

International Federation
of Clinical Chemistry
and Laboratory Medicine



serving laboratory medicine worldwide

Annual Report 2012

ANNUAL REPORT 2012

HIGHLIGHTS OF THE YEAR

- IFCC General Conference – Kuala Lumpur (MY), November 2012
- Molecular Biology Course - Kuala Lumpur (MY), November 2012
- Abbott Laboratories' annual sponsorship for the IFCC VLP programme
- Roche/IFCC Travel Scholarship
- 13th Bergmeyer Conference “Vitamin D in Health and Disease”, Eibsee (Germany), March 2012
- 13th Arab Congress of Clinical Biology (ArabMedLab 2012), Marrakech (Morocco), May 2012
- 60th Anniversary of IFCC
- IFCC/ESCCA Beckman Coulter Flow Cytometry course february 2012

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2012: OUR DIAMOND JUBILEE

MESSAGE FROM THE PRESIDENT OF IFCC

Introduction

It is a pleasure to write this summary of the year 2012 on behalf of IFCC. This is the first year of my second term as President. IFCC remains strong and in good heart; 2012 was a year of progress and celebration.



Membership

IFCC once again increased its membership during 2012. We now have 88 Full Members with three new Full Members joining during the year:

- Association of Clinical Biochemists in Zimbabwe
- Biomedical Society of Zambia
- Kazakhstan Association of Medical Laboratory Diagnostics

We increased our Affiliate Membership with the welcome addition of the “Federación Nacional de Químicos Clínicos” from Mexico. Corporate Membership of IFCC also continues to grow to record numbers and during the year three new companies joined IFCC:

- CPM Diagnostic Research
- Oneworld Accuracy Collaboration
- Wisplinghoff Laboratoriumsmedizin Köln
- BG Medicine

A New Executive Board and a New Strategic Plan

The new Executive Board took office at the start of 2012. The ‘new faces’ on the Executive Board are:

- Howard Morris (AU) Vice President
- Sergio Bernardini (IT) Secretary
- Larry Kricka (US) Member
- Vanessa Steenkamp (ZA) Member

The new Board quickly integrated and agreed a 26 point Strategic Plan to be implemented over the next three years. This plan is published in full in the IFCC Handbook 2012-14. The 26 action points are grouped into four categories:

- Supporting our membership
- Broadening our horizons
- Improving the quality of laboratory medicine
- Improving the effectiveness of IFCC

Congresses and Conferences

Congresses and conferences are an essential part of the work of IFCC. Not only do they provide an opportunity to update our scientific and clinical knowledge, skills and experience but they also provide a great forum to meet and make friends and to build long lasting professional networks.

During 2012 there were four successful IFCC congresses:

- IFCC Bergmeyer Conference on Vitamin D in Health & Disease
- Arab Federation of Clinical Biology Conference in Marrakech, Morocco
- IFCC-Abbott ‘Turning Science into Caring’ meeting in Shanghai, China
- IFCC General Conference in Kuala Lumpur, Malaysia

In addition I had the opportunity and privilege to participate in six national society meetings.

The Team Approach

Much of the most significant work of IFCC takes place in its Divisions, Committees and Working Groups. In addition the IFCC Task Forces and Integrated Projects address significant issues, often in partnership with international clinical organisations, as part of the work to position clinical chemistry and laboratory medicine at the centre of the multidisciplinary healthcare team. This annual report contains many excellent examples of IFCC activities and I encourage you to read these.

Finances

The annual accounts for 2012 were audited in February 2013 and copies are available upon request from the IFCC Office. We knew that 2012 would be a challenging year for our finances and so it proved. Prospects look better in 2013 and beyond.

Sixty Years of IFCC

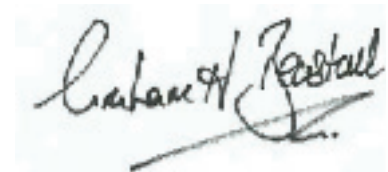
IFCC was formed in 1952 under the auspices of the International Union of Pure and Applied Chemistry. Initially we were called the International Association of Clinical Biochemists becoming the International Federation of Clinical Chemistry (IFCC) one year later. The addition of 'and Laboratory Medicine' to the name of IFCC came in 1997. During our sixty years the membership has grown from 5 Founding Member to 98 Full and Affiliate Member societies and 50 Corporate Members, who together represent >45,000 of the most senior professionals in laboratory medicine.

The highlight of our Diamond Jubilee celebrations was the IFCC General Conference, held in Kuala Lumpur. Almost 200 members of the 'family of IFCC' attended to learn of the work of IFCC, to plan for the future and to create extended international networks dedicated to providing and promoting high quality laboratory medicine services for patient care. At the 'age of sixty' IFCC is in excellent shape and looking forward to becoming more active and more influential as we mature.

Thanks

I wish to thank the Executive Board and the Chairs of Divisions for their skill, commitment and inspiration. I offer a special appreciation to Ellis Jacobs who completed six years as Chair of the Communication and Publications Division. Our excellent team in the IFCC Office in Milan comprises Paola Bramati, Silvia Cattaneo and Silvia Colli-Lanzi. They have again demonstrated their dedication and professionalism in supporting our members and they have played an important role in assisting Sergio Bernardini to produce this annual report

IFCC owes a great debt to the hundreds of scientists and medical doctors who work on a voluntary basis to give freely of their time and expertise in the interests of improving the quality, delivery and relevance of clinical chemistry and laboratory medicine on a worldwide basis. It is gratifying that we are seeing an increase in the number of experts who want to work for IFCC. These people are the true strength of IFCC and I thank them all.



EXECUTIVE BOARD (EB)

The Executive Board held three meetings during 2012. The first meeting was held in Windsor on February 25-27; this meeting has been the first one for the new EB elected at the WorldLab in Berlin and was mainly focused on the new Strategic Plan. The second EB meeting was held in Marrakech in connection with the 13th ArabMedLab Congress. The third EB meeting was held in Kuala Lumpur in connection with the IFCC General Conference (GC).

About 200 people attended the GC where the IFCC celebrated its 60th anniversary. In this occasion the EB was able to meet the representatives of all Regional Organizations as well as of Division and Task Forces of IFCC. Moreover the GC has been a great possibility to open a constructive debate about the directions in Clinical Chemistry and Laboratory Medicine by means of presentations from Full, Affiliate and Corporate Members and many interesting interactive workshops. A new IFCC voting system, "the preferential voting", has been proposed.

A letter was sent to National Societies of the Full and Affiliate members requesting for their annual report. More than forty reports were received to be included in the IFCC Annual report 2012 which is available on the IFCC Website (www.ifcc.org).

2012 was my first year as secretary of the IFCC and has been for me a great opportunity for professional growth in laboratory medicine as well as the chance to meet and make friends from different countries and cultures. Thanks to the members of the EB for their support and friendship, thanks to all IFCC officers and to the staff of Emmezeta-MZ Congressi in Milan (Paola, Silvia and Silvia-CL).

A special thanks to Päivi Laitinen, the previous Secretary, for introducing me to this office.

Sergio Bernardini
Executive Board Secretary

TREASURER REPORT

Once again our warmest thanks to the previous treasurer, Ghassan Shannan (2006-2011), for his excellent services to the IFCC from 2006 to 2011.

In 2012, no revenue was expected from the IFCC congresses. The General Conference in Kuala Lumpur was the number one expense, excluding the fixed expenses. The estimated budget for 2012 showed a significant imbalance between total expenses (CHF1,739,409.00) and total income (CHF633,200.00), with a net loss of CHF1,106,209.00. Despite this, the actual cash flow amount in Credit Suisse, completed by the revenue generated by 2011 Worldlab / EuroMedlab, helped cover all expenditure. At the end of 2012, a loss of CHF307,983 was lower than expected. Medium-term budget balance remains fragile; this first tax year was an opportunity for the in-depth analysis of the cash flow as well as scenarios for the optimization of the IFCC's finances.

Figure 1 shows the percentage of the total income of IFCC end of 2012 (CHF838,654). We must thank the 86 full members for their regular payment of the annual fees, while we regret the suspension of 2 members due to non-payment of membership subscriptions for a period of three years.

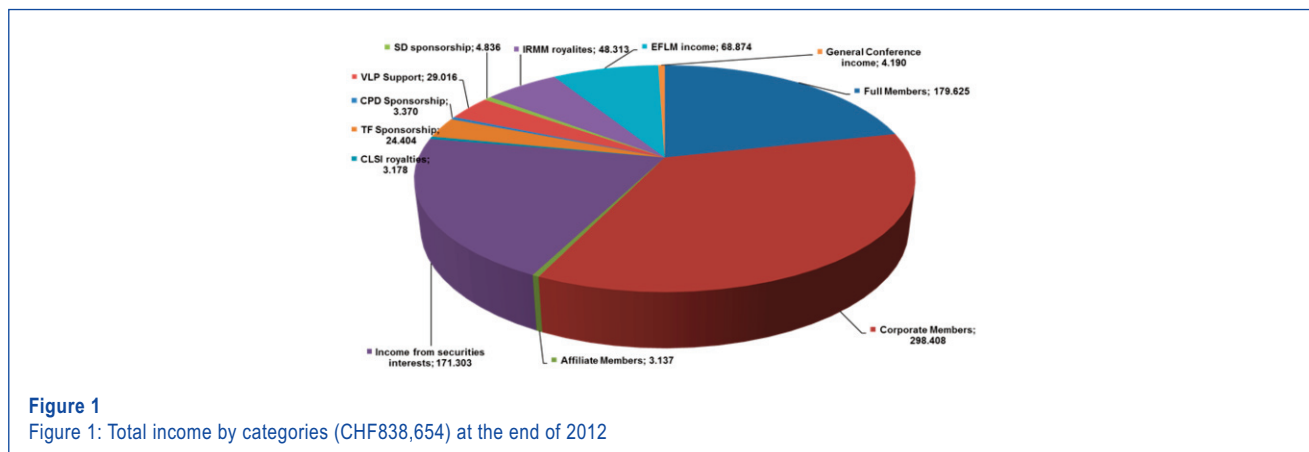
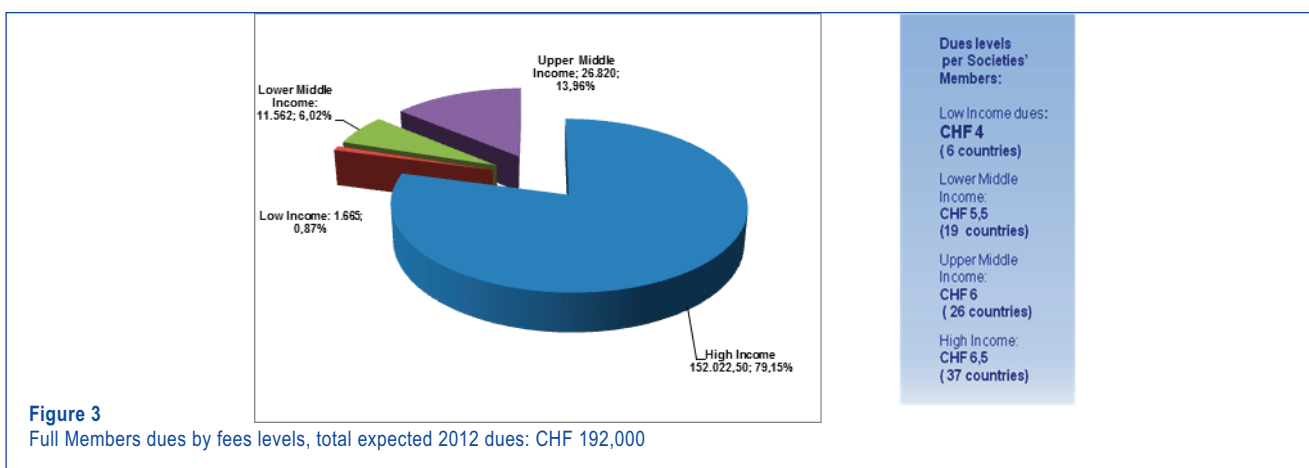
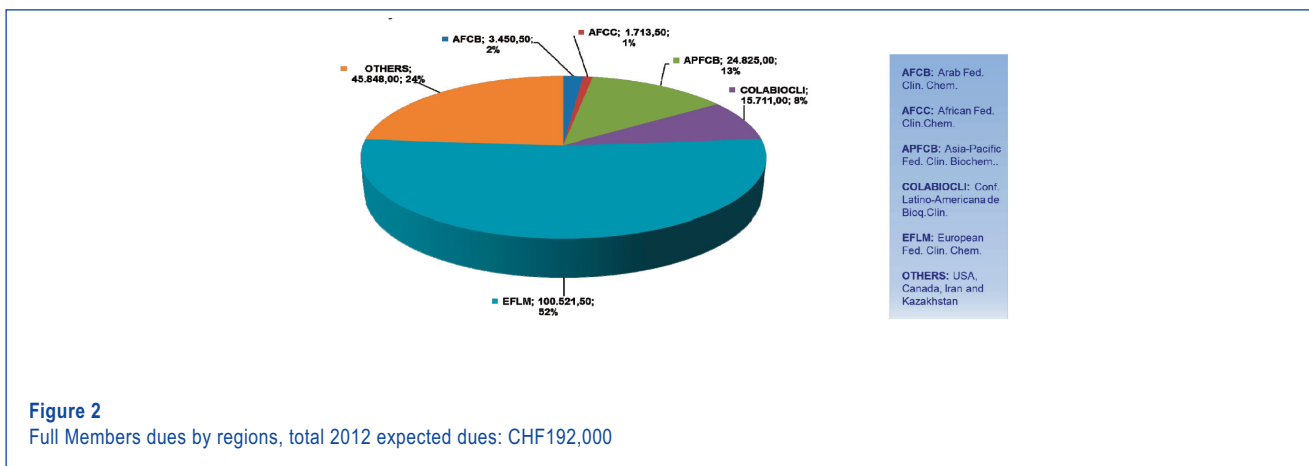


Figure 1

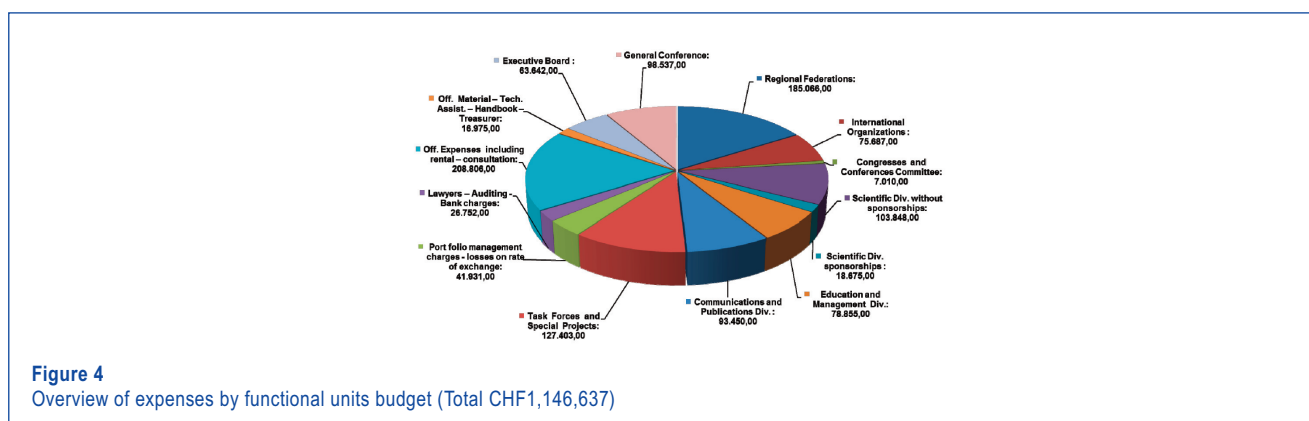
Figure 1: Total income by categories (CHF838,654) at the end of 2012

Figure 2 reflects full member dues by region for a total expected amount of CHF192,000. The decision to create 4 fee categories, in accordance with the World bank's criteria based on gross national income per capita, has proven to be judicious and effective (Figure 3) and should encourage emerging countries as well as new scientific societies to join the IFCC.



To help the regions with their activities, the IFCC provides subsidies of up to CHF10,000, except for the EFLM who receives additional dividends from EuroMedLab's revenue. These subsidies should be modified via new contractual relations such as the signing of a Memorandum of Understanding between the IFCC and the Presidents of the IFCC regions as part of a win-win strategy. Affiliate members contribute up to CHF3,600; this participation should increase with the new membership arrangements.

Figure 4 provides an overview of the expenditure by functional unit (CHF1,146,637). the breakdown of which is largely stable. Our warmest thanks go to the Chairs of Divisions, committees and WGs who keep a vigilant eye on expenditure and were able to use their modern communication means to limit travel expenses and improve their work efficiency via the Internet. The 2013 budget was built after interactive discussion with the chairs of the IFCC divisions, it was asked to decide the annual budget for their C and WGs in a realistic approach to have a 2013 total balanced IFCC budget. Thank again for their approval.



In the current context of economic crisis, Corporate members (50 in 2012) remain loyal and proactive. While the number of members is increasing, company consolidation results in a slight drop in resources for the IFCC, from CHF296,000 in 2011 to current received amount of CHF281,000 in 2012. Sponsorship from IVD diagnostic is playing a major role in helping IFCC to develop scientific activities, and new projects have been initiated for the next two years.

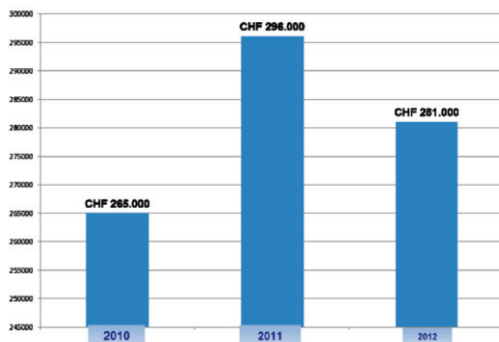


Figure 5
Corporate Members received dues 2010-2012

To validate the signatures of the IFCC President and Treasurer, Graham Beastall and Bernard Gouget accompanied by Paola Bramati, went to Geneva in January 2012 to meet our Swiss bank contacts and attempt to optimize cash flow, which remains fragile in the medium term, as well as improve our financial investments.

IFCC continues to maintain three accounts in Euro, USD and Swiss Franc at Credit Suisse and an investment account at LGT Group - Private Banking and Asset Management. In light of the loss recorded in 2011 and the portfolio management fees paid to LGT Group, a decision was made to change the profile of the portfolio, i.e. switch from a "growth" to a "balanced" profile with a view to increasing the proportion of bonds and limiting the risk posed by the high percentage of equities (**Figure 6**).

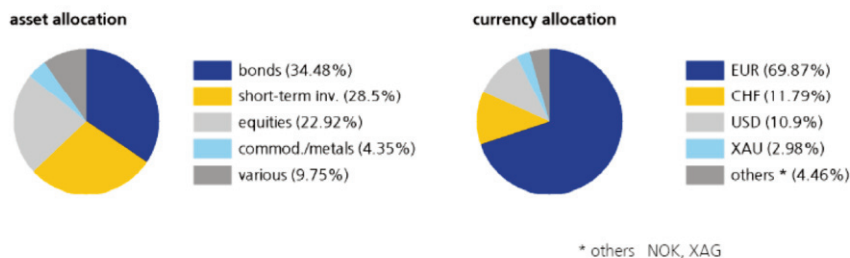


Figure 6
The LGT asset balanced profile and currency allocation

This proved to be a successful strategy: at the end of 2011, the statement of assets was **€1,984,652.43 to reach €2,113,513.47, at the end of 2012 i.e. a + 6.49% performance with a €128,861.54 profit**, minus management fees (**Figure 7**). The LGT fees are "all-inclusive fees" which include "administration, advisory and transaction costs". After negotiation, LGT granted us special conditions: 1.2% on the managed portfolio and 0% on the advisory portfolio (conference & congress). This gives an average of **0.94% for 2012, or €19,432.25**. It is currently a good deal considering that the official fees for an actively managed "balanced" portfolio is 1.98%; and previously 2.28% for a "growth" model.

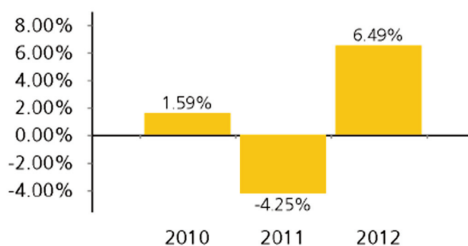


Figure 7
LGT Portfolio Historic performance (2010-2012)

For the time being, LGT does not recommend a change in the investment profile, or investment of the liquidity part that is currently in the Money Market Funds. One reason is that the interest rates will remain very low in 2013; interest rates will not increase before 2014 or even 2015! This is positive for "niche" sectors, like inflation bonds, high yield bonds or emerging market bonds. Regular contacts with the banks have, up until now, been fruitful and relationships based on trust and transparency have helped improve the assessment of our federation's financial risks.

As usual, the 2012 financial statements were certified by Mr John Gates, Partner with Humphreys and Gates Audital who provided valuable guidance and expertise.

Bernard Gouget
Treasurer

CORPORATE MEMBERS

Corporate Representative at IFCC Executive Board: Thomas Brinkmann (Unilabs)

Second term: 2012-2014

In 2012 IFCC celebrated its 60th anniversary. In this year the total number of IFCC Corporate Members increased to 50 corporations. This is a very positive development as it clearly shows the important value of IFCC for the in vitro diagnostic industry. Corporate Members contributed significantly to the overall IFCC activities in all three Divisions and in their Executive Committees. Furthermore, Corporate Members' organizations continued in sponsoring IFCC Scientific Awards. In addition numerous delegates from Corporate Members actively collaborated in most of the scientific workgroups.

Number of Corporate Members

By the end of 2012 the total number of Corporate Members increased to 50 with a total annual dues of 298,000 CHF representing more than 40 % of the IFCC total annual fees.

Corporate Members' Meeting

In 2012 three Corporate Members' meetings were organized in conjunction with international conferences: ArabMedLab 2012, Marrakech, Morocco (April/May 2012), AACC in Los Angeles, CA, USA (July 2012), IFCC General Conference, Kuala Lumpur, Malaysia (November 2012).

IFCC Committees

Corporate Members contributed in the following three IFCC divisions: Scientific Division, Joseph Passarelli (Roche Diagnostics); Education & Management Division, Rolf Hinzmann (Roche Diagnostics); Communications & Publications Division, Bruce Jordan (Roche Diagnostics). In addition Corporate Members worked in many IFCC committees and workgroups. (See the Divisions reports)

Corporate Members' Report from IFCC Divisions

1. Education and Management Division (EMD)
The committee on Clinical Molecular Biology Curriculum (C-CMBC) conducted a symposium a Beginners' Lab Course in Molecular Diagnostics held Malaysia end of 2012. Roche has sponsored the reagents for these courses.
The projects of the Committee on Developing Quality Competence in Medical Laboratories (C-DQCML) might be sponsored by Randox.
2. Scientific Division (SD)
Request by corporate members to have at least 12 – 18 months prior notice of any requests for new studies was again stressed due to most company's internal budgeting processes.
It was discussed the need to align standardization activities within the IFCC with those being proposed by the AACC under the Harmonization Initiative within their organization.
At the corporate members meeting in July at the AACC, it was discussed the request for proposed new Committees and Working Groups to demonstrate the clinical and economic value whenever requesting funding. Given the significant reductions in spending and the more stringent guidelines being placed on external funding, it is no longer enough to provide just an explanation of the scientific value.
Further discussion has been focused on Corresponding Members who have to be fully engaged in Committees/Working Groups activities.

Corporate Members at international conference committees

EuroMedLab 2013, Milan, Italy

Francesco Caggiano (Menarini)

WorldLab 2014, Istanbul, Turkey

Thomas Brinkmann (Unilabs)

EuroMedLab 2015, Paris, France

Christine Flandre (Sebia) and Ulrich Schwörer (Roche Diagnostics).

Thomas Brinkmann
Corporate Representative

COMMITTEE ON CONGRESSES AND CONFERENCES (C-CC)

C-CC held the committee meeting on occasion of the IFCC General Conference in Kuala Lumpur (MY).

INTERNATIONAL CONGRESSES OF CLINICAL CHEMISTRY & LABORATORY MEDICINE (ICCLM)

WorldLab Congresses

IFCC WorldLab Istanbul 2014 (22-26 June 2014 www.istanbul2014.org)

The congress will be organized under the patronage of the President of Turkish Republic. IFCC will sponsor five symposia at the congress. These will comprise two from SD and one each from EMD, CPD and EB. The topics and the Chairs of 21 symposia were decided and the Chairs were invited by the Congress Organizing Committee (COC). There will be educational workshops sponsored by the companies in the afternoons. It was decided to invite five regional IFCC Federations and AACC, in addition to previously invited BCLF and WASPaLM, to organize a symposium at the congress in Istanbul.

IFCC WorldLab Durban 2017

It will be held at the Durban International Convention Centre. The date for the congress has been confirmed by the ICC Convention Centre, Durban as 22-26th October, 2017. The President of the Congress is Prof. Dr. Rajiv Erasmus.

IFCC REGIONAL CONGRESSES OF CLINICAL BIOCHEMISTRY AND LABORATORY MEDICINE

AFCB 2012 Congress - Marrakech, Morocco (2-5 May 2012)

The various symposia were led by renowned specialists coming from Arab countries, as well as from different countries all around the world. Novel biomarkers, proficiency testing, quality management and accreditation, diseases and conditions of high priority in terms of public health in the Arab world, such as hemophilia, tropical diseases, hemoglobinopathies, celiac disease and the emerging bacterial resistance to antibiotics, were central subjects to the meeting. Plenary lectures and industrial workshops sponsored by the companies were organized. Members of the IFCC Communication and Publications Division, in the scope of a specific symposium, addressed the theme "Public Relations and the Value of Laboratory Medicine".

Professor Layachi Chabraoui, President of the Moroccan Society of Clinical Chemistry and Chair of the International Scientific Committee of the ArabMedLab 2012, was elected as the President of the Arab Federation of Clinical Biology.

AFCB 2015 Congress – Khartoum, Sudan

ArabMedLab 2015 - 14th Arab Congress of Clinical Biology (AFCB) will be held in Khartoum, Sudan in November 2015.

AFCC 2013 Congress – Cape Town, South Africa (28-31 July 2013)

The 3rd congress of the AFCC will be held in the Cape Town International Convention Centre. The congress will be held jointly with the Laboratory Medicine Congress. A pre-congress workshop on "Quality Management" will also be held. A request was received to hold two French sessions to accommodate the Franco-phone countries and the request received a positive response. The congress website is: <http://www.lmcongress.com/> The organizing society is the South African Association of Clinical Biochemistry.

APFCB 2013 Congress – Indonesia, Bali (27-30 October 2013 <http://apfcbcongress2013.org>)

The organizations outside of the region which will sponsor/offer symposia are the IFCC (3), EFLM, WASPaLM and NACCCA (1 each). Corporate workshops/symposia will be held during lunch breaks. There will be 5 pre-congress workshops that will be held on the morning of 27 October.

COLABIOCLI 2013 Congress - XXI Congreso Latinoamericano de Bioquímica Clínica – Perú, Lima

(29 October - November 1, 2013 <http://colabiocli-lima2013.org>)

The congress will be held at the Convention Centre Westin Hotel. One hundred speakers have been invited from diverse areas of the clinical laboratory and laboratory medicine.

EuroMedLab Congress 2013 – Milano, Italy (19-23 May 2013 www.milan2013.org)

The 20th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine and 45th Congress of the Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC) will be held at the MiCo - Milano Convention Centre. The program is complete. The scientific program consists of the following elements: 1 Opening Lecture, 4 Plenary Lectures, 17 Scientific Symposia, 3 IFCC Symposia, 3 EFLM Symposia, 45 Educational Workshops, 7 Satellite Meetings (4 before the congress and 3 after the congress). A bursary program has been set up to help participation of young scientists to the EuroMedLab Milano 2013 Congress.

EuroMedLab Congress 2015 – France, Paris (21-25 June 2015)

The agreement has been signed among the following parties: SFBC, IFCC, EFLM, MZ and SDB/ REED. Presidents of the EML congress are appointed: Philippe Gillery, Joelle Goudable and Bernard Gouget.

Co-Presidents of EML – JIB Exhibition: Joelle Goudable and François Blanchecotte.

President of JIB conferences: François Blanchecotte.

EuroMedLab Congress 2017

C-CC and EFLM have jointly invited the bids with a closing date of December 31st, 2012. IFCC Committee on Congresses and Conferences (C-CC) and EFLM Education Committee (C-ET) will independently evaluate the bids submitted to host the venue of EuroMedLab 2017.

The two committees will exchange the rates at the same time and the mean rate of both committees will be taken as the final recommendation of both C-CC and Education and Training committee of EFLM. This will be circulated to the EFLM member societies around March 2013 and will be voted at the EFLM General Assembly in Milan on Sunday May 19th, 2013 at h. 9.00.

IFCC SPECIALIZED CONFERENCES

13th Roche Bergmeyer Conference – Eibsee, Germany (5-7 March 2012)

The Conference on “Vitamin D in Health and Disease” was held at the Eibsee Hotel in Grainau, Garmisch-Partenkirchen, Germany. The edited Proceedings were published in the journal “Scand J Clin Lab Invest”. SD has commenced planning for the 2014 conference.

IFCC-Abbott “Turning Science into caring” Symposium - Shanghai, China (15-16 October 2012)

An agreement was signed between IFCC and Abbott Diagnostics Division to be partners in the global ‘Turning Science into Caring’ series of conferences.

The 5th Annual Asia Pacific and Japan Scientific Symposium “Turning Science into Caring” was held in Shanghai. The symposium theme was “Healthcare in the 21st Century: Evolving Trends in the Laboratory Medicine”. About 500 laboratory professionals, clinicians and administrations from 13 countries/regions in Asia Pacific attended 2012 TSIC event.

IFCC General Conference

The General Conference was held in Kuala Lumpur, Malaysia, 17-20 November, 2012.

Bio-Rad Quality Conference in Latin America

Bio-Rad has sponsored Quality meetings in Latin America for several years. There is a great interest for these meetings. The number of participants is around 2.000 (500 on site, 1.500 via internet). Rosa Isabel Sierra-Amor, PhD from Mexico is considering the possibility to organize these meetings as joint IFCC-Bio-Rad events.

IFCC/ESCCA Beckman Coulter Flow Cytometry Course "Flow Cytometry in Immunology and Stem Cell Research" 23-25 February, 2012, Leipzig, Germany

The IFCC intends to intensify its educational activities in the field of modern laboratory technologies. In accordance with this strategy, an IFCC Steering Committee “Flow Cytometry Course” with the support of Beckman Coulter, organized a “European Course on Clinical Applications of Flow Cytometry” The 2012 event focused on Clinical Immunology and Stem Cell Research. Recent developments in sorting, analysis and clinical applications were addressed by international experts. Lectures as well as hands-on sessions took place from February 23-25, 2012 in Leipzig, Germany.

CONGRESS GUIDELINES

Guidance Outline for Organizing a National Society Congress and Guidance Outline for Organizing an IFCC International Congress was approved by the IFCC Executive Board.

C-CC decided to revise the “Scientific Program Guidelines and Satellite Meeting Guidelines for a WorldLab (ICCCLM)”. It was agreed to prepare the guidelines for the future IFCC joint ventures with corporate members.

CONGRESSES WITH IFCC AUSPICES

A total of 50 meetings in 2012 applied for IFCC auspices for their meetings and all of them were granted IFCC auspices.

Tomris Ozben
C-CC Chair

SCIENTIFIC DIVISION (SD)

During 2012, the following members served on the SD Executive Committee: Ian (UK, Chair), Philippe Gillery (FR, Vice-Chair), Gary Myers (US, Secretary), Giampaolo Merlini (IT, Member), Christa Cobbaert (NL, Member), Naotaka Hamasaki (JP, Member) and Joseph Passarelli (US, Corporate Representative). Three representatives of International Organizations are invited to attend the SD meetings as consultants: Mathias Müller (JCTLM), Heinz Schimmel (IRMM) and David Bunk (NIST). Two meetings were held during the year 2012: April 30-May 1 (Marrakech, Morocco) and November 16-17 (Kuala Lumpur, Malaysia).

Relationship with International Organizations

The SD continues to pursue the expansion of its activities to partner with international organizations to promote the implementation of the concept of traceability in laboratory medicine and the implementation of reference measurement systems.

Joint Committee on Traceability in Laboratory Medicine (JCTLM)

The JCTLM continues its work which is available for review on its database at www.bipm.org/jctlm/.

The Working Group 1 on Reference Measurement Procedures and Reference Materials continues its program of identifying and reviewing against agreed criteria (ISO standards 15193 and 15194). More than 200 certified reference materials for about 130 measurands together with more than 125 reference measurement methods/procedures for 76 different health markers are presently listed in the JCTLM database. These have been reviewed and internationally agreed to be consistent with the criteria described in the standard ISO 15194 and 15193, respectively. A new cycle for submission of reference materials and reference methods for consideration by JCTLM was conducted in May 2012. Important criteria for reference methods will be whether the method has been published in a peer-reviewed journal. For reference materials an important criteria will be whether the material has been evaluated for commutability and that there is a statement of commutability in line with its intended use. Working Group 2 on Reference Measurement Services reviewed new nominations from candidate laboratories. Laboratories must participate in RELA EQAS once in 3 years for each measurand for which the laboratory is listed on the JCTLM database. To be listed as a laboratory providing reference services, a laboratory must be accredited. A procedure is in place to periodically review the lists and to remove entries when they no longer meet the established criteria. The database has become a reliable source of information particularly for the In Vitro Diagnostics (IVD) industry.

Institute for Reference Materials and Measurements (IRMM)

Close collaboration with IRMM continues through a number of joint ventures involving SD Committees and Working Groups. Projects continue for the preparation of materials for HbA1c (primary and secondary materials), HbA2, and myoglobin. IRMM will play a role in the implementation of new IVD legislation. In the current directive there are 4 risk groups to classify diagnostics A, B, C, D with group D considered highest risk. In the new legislation all IVDs will be under category B. IRMM provides a potential entry point for comment on the situation for IFCC.

Clinical and Laboratory Standards Institute (CLSI) (formerly NCCLS)

An updated list of joint CLSI/IFCC documents is available on the IFCC web site at: [http://www.ifcc.org/ifcc-communications-publications-division-\(cpd\)/ifcc-publications/clsi-ifcc-joint-projects/](http://www.ifcc.org/ifcc-communications-publications-division-(cpd)/ifcc-publications/clsi-ifcc-joint-projects/)

National Institute of Standards and Technology (NIST)

NIST continues to undertake a large number of projects, many of which are of considerable interest to IFCC. Standard Reference Materials (SRM) released or slated for release in 2012 include: SRM 927e (Bovine serum albumin-7% solution), SRM 2972a (25-Hydroxyvitamin D2 and D3 calibration solutions), SRM 3951 (Vitamin B12 in human serum), SRM 972a (Vitamin D in human serum), SRM 3667 (creatinine in urine), and SRM 1951c (lipids in frozen human serum).

European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)

The EFLM Scientific Committee and SD leadership agreed there should be close liaison and communication between the two groups. The purpose is to share information on activities and look for areas of mutual interest. The EFLM Science Committee is responsible for scientific matters within EFLM and projects which further the scientific development of EFLM. Activities of the Committee focus particularly on promotion of research that translates the scientific results of clinical chemistry and laboratory medicine to clinical applications and improves patient outcomes through the appropriate use and interpretation of laboratory data in clinical practice. It was agreed the leadership of the SD and the EFCC Science Committee should meet formally once per year, preferably at a major conference.

Regional and other congresses

ArabMedLab 2012 - XIII Arab Fed. of Clinical Biology (AFCB), Congress Marrakech (MA), May 2-5 2012.

IFCC Specialized Conferences

ROCHE BERGMAYER

The 13th Roche Bergmeyer Conference was held March 5-7, 2012.

Title of the conference: "Vitamin D in Health and Disease".

Sessions included the following: Setting the Scene, Sources of Vitamin D, Assessing Vitamin D Status, Vitamin D and Its Impact, Vitamin D and Public Health.

CCLM Special Issue

A special issue of CCLM intended for the end of 2012 or beginning of 2013 was planned with articles from SD Cs/WGs.

Activities of Committees and Working Groups

The Committees (Cs), which are theme-oriented, carry out much of the scientific and professional activities of the SD. Their work is often in close collaboration with other international organizations. For more specific tasks, the activities are usually accomplished through Working Groups (WGs).

COMMITTEES

C-Nomenclature, Properties and Units (C-NPU)

Term of Reference 1. Provide advice for the management, updating and publishing of the NPU terminology. **Accomplishments include:** Monthly updated versions of the NPU terminology have been available for download from the new IFCC website. Update search functions are available on the new website (co-ordinated by IFCC Communications and Publications Division)

Five teleconferences were conducted between NPU stakeholders to determine future direction for NPU ownership and development culminating in the signing of a Statement of Intent between key NPU stakeholders Oct 2012 (IFCC, IUPAC, Danish Board of e-Health). An agreement was reached to create an NPU Steering committee with representatives from the key stakeholders. An initial NPU steering committee meeting was held Sept 2012 (by teleconference) to discuss the best way of approaching IHTSDO for collaborative work at the IHTSDO meeting in Stockholm (Oct 2012). There was agreement in Stockholm that a similar process should be undertaken once the LOINC negotiations are finalized.

Term of Reference 2. Make recommendations on NPU for reporting clinical laboratory data that conform to or adopt current standards of authoritative organizations and that will improve their utilization for health care. **Accomplishments include:** A manuscript on international vocabulary for nominal examinations in scientific communication (VIN) was prepared and distributed for public review (IUPAC 2004-023-1-700, extended 2008-019-1-700). The "Silver Book" (Compendium of Terminology and Nomenclature of Properties in Clinical Laboratory Sciences) (joint IFCC CPD project + IUPAC 2008-033-3-700) is still undergoing revision. A project for establishing definitions for non-referenced terms in the NPU terminology is ongoing (IUPAC Project 2010-035-700). A Wikipedia article/reference to the NPU terminology is being created with input from committee. A new project for NPU definitions in the field of Molecular Biology and Genetics is planned.

Term of Reference 3. To provide a connection with other organizations concerned with NPU, such as the Bureau International des Poids et Mesures (BIPM), the European Committee for Standardization (CEN) and the International Organization for Standardization (ISO), and, by extension, clinical laboratory sciences societies, such

as the International Union of Pure and Applied Chemistry (IUPAC). **Accomplishments include:** All of the above activities were jointly performed with IUPAC. A primary development was signing a Statement of Intent between NPU stakeholders for the ongoing development of the NPU terminology system.

C-Molecular Diagnostics (C-MD)

- Term of Reference 1.** To foster dynamic exchanges between IFCC and Mol DX labs and industry. **Accomplishments include:** The Proposal PEGASUS submitted by F. Rousseau with the active participation of the IFCC-C-MD has been successfully granted by the Canadian Government.
- Term of Reference 2.** Guidelines on validation, conduct and reporting of Mol DX tests. **Accomplishments include:** A consensus of available guidelines on molecular DX testing is available on the C-MD web page.
- Term of Reference 3.** Provision of well-defined reference materials. **Accomplishments include:** SD requested the committee determine if there is a need for reference materials and what type are needed. Committee needs to keep contact with organizations that prepare guidelines to determine how reference materials are to be used and if needed. The Committee should link with other professional organizations, such as hematology and pharmacogenetics, to provide guidance on needs and usage.
- Term of Reference 4.** Creation of a network of locus specific IFCC Molecular Diagnostic Centers. **Accomplishments include:** Input was requested from the SD so the Committee could plan a second call for selecting IFCC Expert Laboratories in Molecular Diagnostics. However, SD feels it is still not clear what the purpose is for the expert laboratories.
- Term of Reference 5.** C-MD web page within IFCC website. **Accomplishments include:** The website contains links to other websites relevant to molecular diagnostics including genetic and molecular genetics societies, gene sequence and mutation databases, primer design sites, and a number of other molecular diagnostic utilities.

C-Reference Systems for Enzymes (C-RSE)

- Term of Reference 1.** IFCC Enzyme Reference Measurement Procedures: New 37°C IFCC enzyme reference procedures are being developed on the basis of the existing 30°C IFCC. **Accomplishments include:** Work on the development of a reference measurement procedure for pancreatic lipase continues. A multicentre experiment to compare the performances of the two candidate pancreatic lipase methods (dioleoylglycerol [DODG] and methyresorufin [DGGR]) was performed by 3 laboratories of the committee (Italy, Japan and Spain). The results showed a marked improvement in within run and between days imprecision (in comparison with previous experiments), but a significant and unacceptable bias between laboratories remained for both methods. From analysis of the results the DODG method appeared to allow room for improvement, so it was decided to concentrate further attention on it.
- Terms of Reference 2.** Network of Enzyme Reference Laboratories: Coordination of a group of reference laboratories from hospitals, academy and industry, which are able to perform adequate measurements according to a list of stated requirements. **Accomplishments include:** Nothing was done for this term of reference
- Terms of Reference 3.** Enzyme Reference Materials: Evaluate reference materials provided by IRMM within the network of reference laboratories prior to certification. **Accomplishments include:** A protocol for the evaluation of commutability of candidate reference material for ALT, LDH and CK was defined .

C-Traceability in Laboratory Medicine (C-TLM)

- Term of Reference 1.** Support activities of the JCTLM – based on a harmonized opinion among IFCC members – concerning the identification of reference measurement procedures, reference materials and reference laboratories. **Accomplishments include:** C-TLM provided input into the activities and operations of JCTLM Working Groups 1 and 2. JCTLM supports the activities of IFCC RELA. A link from the JCTLM website to the RELA website was implemented.

Term of Reference 2. Establish an External Quality Assessment Scheme (EQAS) for reference laboratories and act as an advisory committee. **Accomplishments include:** To date, RELA ring trials are provided for 35 measurands. RELA 2011 has been completed; the results are published on the website. The number of participants and published results continues to increase - in total, 290 results from 49 laboratories for RELA 2011 were submitted. 25-Hydroxyvitamin D3 has been added to the list of RELA measurands and has been available to order since RELA 2012. RELA 2012 was launched in September 2012. The samples are distributed and results are to be submitted by April 2013. The evaluation will be finalized in May 2013. All results of RELA ring trials, the time schedule and the RELA procedure manual are published on the website of RfB: <http://www.dgkl-rfb.de:81>.

Term of Reference 3. Promote the establishment and maintenance of IFCC reference laboratory networks for clinically relevant measurands. **Accomplishments include:** In 2012, the HbA1c network organized two intercomparison studies. The results a) all approved laboratories have been re-approved and b) two candidate laboratories (India and Korea) passed criteria and received the status of approved network laboratories. Contacts were initiated with a candidate reference laboratory in Brazil. HbA1c interlaboratory CV in EQA programs has been decreasing over 20 years from approximately 22% to 3.5% resulting in increased use of HbA1c for diagnosis of diabetes.

C-Reference Intervals and Decision Limits (C-RIDL)

Term of Reference 1. Review current concepts of establishing reference intervals and decision limits and to prepare state-of-the-art position statements regarding new avenues to make available reference intervals and decision limits that respect the requirements of international directives, such as the European IVD Directive 98/79, and relevant ISO standards. **Accomplishments include:** SD would like to see the proposed statistical approach published for the global survey, but may need more detailed review of this prior to publication.

Term of Reference 2. Determine priority list of analytes for which reference intervals and/or decision limits have to be developed. **Accomplishments include:** 53 analytes (26 biochemistry; 27 immunoassays) were selected to be tested as part of phase 1 of the worldwide study.

Term of Reference 3. To monitor and evaluate currently proposed reference intervals for selected analytes in the light of the concept of traceability and of the identification of the uncertainty. **Accomplishments include:** The Committee has agreed on a common collection protocol so that sample collection can proceed. The Committee also agreed to by-pass global reference intervals in favor of regional reference intervals following the common protocol. What is not straight forward is how samples will be tested and how manufacturers will use results in development of reference intervals. Manufacturers should state what specifics are needed in phase 2 to be able to support the work.

Term of Reference 4. To establish transferability protocols of reference intervals and decision limits, which take into consideration inter-routine laboratory method variations and achieve better applicability in clinical practice. **Accomplishments include:** None.

Term of Reference 5. To collaborate with other organizations and/or to undertake establishment of reference intervals or decision limits for analytes identified as a priority. **Accomplishments include:** Nothing to report.

Term of Reference 6. To work in close collaboration with other Cs and WGs of SD for the development and appropriate clinical utilization of reference intervals and decision limits. **Accomplishments include:** Collaborated with C-RSE to collect samples from reference subjects for ALP.

C-Standardization of Thyroid Function Tests (C-STFT)

This is a new committee for 2012. Progress towards C-STFT terms of reference included:

Term of Reference 1. To develop reference measurement systems for free thyroid hormones and TSH. **Accomplishments include:** A reference measurement system based on the "all-procedure trimmed mean (APTM)" calculated by Principal Component Analysis (PCA) is under construction. A proof-of-concept paper has been written and is accepted for publication in Clinical Chemistry Laboratory Medicine. It makes use of

data from a method comparison study for insulin and gives evidence that harmonization on the basis of the APTM is as valid as standardization utilizing ID-MS reference measurement procedure (RMP) values. In 2012 Phase III method comparison studies for FT4 and TSH were conducted. Eight manufacturers participated with 13 FT4 and 14 TSH immunoassays

Term of Reference 2. To establish a network of laboratories competent to offer reference measurement services for thyroid hormones. **Accomplishments include:** Potential candidates for a network under consideration are: ReCCS (Japan), the laboratory of Prof. J. Faix (Stanford University, USA) and the laboratory of Dr. H. Vesper (CDC, USA).

Term of Reference 3. To provide an infrastructure for procurement of serum panels. **Accomplishments include:** A start has been made by working together with 2 US-based companies (PromedDx and Solomon Park Research Laboratories) and with 2 Belgian endocrinologists (Dr. Y. Taes and Dr. A. Van den Bruel). Contacts have also been made with Prof. P. Williams (The University of Sydney), who will collect samples for the future Phase IV study. A manuscript describing the problematic and need for establishment of an infrastructure for procurement of serum panels has been submitted and accepted for publication in the Clinical Chemistry Laboratory Medicine special IFCC issue.

WORKING GROUPS

WG-Standardization of Hemoglobin A₂ (WG-SHbA₂)

Term of Reference. To promote the standardisation of hemoglobin A₂ measurement through the definition of an international reference system, including a reference measurement procedure and primary and secondary reference materials. **Accomplishments include:** Development of the reference method:

The isotope dilution-mass spectrometry method is under development at the MS lab in Dusseldorf. Some difficulties concerning the trypsin digestion step have been found, apparently due to the different digestion kinetics of the two marker peptides δ T2 and α T11. The development of the method for intact globin chains, based on LC-ESI/MS, is also under way and the method has been implemented in three different labs (Milano, Strasbourg, Atlanta). An interlaboratory study has been performed. To this aim, 40 specimens were prepared and shipped to the MS labs. Results are under evaluation. The analytical goals for HbA₂ determination were defined. A study on this topic and a survey has been performed.

Secondary reference materials:

The stability study at -20 °C over a four-year period, on the first pilot batch of candidate reference material (CRM), prepared back in April 2008, was completed. HbA₂ content in the material was found to be very stable with no oxidation/degradation products detected under the tested storage conditions. Basal characterization of the second batch of CRM (prepared back in February 2012 using different lyophilization conditions in order to limit methemoglobin formation during long-term storage) was performed. Preliminary data on stability at +4 °C have been obtained.

WG-Standardisation of Carbohydrate-Deficient Transferrin (WG-SCDT)

Term of Reference 1. Establish a network of CDT reference laboratories that perform the HPLC candidate reference method. **Accomplishments include:** Six laboratories belonging to WG members are running the HPLC candidate reference method. The WG continues to work to develop a reference method for CDT. All CDT assays involved in Study 3 showed excellent or acceptable linearity. The study 4 demonstrated that calibrating the commercial methods to the HPLC candidate reference method dramatically reduced the intermethod CV. A study on molar absorption of the different glycoforms was run to demonstrate the need, or not, of primary calibrators. The results of the study were not totally conclusive.

Term of Reference 2. Development of a reference material for CDT. **Accomplishments include:** A confirmatory calibration study (Study 4) based on native samples from 40 different individuals with variable CDT levels was performed according to CLSI protocols 14a and 53 using the HPLC reference method and available methods on the market. Study 4 is designed to demonstrate that standardisation can be achieved using individual patient samples. The Study 4 demonstrated that both lyophilized and frozen calibrators are stable over more than 24 months. A commutability study established that all methods exhibited a high degree of harmonization after calibration to frozen samples. After calibration, the mean intermethod CV

in individual patients was ~ 5%. More than 700 samples have been prepared at Queen Beatrix Hospital to be used as constituents of future secondary calibrators.

WG-Standardisation of Albumin Assay in Urine (WG-SAU)

Term of Reference 1. Establish a reference procedure and reference materials for the measurement of albumin in urine. **Accomplishments include:** The Mayo Clinic ID-LC-MS/MS candidate reference measurement procedure was included in a manuscript "A reference system for urinary albumin: current status" submitted for publication to CCLM as part of the special issue devoted to SD activities. The Mayo Clinic procedure uses five tryptic peptides that are consistently seen by LC IDMS and averages the results for a final value. Inter- and intra-assay precision is about 1-2%. This procedure was used in the status of harmonization among commercial immunoassays project (term of reference 3). The NIST is developing a LC-MS/MS reference measurement procedure for urine albumin that measures eight tryptic peptides of human serum albumin with ~1% CV for replicates. NIST will validate this procedure by comparison with the procedure developed at the Mayo Clinic. It is anticipated the NIST procedure will enable assessment of the molecular forms of albumin in urine that may be of importance in the specificity requirements for routine measurement procedures.

Term of Reference 2. Establish recommendations for sample collection and handling to improve uniformity of results. **Accomplishments include:** A study to evaluate adsorption of albumin onto containers used for urine collection and urine albumin measurement has been completed by CDC and a manuscript has been prepared. The manuscript has been reviewed by SD and final comments from SD and authors are being addressed. Mary Robinson, original lead author from CDC, retired and turned over the final editing and submission to Greg Miller and Hubert Vesper at CDC.

Terms of Reference 3. Status of harmonization among commercial immunoassays for UA (funded by NKDEP). The objectives of this project are to: 1) evaluate harmonization among methods for urine albumin using native human urine samples; 2) assess agreement of routine methods with an LC-IDMS procedure; 3) evaluate commutability characteristics of JSCC and diluted ERM-DA470k/IFCC reference materials for urine albumin; 4) evaluate basic performance characteristics of the urine albumin methods; and 5) compare harmonization of urine total protein and creatinine methods. **Accomplishments include:** Fresh, non-frozen human urine samples (343) that had been submitted for routine urine albumin measurement were measured by 17 routine procedures from 5 manufacturers. Frozen aliquots of each sample were measured by LC-IDMS. The reference materials and some supplemented urine samples were also measured. The data collected in 2011 was reviewed vs. original instrument printouts to correct numerous transcription and similar errors in the submitted data. Results for 333 patients were included in the final data set. Statistical analysis of the data for assessment of method performance and harmonization for 16 commercial procedures has been completed and a manuscript is in preparation.

WG- Standardisation of Pregnancy-associated Plasma Protein A (WG-PAPPA)

Term of Reference: Develop a reference system for standardisation of PAPP-A measurement employed as marker for prenatal screening. **Accomplishments include:** Based on the results from the first round of the project, the second phase was initiated during the spring 2012. Samples from the candidate standard material (pregnancy derived), recombinant dimeric PAPP-A and pooled first trimester sera diluted into different matrices were distributed to five companies with a recommended test protocol. The results were obtained in August/September from seven different test platforms (2 companies having two different test platforms). The results have been compiled and a summary report is being prepared. Due to the fact that the results from one of the companies were clearly out-of-line in comparison to that of the rest, additional tests were performed by Division of Biochemistry, University of Turku (DBUT) using the reagent combinations obtained from that company. However, the discrepant results could not be reproduced. Presently DBUT is communicating with the company to determine the cause for the discrepant result.

WG-Standardisation of Insulin Assays (WG-SIA)

Term of Reference. Improve the standardization of assays for insulin by the development of a candidate reference method and materials. **Accomplishments include:** The laboratory at Albert Einstein Medical School, USA is now working to establish the reference method procedure (IDMS) for insulin. Validation of the Einstein

RMP will be against the IDMS procedure at the University of Gent. All the serum samples and pools have been collected, processed and stored as aliquots. These materials will be value assigned for insulin by the IDMS RMP and will be used to sustain the program to harmonize results from manufacturers of insulin assays. The NIBSC has now allocated vials of a recombinant insulin candidate reference material that will be integrated with a program to harmonize preparations from manufacturers of insulin as treatments for diabetes mellitus. Plans are to coordinate efforts to promote the use of this material by manufacturers of insulin assays. The WG-SIA continued active discussions with the NIDDK supported C-peptide Working Group (Chair Prof R. Little) with regard to delineating common approaches and the establishment of a RMP for C-peptide. Continued emphasis on how both groups can achieve their goals by sharing plans, materials and activities.

WG–Standardisation of Troponin I (WG-TNI)

Term of Reference 1. Develop a candidate secondary reference measurement procedure and candidate secondary reference material for cardiac troponin I (cTnI). **Accomplishments include:** Candidate secondary reference procedure (immunoassay based measurement procedure of higher metrological order) for cTnI: The ELISA method has been developed. Further work has been done to try and reduce the variation in imprecision for the chemiluminescence (CL) assay but without success. The current fluorescence (FL) detection method (CV <5%) will be able to measure all of the medium and high level cTnI patient samples for the Pilot Study but only a quarter of low level samples. NIST has developed the CL method and the method has been used in the 2012 cTnI Pilot Study. The Pilot Study indicates that while there appears to be good to excellent correlation between all routine assays, the correlation between the cRMP data measured at NIST and data from all routine assays was poor. Candidate Secondary Reference Material for cTnI: The WG has developed a pilot study protocol to investigate the feasibility of preparing a commutable and stable secondary reference material for cTnI by use of serum pools. The study will involve NIST, NPL, University of Maryland and industry. Patient samples have been collected by University of Maryland and the pools prepared at NIST. Samples were stored frozen and analysed over the period January to June 2012 by 7 diagnostic companies using 17 cTnI assays. A preliminary data analysis was done to obtain a general assessment of commutability, imprecision, the degree of measurement harmonisation between different cTnI assays, presence of interferences, stability of pools, and comparability with the cTnI cRMP. The preliminary analysis did indicate that all pooled serum samples appear to be commutable with all routine assays. This is an important finding of the study.

Term of Reference 2. Testing for cTnI standardization and clinical validation by comparison with validated commercial assays in a round robin study. **Accomplishments include:** The cTnI Pilot Study was conducted. The data set will be tested for outlier samples using principle component analysis. Study data needs to be parsed to see if any measurements were below the limit of quantification (LoQ) of the routine assay. In light of potential problems with the cRMP, the WG discussed possible alternatives for the value-assignment of a serum-based troponin CRM. The option of a consensus approach to value-assignment using selected routine methods may be required if the cRMP is not viable. The consensus approach for the value assignment of IRMM's CRM for cystatin C (ERM-DA471/IFCC) would be the most appropriate for a future troponin CRM. The Pilot Study data could be used to select routine methods for a consensus approach. Table of Analytical Characteristics. WG-TNI assumed responsibility for maintaining up to date information on the IFCC website in the table of "Analytical characteristics of commercial and research high sensitivity cardiac Troponin I & T assays per manufacturers". Table is linked to by European clinical societies so it is important to keep information current. WG also keeps the BNP table up to date. The updated Troponin table reports units in µg/L and ng/L. .SD reviewed a proposal from the WG to standardize the units for reporting serum troponin. The proposal calls for results be reported in whole numbers and for the use of nanogram per litre as a unit which is acceptable to the Systeme Internationale. It was felt by members of the SD that an editorial on this issue may be valuable.

WG – Allowable Error for Traceable Results (WG-AETR)

Term of Reference 1. To define clinically acceptable limits for metrological traceability of specific analytes. **Accomplishments include:** The WG have been working on combining a statistical approach with biological variation to determine the limits for a traceability chain. The specifics are written in a manuscript submitted to the SD for consideration in the Special Edition of CCLM.

Term of Reference 2. To cooperate with manufacturers, regulatory bodies and end-users to work towards patient results being traceable to higher order reference materials and methods. **Accomplishments include:** Details of the procedures used by a number of major manufacturers on how they carry out value assignment and how this is traceable to reference standards has been received and is being evaluated. The data, which includes estimates of measurement uncertainty, has been circulated to the WG for further discussion.

Term of Reference 3. Harmonisation of patient results independent of assay platform, manufacturer or testing laboratory. **Accomplishments include:** None

WG – Harmonization of Autoantibody Test (WG-HAT)

Term of Reference 1. To evaluate what are the main causes of variability for a number of diagnostically critical autoantibodies. **Accomplishments include:** In addition to the three main areas identified for variability in autoimmune serology testing, 1. The antigen - and the variation in antigen preparations between different reagent producers, 2. The antibody - and the variation between the standard antibody preparation used to calibrate the various assays and the difference between the various calibrant materials and the samples being analysed and 3. The methods used for autoimmune serology testing, the WG identified more parameters e.g. specific details of antigens, antigen attachment to plates, mode of calibration that may emerge as important components for further investigation.

Term of Reference 2. To identify autoantibodies where a common calibrator could reduce the inter-assay variability. **Accomplishments include:** The WG identified the following autoantibodies as candidates for common calibration: IgG antibodies to proteinase III; IgG antibodies to myeloperoxidase; IgG antibodies to glomerular basement membrane; IgG antibodies to cardiolipin and beta-2 glycoprotein 1; and IgG antibodies to cyclic citrullinated peptides.

Term of Reference 3. To identify or produce commutable materials that could be used as interim calibration material for autoantibody assays. **Accomplishments include:** The WG has concentrated on developing materials for IgG antibodies to myeloperoxidase. A formal commutability study is in progress. Preparations have been selected from the preliminary set to accompany the patient samples for the formal commutability study. The use of human serum albumin as a diluent was evaluated and gave satisfactory results therefore it will be used in the preparation of the final material. The samples are currently being analysed and data is being returned to the IRMM for evaluation. The WG made a conscious decision to embrace the developing methodologies therefore a mixture of manual ELISA, automated ELISA and multiplex methods are included in the commutability studies.

Materials for IgG anti PR3 antibodies.

A preliminary commutability study was completed. The study data is with the IRMM being evaluated. It is expected that candidate preparations will be identified to progress to a formal commutability study.

Materials for IgG and IgM antibodies to cardiolipin and beta2 glycoprotein.

Prof. Meroni of the WG has been working with Prof. Silvia Pierangeli on the characterization and preparation of materials for these autoantibodies. Monoclonal antibodies have been produced by Research Fellows and are currently being made into potential harmonization preparations.

Term of Reference 4. To produce well-characterized pure antibody preparations with known concentration and identity and use these to transfer values to a matrix preparation. **Accomplishments include:** None

WG – Quality Specifications for Glucose POCT (WG-GPOCT)

Term of Reference: To investigate the quality specifications required for glucose PoCT meters as glucose testing is used in a wide variety of health care settings including: Hospitals; General practice/Physicians Office; Specialists; Ambulances; Air Ambulances; Patients/Caregivers; Nursing Homes; Population Surveys. **Accomplishments include:** The WG designed and distributed a global survey to determine the quality framework in existence across countries - in particular the current status of eQA globally. FDA was given an opportunity to comment on the survey before it was distributed. Around 120 responses from over 40 countries have been received. This data will be analysed and reported as a publication. Significant time was also spent developing paper for CCLM on "Glucose Meters – Fit for Clinical Purpose". This paper has been accepted for publication. The SD recommends closing the WG and transferring activities to the new IFCC Task Force on POCT.

WG – Quantitative Mass Spectrometry Proteomics (WG-cMSP)

- Term of Reference 1.** To review the state of the art in quantitative proteomics and to evaluate the capacity of different analytical (and preanalytical) approaches to play in the future a significant role for clinical biology.
- Term of Reference 2.** To evaluate the specification and the need for reference materials for quantitative proteomics applied to clinical biology. **Accomplishments include:** WG produced a scientific report that is now in press in CCLM titled, Quantitative Clinical Chemistry Proteomics (qCCP) using mass spectrometry: general characteristics and application.
- Term of Reference 3.** To design of a Quality Assurance/Quality Control (QA/QC) Program and to select a small series of analytes to be the subject of a future multi-site validation study. **Accomplishments include:** Hepcidin was selected in the first place since it can be measured in different body fluids, with different MS approaches, ELISA and reference RIA method exist for comparison, and it has a clinical interest. To implement a multi-site validation study, the following steps were conducted or planned:
- 1) list the different hepcidin MS methods present in the literature with their main characteristics: completed
 - 2) list the criteria important for qCCP: completed
 - 3) determine how the different MS methods answer to the criteria (performance, feasibility, cost, turnaround time: completed
 - 4) select 1 or 2 methods: completed
 - 5) start a pilot study and produce a first SOPs to implement the selected method in the participating labs.
- The pilot study will be implemented in three laboratories: Sylvain Lehmann (FR), Uta Ceglarek (DE), Cato Brede (NO). A general SOP is near completion in the laboratory of Sylvain Lehmann, France. Labelled hepcidin to be used as standard material has been purchase for the WG. The laboratory of Dorine. W. Swinkels will be commissioned (quotation in process) to assess and validate the used of this material.

WG-Serum Parathyroid Hormone (WG-sPTH)

This is a new WG established in 2012 by the SD. The Terms of Reference along with WG progress include the following:

- Term of Reference 1.** Collaborative educational effort to encourage worldwide implementation of PTH IS 95/646 and to assess the effect of this on between-method agreement. **Accomplishments include:** Confirmation of the commutability of the 1st International Standard for Parathyroid Hormone (PTH) (WHO IS 95/646) is essential before the WG can actively begin to encourage manufacturers to recalibrate their methods in terms of this IS. Preliminary work to assess the commutability of the 1st IS has been undertaken by WG members.
- Term of Reference 2.** Definition of inclusion / exclusion requirements for an appropriate panel of sera and plasma with which to establish reference intervals and establishment of such a panel with support from the clinical community and diagnostics manufacturers. **Accomplishments include:** Preparing good practice recommendations for the optimal pre-analytical handling of patients and samples is an essential pre-requisite. A rigorous systematic review of the relevant evidence has been undertaken by the WG under the direction of Dr Edmund Lamb.
- Term of Reference 3.** Development of a reference measurement procedure for PTH(1-84) to a standard that would enable its adoption by the IFCC reference laboratory network. **Accomplishments include:** A formal meeting with manufacturers was held at the AACC Annual Meeting in LA to discuss funding support. It is anticipated that \$100,000 (USD) is needed to set up a mass spectrometry method at Mayo for 1 year.

WG – CSF Proteins (WG-CSFP)

This is a new WG established in 2012 by the SD.

- Term of Reference 1.** Develop an international reference material for cerebrospinal fluid (CSF).
Projects include: 1. Collection of CSF material, 2. Preparation of the reference material, 3. Establishment of reference methods for the key measurands for assignment of values to the reference material. **Accomplishments include:** The work on the reference method has so far focused on a mass-spec method for Abeta 1-42 in CSF. There are four laboratories that are participating on this effort. These

include: Waters, PPD, University of Pennsylvania, USA and University of Gothenburg, Sweden. All labs have variants of the technique, that will now be compared in a Round Robin study. University of Gothenburg, Sweden has taken the lead to collect CSF for a large (5 liter) pool to be the basis for the reference material. A first commutability study, in which four different immunoassays and the SRM assay are compared on individual patient samples and aliquots from the reference material as well as artificial CSF has just been completed. Preliminary analysis of the data shows a very good commutability of the collected reference material, but not for different variants of artificial CSF.

WG – Standardization of Bone Marker Assays (WG-SBMA)

This is a new WG established in 2012 by the SD. This is a joint activity with the International Osteoporosis Foundation.

Term of Reference 1. Standardize or harmonize (as technically feasible or appropriate at this time) clinical assays available for routine and research use for the serum assay for C-telopeptide fragments of collagen type I α 1 chains containing the epitope Glu-Lys-Ala-His-Asp-s-Gly-Gly-Arg in an isomerised form (also known as serum Crosslaps (CTx)). **Accomplishments include:** Approximately 200 patient serum specimens have been analysed by each of the assays currently used routine clinical laboratories to assess the comparability of CTx values generated by these assays. The data are currently being analysed but preliminary assays confirm preliminary data obtained using External Quality Assurance Scheme specimens that there is a significant bias amongst these assays and that action is required.

Term of Reference 2. Standardize or harmonize (as technically feasible or appropriate at this time) clinical assays available for routine and research use and the serum assay for N-terminal Propeptide of Type I Procollagen (P1NP). **Accomplishments include:** None reported

Ian Young SD Chair and Gary Myers SD Secretary

EDUCATION AND MANAGEMENT DIVISION (EMD)

The committees and working groups of the Education and Management Division (EMD) have worked hard during the year to improve educational resources for IFCC member countries, particularly those developing their laboratory medicine services. The emphasis has continued to be on analytical and service quality and on emerging technologies.

The EMD Executive Committee (EC) met twice during the year, in January in Varese, Italy, and in November in Kuala Lumpur during the IFCC General Conference. All the members participated to both the two meetings except for Elizabeth Frank who was appointed after the meeting in Varese. The contributions of all the members was always very productive.

Much of the work of the EMD requires both EMD Officers and international scientific experts to travel to conduct workshops and make presentations at congresses in IFCC member countries. To finance this, we are dependent on the generous sponsorship of our Corporate members, particularly Abbott Diagnostics, which provides very generous support for the Visiting Lecturer Programme (VLP), very ably co-ordinated by Leslie Lai. During 2012, the following countries have benefited of VLP funding: Australia, Chile, China, Colombia, Cuba, Ecuador, India, Indonesia, Lebanon, Malaysia, Morocco, Palestine, Philippines, Romania, South Africa, Tunisia. Several VLPs are already scheduled for 2013 and we would welcome applications from National Societies for visiting lectureships for the coming year. These should be made to Leslie Lai, who is able to provide advice on the process, lecturers and topics.

Committee on Clinical Molecular Biology Curriculum (C-CMBC)

Following the success of the third course on molecular biology (C-CMBC) held in Guatemala last December, a fourth course has been held in Malaysia in November 2012. It is the intention of the EMD that a course should be held on an annual basis, in a country which has identified an educational need, to enable development of molecular biology services in their clinical laboratories. The course is extremely comprehensive and includes pre-course training for a young scientist from the host country, in the laboratory of the Chair of the C-CMBC, Michael Neumaier, in Heidelberg, Germany.

Committee on Analytical Quality (C-AQ)

Following projects, led by the Chairs Janice Gill and Egon Amann, are ongoing:

1. EQA Consultation: upon request of an IFCC member country, assist them to set up an external quality assessment (EQA) programme;
2. Quality of Management & Quality of Analysis Monograph: the monograph: "Quality of Management & Quality of Analysis - A

Handbook for developing Countries” was jointly developed by C-CLM and C-AQ.

3. Analytical Quality – A Checklist: to contribute a chapter on EQA to the AACB Clinical Biochemist Reviews Supplement ‘Analytical Quality – a Technical Checklist’ for publication by the IFCC.
4. IFCC Website – C-AQ Section: a review of the current web page and initial discussions on the future content has taken place. With the release of the new IFCC website this will become a priority.
5. Review IFCC Fundamentals for EQA/IQC: the aim is to revise and publish ‘IFCC Fundamentals for External Quality Assessment’ (1996), develop educational material on Fundamentals of Internal Quality Control.
6. Electronic Distance Learning: the aim is to establish electronic distance learning on analytical quality topics.

Committee on Evidence-Based Laboratory Medicine (C-EBLM), under the chairmanship of Robert Christenson, has continued its excellent work in the provision of presentations and workshops on EBLM techniques. To spread knowledge of the concepts of EBLM more widely, The Committee is hoping to use the new IFCC website as a means to deliver training in evidence based laboratory medicine.

The C-EBLM has continued to support Hernan Taie’s excellent Iberian Laboratory Medicine Radio Station. This effort is supported, in part, by the IFCC. Members of the C-EBLM have provided several lectures in this program. The IFCC’s C-EBLM co-sponsored a Symposium along with the AACC’s EBLM Committee. The symposium was held at the 2012 AACC Annual Meeting in Los Angeles, CA and involved international practices of EBLM.

Prof. Christenson will participate on behalf of both the IFCC C-EBLM and the AACC in a symposium titled ‘Cardiac Biomarkers - The Evidence Base’ at the AACB Annual Conference to be held in Queensland, Australia in September of 2013.

Dr. Florkowski performed a Visiting Lecturing Professorship in South America.

Prof. Christenson was invited by Dr. Beastall to lead three workshops at the IFCC General Meeting in Kuala Lumpur. These practical workshops were held and well-received by participants.

A symposium on Evidence Based Laboratory Medicine was accepted for presentation at the 2013 EuroMedLab Meeting 2013 in Milano. Proposal for two-day workshop was accepted by the 2014 WorldLab Congress committee in Istanbul. The workshop will be spearheaded by Diler Aslan and developed by the C-EBLM.

Committee on Clinical Laboratory Management (C-CLM) functioned under the able chairperson of Dr. Elizabeth Frank (IN) until May 13th when John Krahn (CA) was appointed as chair.

The monograph entitled - “Quality of Management & Quality of Analysis - A Handbook for developing Countries”, jointly developed by C-CLM and C-AQ, was published. This monograph is available for download in pdf form from the IFCC website under the C-CLM tab.

In September 2012 members of the committee travelled to Cape Town, South Africa to attend the “Pathpoint Conference” chaired by Dr. Rajiv Erasmus. Presentations made under the auspices of the VLP Program were as follows:

- “Beyond accreditation, Innovation to improve Laboratory performance” Dr. Elizabeth Frank
- “QI Tool Box and its relevance (Lean DMAIC, Root cause analysis, value stream analysis, pareto six sigma)” Dr. John Krahn
- “Minimising errors in the laboratory” Prof. Rajiv Erasmus
- “Quality Management Systems – Implementation and Improvement” - Dr Barbara Goldsmith

A new **Committee on Distance Learning (C-DL)** has been established under the chairmanship of Janet Smith. Her Committee works in collaboration with the Communications and Publications Division Committee on Internet and eLearning (CPD C-IELE) to develop an IFCC strategy for distance learning. They met for the first time in Kuala Lumpur.

Working Group on Laboratory Errors and Patient Safety (WG-LEPS):

The project on a set of quality indicators (QIs) in the total testing process has been further developed by reviewing the preliminary indicators through a consensus among laboratories attending the project itself.

In particular, while the QIs identified have been maintained, it has been decided to split them, or better some of those QIs; to allow an easier and more accurate collection of data.

The website which has been specifically developed for allowing the laboratories to understand the project, collect and submit the data, has been improved and renamed and the current address is www.ifcc-mqi.com.

Meetings in which the IFCC WG has been recently requested to deliver lecturers:

- a) February 2 2012 “Labquality Days” - Helsinki
- b) May 16-18 2012 XVII “Congreso Chileno de Quimica Clínica” – Santiago
- c) June 5-6 2012 “Convocation of experts on Laboratory Quality” - Cologne
- d) June 17-20 “Annual Conference of the Canadian Society of Clinical Chemistry” - Quebec
- e) September 18-22 20 “Meeting of the Balkan Clinical Laboratory Federation” - Belgrade
- f) October 25 “International Conference on Laboratory Medicine” - Padova

Publications

- 1) Plebani M, Chiozza ML, Sciacovelli L. “Towards harmonization of quality indicators in laboratory medicine”. Clin Chem Lab Med. 2012 Sep 28;0(0):1-9.

2) Plebani M. "Quality indicators to detect pre-analytical errors in laboratory testing". Clin Biochem Rev. 2012 Aug;33(3):85-8.

Flow cytometry (WG-FC): in collaboration with Beckman Coulter and the Leipzig Translational Centre for Regenerative Medicine, Ulrich Sachs has organized a flow cytometry course in Leipzig, Germany in February 2012.

A IFCC/ESCCA Beckman Coulter Flow Cytometry Course is already planned in St. Etienne / France • 11-13 April 2013. The course intends to provide high quality lectures on cell analysis including the most recent flow cytometry applications.

The EMD remains committed to the project for **Developing Quality Competence in Medical Laboratories (DQCML)**, chaired by Michael Thomas who has been re-appointed for the second term as a Consultant and Chair. The aim of the DQCML project is to develop transferable education templates in Developing Countries.

Maurizio Ferrari
EMD Chair

COMMUNICATIONS AND PUBLICATIONS DIVISION (CPD)

This was the third year of Ellis Jacobs' second term as CPD chair. Three face-to-face committee meetings were held (Milan in January, Marrakech in May, and Kuala Lumpur in November). There was a CPD symposium at the AFCB conference in Marrakech 2012 on Public Relations and Value of Laboratory Medicine, and two workshops at the recent General Conference. The new IFCC website was fully updated with all major links completed. A Request for Proposal for a new IFCC official journal and to assist with publishing the eJIFCC sent and the bidding process was completed, leading to the recommendation to choose Elsevier and CCA as the official publisher and journal. The newly-formed Committee on Internet and eLearning (C-leL) was started in 2012 with Peter Vervaart as chair and met for the first time during the General Conference in KL.

Committee on Public Relations (C-PR)

All translations of the IFCC brochures were recently updated to reflect changes in the Executive Committee and terms of office. Thus far, the following brochures have been updated and printed for 2012-2014: English, Spanish, Chinese, French, and Arabic. The brochure was also recently translated into the Turkish language with the help of the Turkish society, in preparation for the next ICC congress in Istanbul in 2014. Updates to the following brochures are in progress or have been completed: French, Italian, German, Russian, Portuguese, Farsi and Polish.

A draft of the IFCC public brochure has been developed by LL and KA and was discussed at the C-PR conference in Berlin. A number of changes are being made to this brochure and it should be completed in the near future. The brochure is not yet completed, but it is a priority for 2013.

- Joint IFCC-"Labs are Vital" PR Initiatives - A joint workshop presentation on PR-LAV activities was held by KA and SS during the IFCC general conference in KL. The new mission of the LAV program has a particular emphasis on developing the evidence for the vital role of the clinical laboratory medicine in healthcare delivery. This is in line with the current strategic direction of the IFCC and the development of a Task Force on the Impact of Laboratory Medicine on Clinical Management and Outcomes (TF-ICO).
- IFCC Public Relations Slide Kit and IFCC Laboratory Medicine Slide Kit – Both slide kits have been finalized and provided to the EB and IFCC officers for presentation at national and international events.

Committee on Internet and e-Learning (C-leL)

This committee met for the first time at the General Conference in Kuala Lumpur. The committee also met with the recently formed Committee for Distance Learning and will work closely with them in developing electronic/distance learning materials and access for IFCC members utilizing an 'e-Academy' approach.

There were over 117,000 visits to the IFCC website during 2012, with 27% being return visitors. The second phase of the website launch is planned to include a: 1) eLibrary and archives, 2) private areas, 3) bookstore 4) CPD tracking and 5) pay pal. The IFCC Facebook and LinkedIn pages continue to attract interest and members with the LinkedIn group being by far the most popular with over 500 members.

A number of web pages have been developed and/or linked to the IFCC website including pages for the Task Forces Paediatric Laboratory Medicine and Young Scientists as well as the "El Microscopio" project out of the RIA. A 'Contact Us' form page has also been developed and is now available on the website.

A trial of electronic voting utilizing the Election Buddy platform occurred prior to and at the General Conference and was highly successful.

Working Group on Electronic Journal of the IFCC (WG-eJIFCC)

Four volumes of eJIFCC were published in 2012.

Volumes 1 and 2 were edited in the old fashioned way; individual articles represented the volume. Seven articles were included from seven countries (Australia, US, France, Slovakia, Poland, India and Hungary).

Vol.3 was the first issue in which the Electronic Journal of IFCC publishes a thematic issue that has been edited by guest editors.

The title of this special edition is "Lab-on-Chip Technology for Clinical Diagnostics". Guest editors of this special issue are Dr. Loes Segerink, Prof. Istvan Vermes and Prof. Albert van den Berg from the MESA+ Institute for Nanotechnology, University of Twente, The Netherlands. Six invited papers were from The Netherlands, US, Germany. Two additional publications were added, they came from the US and Spain. Vol.4 This issue of the eJIFCC is dedicated to highlight some aspects of clinical flow cytometry. The guest editor will be Professor Janos Kappelmayer (University of Debrecen, Hungary).

Working Group on IFCC News (WG-eNews)

The WG membership consists of representatives from Spain, Serbia, Morocco, Nigeria, South Africa, Greece, Brazil, Canada, Cyprus, Malaysia, Mexico, Morocco, Nepal, Poland, Slovenia, Tunisia, Uruguay & Vietnam. Additionally, there are National Society liaisons from Australasia, Chile, Serbia, UK, USA, Paraguay, Spain, Taiwan, Pakistan, Latvia & Vietnam. The schedule of 6 issues per year has been maintained with good content. The content can be seen on the IFCC Website under IFCC eNewsletter archives. The eNewsletter is now better situated on the new Website and it seems that the number of visits have increased over the last year.

As for the former years, WG and Liaison Members have been reminded on a regular basis (with deadlines given) to submit articles and encouraged to submit at least two per year.

The eNewsletter WG is now chaired by Professor Tahir Pillay as of January 2013, Professor Delvin having held this role for 6 years.

New IFCC Task Force on the Impact of Laboratory Medicine on Clinical Management and Outcomes (TF-ICO) was created based on the discussions held at the Toronto CPD meeting. KA put together a proposal reviewed by EJ. The TF-ICO is chaired by Mike Hallworth, who assisted in further developments of the TF creation. Details can be read at the TF-ICO annual report section.

Documents from Committees & Working Groups

The database (available on the website) continues to be updated as publications are forthcoming.

Books: The 2012-14 IFCC Handbook has been prepared and distributed on a CD, as well as being available on the IFCC website. Revision and updating of the "Silver Book": Compendium of Terminology and Nomenclature of Properties in Clinical Laboratory Sciences (IUPAC and IFCC Recommendations) continues.

Journals: Meeting of National Society Journal Editors/Publishers: Next year's meeting has been scheduled to take place in Milan, Italy at the EuroMedLab. All society journals and publishers will be invited to attend the meeting.

Clinical Chemistry & Laboratory Medicine (CCLM): The contract with Walter deGruyter relative to CCLM being the official journal of the IFCC, expires 22-Jul-2013. Currently, all IFCC documents are available free on the CCLM Web Site. Free access to full online version is available for all NR & PR of member societies, CR, EB, DC, and IFCC Regional presidents. There are also reduced-rate subscriptions available for the paper CCLM through National Societies. A request for proposal for publishing the eJournal as the official journal of the IFCC, rather than an existing journal, was sent.

Corporate Member Activities: Bruce Jordan (Roche Diagnostics) is a very active participant in the CPD EC meetings and provided some great support materials for the 60th anniversary event in K-L, including: design, development, printing and shipping of 6 free standing banners depicting the Divisions, as well as the key people and growth of the IFCC over the 60 years, and the corporate members; an animated presentation as a backdrop to the IFCC gala dinner in KL, a PDF version for distribution from the IFCC website.

Membership

Gabor Kovac replaced Grazyna Sypniewska as of January 2012. Call for Nominations for Vice Chair and IFCC News editor with terms starting in 2013 were sent out and new appointments were made. As of January 2013, Khosrow Adeli will assume the role of Chair, Edgard Delvin as Vice-Chair/PR coordinator position, and Tahir Pillay as eNews editor.

Khosrow Adeli
CPD Chair

IFCC TASK FORCES

TASK FORCE ON ETHICS (TF-E)

Achievements in 2012: proposed a plan to manage conflict of interest within IFCC; outlined considerations for a policy on relations with industry; published an extensively annotated bibliography ("white paper") on publication ethics, posted on IFCC website in English, translations in 3 other languages are completed; revised and shortened survey on teaching of ethics in training programs. Plans: conduct survey of teaching of ethics in training programs in clinical chemistry and laboratory medicine; email to National reps and presidents to request names and contact information for directors of postdoctoral training programs (MMcQ); set up Survey Monkey survey through auspices of IFCC office; prepare summary of types of ethics that are relevant to laboratory medicine.

TF recommends that journals in laboratory medicine support COPE, the major international group dealing with problems in publication ethics. We recommend that eJIFCC consider supporting COPE.

David Bruns
TF-E Chair

TASK FORCE ON PAEDIATRIC LABORATORY MEDICINE (TF-PLM)

The purpose of this Task Force is to develop procedures and processes to improve the diagnosis and management of patients from birth (or even before) to adolescence.

Activities of the Task Force will include: coordination, promotion and development of existing IFCC SD research activities associated with reference intervals. Existing regional groups within IFCC, e.g., the Nordic States (Denmark, Sweden, Norway, Finland and Iceland) are currently engaged in the development of Paediatric Reference values. By close interaction with this group and the IFCC SD, the Task Force will expand these activities to other regions of the world; planning of the next International Congress of Paediatric Medicine (ICPLM), to be held June 20-22nd 2014. The Congress will be held prior to the IFCC WorldLab 2014 in Istanbul, Turkey; regular publication on the website of reports on the progress of the Task Force's activities and relevant articles in the field of Paediatric Laboratory Medicine; development of on-line resources for Education in the field of Paediatric Laboratory Medicine.

A website with the activities of the TF-PLM is now in place. Tim Lang is the website coordinator.

Vijay L. Grey
TF-PLM Chair

TASK FORCE ON PHARMACOGENETIC (TF-PG)

The IFCC TF-PG committee aims to provide guidance documents for laboratories to facilitate the proper implementation of pharmacogenetic analyses for patient diagnostics. The committee has in 2012 followed the pharmacogenetics field to identify markers that could be subject for successful guideline preparation. Interaction with other societies in this field was continued or sought, such as IATDMCT (Pharmacogenetics Committee), NIH PGRN (CPIC), AACC (Div Personalized Medicine) and European Society for Pharmacogenetics and Theranostics (ESPT).

The TF-PG recognized that a laboratory perspective of the guideline thus far reflects the view of only a limited number of laboratories, and could benefit from a broader input. Collaborations on writing guidelines have been explored with the European network for Pharmacogenetics and Theranostics (ESPT) and the International Association for Therapeutic Drug Monitoring and Clinical Pharmacology (IATDMCT). The role of the IFCC TF-PG has been presented in several international meetings.

In 2012, three members of the committee (RvS, MN, BJ) had a meeting in Kuala Lumpur (during the IFCC General Assembly) in which an adaptation of the strategy for generating outputs from the TF-PG were discussed and proposals made for action. Contact with the IFCC CMD was made to discuss joining efforts in network formation and guideline preparation.

Ron HN van Schaik
TF-PG Chair

IFCC and WASPaLM TASK FORCE ON CHRONIC KIDNEY DISEASE (TF-CKD)

The TF-CKD represents an important collaboration between the international organisations for Laboratory Medicine and Pathology. The TF and its members were involved in a range of International activities during 2012. These activities included:

- Members of the Task Force attended the NKDEP Laboratory Working Group and the Graham Jones presented on the activities of the Task Force to the closed meeting and the manufacturers' meetin.
- The Task Force had an informal face to face meeting in Los Angeles at the time of the NKDEP Laboratory Working Group. It was specifically recognized that the pending publication of the KDIGO revised CDK guidelines may provide a useful stimulus for focusing on laboratory testing for CKD.
- David Seccombe attended the IFCC General Congress in Kuala Lumpur and conducted a workshop about the needs of individual countries in the field of CKD testing. A number of clear areas of potential assistance from the TF were identified such as advice on standardization of serum creatinine assays, choice of formula for eGFR calculation and the role of cystatin C.
- Graham Jones presented two workshops at the Abbott "Turning Science into Caring" symposium in Shanghai and obtained results to a questionnaire about eGFR reporting in Asian countries. It was noted that while many laboratories report eGFR, there are few national programs supporting coordinated activities.

Graham Jones
TF-CKD Chair

TASK FORCE ON IMPLEMENTATION OF HAEMOGLOBIN A1c STANDARDISATION (TF-HbA_{1c})

Achievements in 2012: a Group Experts has been formed; the Scientific Advisory Board to Network now has 15 labs (6EU, 6Asia, 3US); the Monitoring Master Equations NGSP –JDS/JSCC-MonoS and validity has been confirmed. In relation to Reporting Units and Education, the TF encouraged Journals to require both SI (IFCC) and NGSP units; undertook International Questionnaire; gave lectures in Asian Pacific Branch of the IDF; worked with WHO to deliver HbA_{1c} in developing countries; developed review article on HbA_{1c}.

The next meeting of the TF will be in EuroMedLab Milan May 2013; TF intention is to organise a symposium at the IFCC WorldLab Istanbul 2014 with key-topics Units – HbA_{1c} for diagnosis/screening and Quality Specifications for Monitoring-Diagnosis-Screening).

Garry John
TF-HbA_{1c} Chair

TASK FORCE FOR YOUNG SCIENTISTS (TF-YS)

The aim of IFCC Task Force for Young Scientists (TF-YS) is to ensure that young (aged less than 35) scientists make a significant and growing contribution to the activities of IFCC and to the promotion of laboratory medicine at the center of healthcare.

The TF-YS core-members have initiated the development of the task force network and have interacted to allow this network to expand and be dynamic. Network expansion is accomplished through networking session in IFCC events, in TF-YS sessions or through the TF-YS linkedin group.

Sessions were held in different events placed under the IFCC banner in 2012: Brussels in June, AACC in Los Angeles in July, JIB in Paris in November and ACBI in Ranch in December. These sessions have allowed identifying young scientists, from different fields of expertise, in 35 countries.

The exchanges between TF-YS members have also provided written materials discussing needs and visions about laboratory medicine future, and this content has been uploaded on the TF-YS webpage of the IFCC website. Articles have been published in Medlab magazine, biologistes infos and healthcare executive and several articles have been published by YS in the IFCC news and have generated more transparency about the IFCC TF-YS. Articles have also been published in the newsletter of the congresses where a TFYS session was held. TF-YS webpage of the IFCC website has been revised and is now providing: learning opportunities, link to TFYS documents and overview, e-Seminars from young scientists.

Damien Gruson
TF-YS Chair

TASK FORCE ON CLINICAL APPLICATIONS OF CARDIAC BIO-MARKERS (TF-CB)

The objective of the TF is to produce educational materials about the best use of cardiac biomarkers in daily practice. We had chosen the use of high-sensitive cardiac troponin assays as our first priority for educational materials. In 2012 we met in Barcelona for a day and half meeting, in Los Angeles at the AACC and in Munich at the ESC Meeting.

We plan to develop the educational materials from own-produced short documents covering the most relevant issues about high-sensitive troponins use. Up to date, the TF has co-authored a mini-review on “Analytical aspects of high-sensitive troponin assays”, published in January 2012 in Clin Chem.

We are not the only group working in the area of cardiac biomarkers. There are groups in several clinical societies that are developing guidelines, recommendations, etc. that could be disseminated in the future in the form of educational materials. Several members of the TF-CB are involved in such groups and can help us to establish partnerships.

We have presented, with the cooperation of various US members of the TF, a proposal for a workshop at the next 2013 AACC meeting.

Jordi Ordoñez-Llanos
TF-CB Chair

TASK FORCE ON POINT OF CARE TESTING (TF-POCT)

The POCT task force has had one teleconference, several email conversations and a two day face to face meeting at this year's General Conference in KL.

The TF spent considerable time reviewing what its priorities should be and it has decided that it will work on the following:

- Preparing an educational document directed at non-scientists and sites setting up POCT for the first time entitled “Thinking of Introducing PoCT –Things to Consider”.
- Work on an educational document on environmental stress testing for POCT.
Predominately our focus will be to improve education for POCT operators outside of the laboratory.
We have also determined the need for a working group to develop a guideline on “How should Glucose Meters be evaluated for Critical Care”. Terms of reference for this group:
 - evaluate the clinical practice of using blood glucose meters for critically ill patients
 - determine the requirements a glucose meter need to full fill in order to be used for critically ill patients, propose what internal- and external quality control systems that should be present,
 - evaluate which, if any, of the present instruments in the market fulfil these criteria,
 - provide recommendations for training and competency of users in critical care areas.

The TF is planning a POCT satellite meeting in Istanbul attached to IFCC WorldLab Istanbul 2014

Rosy Tirimacco
TF-POCT Chair

TASK FORCE ON THE IMPACT OF LABORATORY MEDICINE ON CLINICAL MANAGEMENT AND OUTCOMES (TF-ICO)

Formation of the Task Force was approved by EB in February 2012, under my chairmanship. The following terms of reference were agreed:

- Evaluate the available evidence supporting the impact of laboratory medicine in healthcare (a critical review of published literature) with a focus on data published since 2007.
- Develop the study design for new retrospective and prospective studies to generate evidence-based data to support IFCC promotional activities to the healthcare community and the public.

The Task Force has held two conference calls during 2012 and a face-to-face meeting at the General Conference in Kuala Lumpur. The primary focus initially is the production of a paper for submission to Clinical Chemistry – “The current and future role of

laboratory medicine in influencing clinical outcomes” - which will discuss the difficulties inherent in obtaining good evidence for improved outcomes resulting from laboratory testing, review existing evidence, identify opportunities and make recommendations on proper study design. Each member of the Task Force has provided input into various sections of this paper, and these submissions are currently being collated by the Chair for further discussion at our next meeting in Milan in May (Euromedlab), and production of a final draft for submission in summer 2013.

The Task Force will then work on supplementing the initial paper with more detailed work in specific areas.

Mike J. Hallworth
TF-ICO Chair

ORGANIZATIONS (REGIONAL) AFFILIATED WITH IFCC

There are five main Regional Professional Laboratory medicine organizations which can be considered IFCC regional partners:

- AFCB - Arab Federation of Clinical Biochemistry
- AFCC - African Federation of Clinical Chemistry
- APFCB - Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine
- COLABIOCLI - Latin-American Confederation of Clinical Biochemistry
- EFLM - European Federation Clinical Chemistry and Laboratory Medicine

AFRICAN FEDERATION OF CLINICAL CHEMISTRY (AFCC)

- The AFCC currently consists of 13 Member countries: Egypt, Ethiopia, Ghana, Kenya, Morocco, Nigeria, Rwanda, South Africa, Sudan, Tunisia, Uganda, Zambia, Zimbabwe.
- New member countries that joined the AFCC in 2012 included: Egypt, Ethiopia, Ghana, Uganda, Zambia, Zimbabwe.
- African countries that applied and obtained IFCC membership in 2012 include Zimbabwe and Zambia.
- Rwanda formed a professional society: Rwanda Society of Pathologists.
- The Biomedical Society of Zambia participated in the National Laboratory Professionals week which was a huge success and an article was sent to IFCC e-news.
- The website of the AFCC was launched (www.afccafrica.com).
- The president was co-convenor and gave a talk at the 1st International conference of the African Society for Laboratory Medicine (ASLM). The session was entitled “International Collaboration with ASLM to strengthen Laboratory Medicine”. The session was co-hosted by Dr Tsehaynesh Messele. (Participation in this event by the IFCC was important with regards to the memorandum of understanding signed between ASLM and IFCC)
- Organizing of the 3rd congress of the AFCC to be held in Cape Town, South Africa started. The congress will be held jointly with the Laboratory Medicine congress, from 28 – 31 July in the Cape Town International Convention Centre. A pre-congress workshop on quality management and a 5-day hands on molecular biology workshop to be held with the support of the IFCC.

Vanessa Steenkmap
AFCC President

ARAB FEDERATION OF CLINICAL BIOLOGY (AFCB)

The (AFCB) is a Regional Federation of Associations, Societies or Syndicates of Laboratory Medicine in Arab Countries. Members of the societies members are specialized in different area of Laboratory Medicine and they work in the public sector or in private medical laboratories. The Federation is formed by eleven Arab countries: Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine, Sudan, Syria, Tunisia and Yemen.

Executive Board Meetings

The first meeting held in Marrakech in May 3rd, 2012: during this meeting the new AFCB-EB was elected : Layachi CHABRAOUI, President (Morocco), Mohammed SHAARAWY, Honorary President (Egypt), Imad ITANI, Past-President (Lebanon), Adel MASTORI, Vice-President (Lebanon), Mohammed Hassane KAMIL, General Secretary (Soudan), Ayad Aïssa ABBOUD (Lybia), Molham ALHABOURI (Yemen), Saloua AMARIN (Jordan), Smail BELAZZOUG (Algeria), Wadie KHROUF (Tunisia), Osama Abdelmoutaal MANSOUR (Egypt), Osama NAJJAR (Palestine), Mohammed TINAWY (Syria).

The Scientific Committee chaired by Pr Abderrazak HEDHILI will be strengthened by the appointment of three members from each member country. It is charged to foster continuing education through the planning and organizing educational training sessions and workshops, in the different countries members of the Federation.

The 2nd meeting held in October 5th, 2012 in Beirut: during this meeting many National Societies members asked for support to organize workshops.

The Committee of communication, chaired by Dr Saloua AMARIN, was charged to improve the AFCB website (www.afcbforyou.org). Dr Wadie KHROUF is in charge of coordinating assurance quality activities.

Dr Osama NAJJAR is in charge of the coordination between AFCB and IFCC.

Scientific Activities

This report pertains to the activities that abide to the continuing education mission of the members of the National Societies affiliates to the AFCB. Some activities were under the patronage of the Arab Federation of Clinical Biology (AFCB) with the support of the IFCC. These events targeted to disseminate new material in the field of Clinical Laboratory; they particularly represent effective tools to be made use of in the quest of "QUALITY" in our profession. This report doesn't include all the activities conducted in the year 2012. In line with its strategy regarding its involvement in the continuing education process coupled with the precious support of the IFCC, and in view of the unfortunate situation in many of the Arab countries, the AFCB set the following scientific activity plan:

► Workshops organized by National Societies

ALGERIA, March 2012: "Workshop on Haemostasis"; December 12, 2012: "Workshop on Cardiac Biomarkers";
EGYPT April 2, 2012: "Workshop on Micro RNAs in Health and Disease, Basic Science and Clinical Applications";
JORDAN (Amman) July 7, 2012: "Extensive Training Course in Epidemiology and Molecular Lab Detection of Fastidious Human Bacteria infections";
LEBANON (Beirut) : March 10, 2012 : "Quality Improvement tools and Applications"; March 21, 2012 : "Workshop on Vitamin D"; March 30, 2012 : "Time Management and Information overload" ; 4 October, 2012 : « 2nd Congress of FIFBCML » ;
MOROCCO (Rabat) December 20, 2012: "Workshop on Inborn Errors of Metabolism";
PALESTINE 15 March, 2012: National Meeting; 9 December, 2012: "Workshop on Hematology "
TUNISIA: 10 February and 24 March 2012: "Workshop on Spermogramme"; 8 March 2012: « Workshop Les Tests Rapides en Microbiologie » ; 5 April and 21 September 2012 « Quality assurance » ; 22 May 2012: "Molecular Biology"; 22 June, 2012: "Hemoglobinopathies" ; 7 September, 2012: "Hemostasis".

► ARABMEDLAB Marrakech 2012

From May 2nd to May 5th 2012, Marrakech hosted the joint meeting of the 13th Arab Congress of Clinical Biology (ArabMedLab2012) and the 12th Moroccan Congress of Clinical Chemistry and Laboratory Medicine, held under the auspices of the IFCC.

The plenary inaugural lecture was delivered by Professor Gérard SIEST who gave an enlightened account of the development of pharmacogenetics in the course of the past 20 years and a glimpse of the future input of theranostics in the follow-up of pharmacologically treated patients. As opening lecture, Professor Nouzha GUESSOUS gave a lucid and vivid account of the status of bioethics in laboratory medicine in the world, referring to the seminal document published by the UNESCO under her leadership as Chair of the Committee.

Among the highlights of the meeting was Novel biomarkers. Proficiency testing, quality management and accreditation were central subjects to the meeting having diseases and conditions of high priority in terms of public health in the Arab world, such as haemophilia; haemoglobinopathies; celiac disease and the emerging bacterial resistance to antibiotics, as background. Well-known scientists, from many countries, led the symposia.

The poster session allowed young scientists to present and discuss their results with authorities in their respective fields.

Exhibitors had ample opportunity to meet conference attendees in a very friendly atmosphere within the Marrakech Convention Center (Palais des Congrès).

Several committees (IFCC-EB, IFCC-CPD, IFCC-SD, AFCB and FIFBCML) held their business meetings before and during the meeting. Members of the Executive of the IFCC Communication and Publication Division, in the scope of a symposium, addressed the theme of Public relations and the value of laboratory medicine.

Some Awards and Nominations were received during the ArabMedLab 2012 Meeting: Professor Mohammed Lahrichi and Doctor Halima Elalamy received a well-deserved recognition for their lifelong services to the Société Marocaine de Chimie

Clinique, and Professor Layachi Chabraoui, President of the Moroccan Society of Clinical Chemistry and Chair of the International Scientific Committee of the ArabMedLab 2012, was nominated President of the Arab Federation of Clinical Biology

Layachi Chabraoui
AFCB President

ASIA-PACIFIC FEDERATION FOR CLINICAL BIOCHEMISTRY AND LABORATORY MEDICINE (APFCB)

The Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine, 2012 Annual report

Executive Board

Leslie Lai (Malaysia)	President
Joseph Lopez (Malaysia)	Immediate Past President
Sunil Sethi (Singapore)	Vice-President
Endang Hoyaranda (Indonesia)	Secretary
Elizabeth Frank (India)	Treasurer
Martin Fuhrer (Siemens)	Corporate Representative

Chairs of Committees

Communications (C-Comm)	Praveen Sharma (India)
Congress and conferences (CC)	Joseph Lopez (Malaysia)
Education (C-Edu)	Samuel Vasikaran (Australia)
Laboratory Management (C-LM)	Tony Badrick (Australia)
Scientific (C-Sci)	Kiyoshi Ichihara (Japan)
Honorary Executive Officer	Dr Johnson Wijaya (Indonesia).

Report from the Education Committee (C-Edu)

APFCB Travelling Lecturer: Dr Angela Wang from Hong Kong delivered her lecture "Inflammatory markers in renal disease" to the MACB in Kuala Lumpur, Malaysia in July 2012 and in Kunming, China in August 2012.

IFCC-Abbott Visiting Lecturer: Dr Gary Myers was the IFCC-Abbott Visiting Lecturer to the APFCB region in 2012. His topic was "Current Markers of Cardiovascular Disease". Dr Myers visited China and Hong Kong in May 2012. He presented a plenary lecture at the AACB ASC in Melbourne on the 15th of November 2012 followed by further lectures at the MACB conference in KL on November 21st, IACC special seminar in Jakarta on the 24th of November, and the PAMET conference in Manila on the 28th of November.

The APFCB Webinar, that was sponsored by Siemens Diagnostics, was delivered on April 4th 2012 by Dr Elizabeth Frank of India. The topic was "How to prepare your lab for accreditation".

The APFCB Interpretative Comments Education Program for 2012 continued to be coordinated by Dr Gordon Challand of UK.

Two scholarships of up to SGD 3500.00 each were awarded for attendance at the AACB ASM in Melbourne in November 2012.

The Education Committee organised the APFCB-sponsored symposium "Osteoporosis: Investigations, fracture risk assessment and monitoring of treatment" at the EFLM-UEMS Conference, in Dubrovnik, 10-13 October 2012.

Report from the Scientific Committee (C-Sci)

Collaboration by countries in the APFCB region in the worldwide study on reference values. The study, planned and coordinated by the Committee on Reference Intervals and Decision Limits (C-RIDL), IFCC, was launched in December 2011. Its objectives are 1) to establish country specific RIs in a harmonised way using the common C-RIDL protocol, and 2) to explore sources of variations of major analytes across the countries after alignment of test results through common measurement of a panel of sera prepared by C-RIDL. A total of 12 countries worldwide are collaborating in the study of which four (4) are from the APFCB region, namely, Japan, China, India: and the Philippines. The results will be combined with those from the 2009 Asia study consisting of test results of 72 analytes from 3500 volunteers. The entire results from Asia are to be presented and discussed during the 2013 APFCB Congress in Bali.

A joint project is under way on the standardisation of testosterone and related analytes assays by use of mass spectrometry among researchers in the APFCB region, coordinated by Dr Ronda Greaves. It is anticipated that the initial results of this project will be presented at the APFCB Congress in Bali in October 2013.

A project on establishment of a mass spectrometry-based assay system or paediatric screening of neuroblastoma in Vietnam is also under way, coordinated by Dr Ronda Greaves. This project was awarded a research grant from the APFCB. It is anticipated that the results of this project will be presented at the APFCB Congress in Bali in October 2013.

Report from the Laboratory Management Committee (C-LM)

The major activity of the CLM is the organisation and delivery of the QA/QC Workshops. Planning is well underway for a workshop in Vietnam to be conducted in March 2013. The Workshop has been prepared with the generous support of Becton Dickinson.

A needs survey amongst member societies has been undertaken. We are waiting feedback from member societies/associations to inform the Executive Committee on the preferred future activities of the APFCB.

One of the goals of the CLM was to begin raising awareness amongst members of the APFCB of the importance of lessening the environmental impact of clinical laboratories. This continues with relevant material on the website.

Report from Communications Committee (C-Comm)

The APFCB website (www.apfcb.org) was launched on 1st Nov 2011 and is regularly updated with comprehensive information on the organisation and activities of APFCB and its member societies.

The APFCB e-News 2010 and 2011 were published online on the APFCB website. The APFCB News 2012 is being compiled and will be published by the end of February 2013

Public Relations: a power point presentation on the APFCB, its members and its activities has been developed to promote the APFCB.

Report from the Congress and Conferences Committee (C-CC)

13th APFCB Congress

The dates of the congress have been changed to 27-30 October 2013. This change has been necessitated due to the annual APEC summit of Heads of States which will be held in early October 2013 at the same convention centre.

Speciality Meeting

An APFCB Speciality meeting on Pre-Analytical issues will be held in Vietnam in March 2013, sponsored by BD.

Leslie Lai
APFCB President

CONFEDERACIÓN LATINOAMERICANA DE BIOQUÍMICA CLÍNICA (COLABIOCLI)

Summary of Activities of the Executive Committee 2012

On January 12, 2012, was held the first meeting of the Executive Committee, to discuss the operation and make projections of COLABIOCLI for the period 2011-2013. In the same was resolved:

- develop strategies to integrate the all Confederate countries, recommending the formation of regions, so that from them, running specific activities;
- progress on the creation of the Department of Communications, in order to optimize the information from an electronic newsletter and updating the corporate website;
- working in proposals received regarding the amendment of bylaws. Approved conducting a workshop meeting with working mode on the topic in Argentina, in the month of November 2012, as part of the "VII Congreso Argentino de la Calidad en el Laboratorio Clínico";
- to approve the continuation of the distance course sponsored by PAHO Quality Management and Good Laboratory Practices, whose third edition will begin in March 2012;
- work on the development of a survey in order to gather information regarding the curriculum load for the professional training of health laboratory;
- request the Accounting Advisory of "Confederación Unificada Bioquímica de la República Argentina" (CUBRA) mechanisms to arbitrate the institutional account opening;
- keep Working Committees with the current shape until the next meeting, which will assess possible modifications;
- develop activities to strengthen the relationship with the other professional bodies, particularly with IFCC;
- communicate to all confederations, the decisions taken.

17 March, 2012: participation in the workshop "El laboratorio de análisis clínicos como institución de salud – Nociones básicas de negociación con los financiadores", organized by the "Asociación de Bioquímicos del Paraguay".

28 to 30 March participation in the "VIII Congreso Nacional de Patología Clínica", CONAPAC 2012, and in the "1er Simposio Internacional de Buenas Prácticas y Gestión de la Calidad en el Laboratorio Clínico", developed in the city of Havana, Cuba. In the course of the event of high scientific - academic, fraternized with fellow participants and meetings were held with the Board of the "Sociedad Cubana de patología Clínica" and with President of the IFCC, Dr. Graham Beastall, who were treated issues related to communication between the two institutions, the possibility of developing a meeting of the Board of IFCC in the city of Buenos Aires in late February and the proposal to sign a cooperation agreement to expedite collaboration on projects in the areas of communication and training.

On April-May, 2012: the EC was invited by the "Sociedad Chilena de Química Clínica" is part of the "XVII Congreso Chileno de Química Clínica", as part of the Symposium "Laboratorios clínicos: acreditación, calificación y competencias de los evaluadores". "COLABIOCLI y la cooperación de sus actividades en el ámbito de la acreditación de laboratorios clínicos bajo el modelo internacional". It is important to note the attendance of national and foreign participants, and the presence of Dr. Antonio Antunez Mayolo, president of the "Asociación Peruana de Profesionales del Laboratorio Clínico", who made the presentation of the "XXI Congreso Latinoamericano de Bioquímica Clínica" to be held in Lima, Perú, in October 2013. In the course of this important scientific event - academic, an informal meeting was held with representatives and local and foreign participants.

In compliance with the decision of the Executive Committee at its meeting of January 2012, and giving rise to No. 2 point consensus with the Pan American Health Organization (PAHO), which are detailed below:

1. Based on the previous model 2008-2011 Strategic Plan for Continuous Improvement Clinical Laboratory for Latin America, will present a new plan COLABIOCLI 2012-2015.
2. The new Board reaffirmed their desire to continue working with PAHO, consolidating the previous strategic plan and introducing new concepts to the ranking of the profession and other denominations bioanalyst professionals for health laboratories, among others. In this direction, there will be a census of the university curriculum situation from a survey conducted by the same COLABIOCLI partners in countries and on the basis of a questionnaire pre-established by the Board and its members. Based on the analysis of the survey, will develop a regional curriculum guide in order to unify the process of certification of laboratory professionals.
3. They propose a model curriculum for introducing quality concepts, biosafety and ethical career training in pre and post grades.
4. It will continue to support the Distance Learning Course on Quality Management and Good Laboratory Practices (OPS / COLABIOCLI).
5. Be maintained or reactivated programs external quality assessment (PEEC) in countries that have implemented and will be extended to other countries PEEC.
6. A revised Latin American Guide for Laboratory Accreditation (OPS-COLABIOCLI, 2002), to meet the growing demand of the countries and the current trend of developing a national accreditation process complementary to the mandatory minimum requirements for clearance.
7. It will continue to support the review of national regulations for clinical laboratories. Includes training of inspectors.
8. It will facilitate contact and collaboration between COLABIOCLI and Caribbean Medical Laboratory Foundation (CMLF).
9. The development of a guide for pre-qualification of laboratory reagents (Medical devices for in vitro diagnostic use) is the responsibility of PAHO and consult experts COLABIOCLI (Dr. Morejon of CECMED for example) for review drafts of documents.
10. Activities not directly related to the field of interventions HSD / IR / LAB (Human Resources certification, for example), will be shared with HSS.
11. COLABIOCLI sent an official letter to the PWR-ARG copied to HSD / IR / LAB to report, the composition of the new board and the technical cooperation lines.

It requested the collaboration of "Ente Coordinador de Unidades Académicas de Farmacia y Bioquímica de la República Argentina" (ECUAFyB) to develop the survey mentioned in the reference point, in this sense, is advanced in the preparation of a draft and a consensus was reached to work on the possibility of a meeting of Academic Units of the Latin American countries that are capable of professional technical management of clinical laboratories.

On June, 2012, the EC was invited by the "Sociedad Ecuatoriana de Bioquímica Clínica – Núcleo del Guayas", participated on 22 and 23 June 2012, the "Jornadas internacionales de control de la calidad en laboratorios clínicos y soporte en diagnóstico eficiente". Specifically on the topic "Legislación del laboratorio clínico" – "Inserción del profesional del laboratorio clínico como parte del equipo de salud"

On July 13, 2012 is made in the Autonomous City of Buenos Aires, the Executive Committee of the institution, it addressed the following topics:

- difficulties to operate foreign currency;
- distance Learning Course on Quality Management and Good Laboratory Practices (OPS / COLABIOCLI);
- meeting with the countries of Central America and the Caribbean;
- survey jointly with PAHO.

On 30 August, 2012: Executive Board Meeting in Argentina. Dr. Manuel Arca (absent with notice) confirms the date for the workshop (Modification of the statute) to be developed under the CALILAB Congress, it will be on November 9.

Approved the new website COLABIOCLI. With the presentation of the survey, to unify grade curriculum is approved to hold a meeting of the university careers dictate that enable to address clinical laboratories. It is set on November 30 and December 1, 2012, in the province of Córdoba, to develop it.

It is proposed to hold the next Executive Committee meeting in Guatemala, inviting all COLABIOCLI Member Countries, in order to expose the activities carried out in 2012 and projected for 2013. Having consulted Guatemala, are set on 18, 19 and 20 April 2013 for this purpose.

On October 12, a meeting was held in Panama Executive Committee In it, presented the Survey Form for Grade Curriculum unification, COLABIOCLI - Academic Entities (ECUAFyB), the same was sent to Member Countries and response is expected to develop the conclusions.

Developing a census survey of Public Health Laboratories, Social Security and Private Member Countries.

Within the collaborative framework COLABIOCLI - Biochemistry Academic units are planned for 2013 Clinical Analysis Course remote management similar to that being developed.

CHAPTERS: HEMATOLOGY, HEMOSTASIS, ENDOCRINOLOGY. CLINICAL CHEMISTRY, BACTERIOLOGY, BLOOD BANK, BACOVA. Countries are asked to by their universities propose specialties, your experience with the platform.

From 23 to 26 October 2012, was developed in the city of Tarija, Bolivia, "XVII Congreso Nacional Ordinario", organized by the "Colegio de Bioquímica y Farmacia", the "Sociedad Boliviana de Bioquímica Clínica", "Colegio de Bioquímica y Farmacia de Tarija" and the "Sociedad Boliviana de Bioquímica Clínica de Tarija".

Invited by the National SEBIOCLI and organized by the subsidiary of Azuay SEBIOCLI, Dr. Garcia attended the Congress held in the city of Cuenca, Ecuador.

At first he had scheduled two units: a conference entitled Adverse Events and Patient Safety: a contribution to the study in the region, and a Roundtable that the issue would Regulators operating in Latin America Clinical Laboratories and its relation with ISO 15189. Then, almost at the beginning of the Congress named him as another Roundtable would try the issue of Internal and External Control in the Clinical Laboratory.

On November 9, as part of the Argentine Congress of Quality (CALILAB) workshop was held for the reform of the Statute of COLABIOCLI, in the same work was done with the current status and proposals prepared by Brasil, Cuba, Venezuela, among others. It was attended by the leaders of the "Confederación Unificada Bioquímica de la República Argentina" (CUBRA) and representatives from Bolivia, Brasil, Uruguay, Paraguay, Ecuador, Peru and España. The findings will be taken into account to convene a Special Meeting in the month of October 2013, as part of the Latin American Congress to be held in Lima, Peru.

On November 30 and December 1, took place in the city of Villa Carlos Paz, Córdoba Province, Argentina, Latin American Workshop: "La currícula de grado en la formación de profesionales en análisis clínicos".

Argentina presented its program with unique curriculum developed by the "Ente Coordinador de Unidades Académicas de farmacia y Bioquímica" (ECUAFyB) and then the representative of Colombia, Uruguay, Chile, Peru and Bolivia respectively.

2013 CALENDAR OF EVENTS

- ▶ March 2 and 3 of 2013, meeting of the Executive Committee of IFCC, in Buenos Aires City, Argentina.
- ▶ April 18, 19 and 20, 2013 will meet the Executive Committee COLABIOCLI in Guatemala with the central idea of addressing regional problems of Central extended to countries wishing to attend.
- ▶ October 29, 30, 31 and November 1 of 2013: COLABIOCLI Congress in Lima, Peru

Carlos Navarro
COLABIOCLI President

EUROPEAN FEDERATION OF CLINICAL CHEMISTRY AND LABORATORY MEDICINE (EFLM)

Current membership of EFLM comprises the national societies of the following 38 member countries: Albania, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Montenegro, The Netherlands, Norway, Poland, Portugal,

Romania, Russia, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom and Ukraine; there is also an Affiliate member from Ukraine and a Provisional member: Kosovo.

EFLM held a General Assembly (GA) at the 2nd UEMS-EFLM joint Congress in Dubrovnik in October 2012, the principle topic of which was the need for the establishment of a Common Syllabus to enable freedom of movement across EU borders for non-medical Specialists in Laboratory Medicine; this was supported by an address by Madam Bernadette Vergnaud MEP, Rapporteur for the Directive.

Following consultation with member societies and taking advantage of the now permitted electronic voting we repositioned the Federation's identity by agreeing that those engaged in our profession who meet the necessary attainments i.e. Eur.Clin.Chem. should use the description: Specialist in Laboratory Medicine wherever possible as this best reflects our role, but does not usurp national law. Following this change and further consultation the abbreviation of the federation was changed from EFCC to EFLM; these were highlighted at the GA.

The next GA will be held in conjunction with the Euromedlab 2013 meeting in Milan where the new Executive Board members and the venue of Euromedlab 2017 will be voted upon. In Milan, EFLM EB will also meet with IFCC Executive Board to discuss some issues of mutual interest.

Executive Board

EFLM operations are run by the Executive Board (EB) with the administrative support by Silvia Cattaneo, employed at the EFLM office hosted in IFCC's Office in Milan. Current officers of the EB for the two year term of 1 July 2011 – 31 December 2013 are as follows: Ian Watson (United Kingdom) President, Andrea Rita Horvath (Australia) Past President, Mauro Panteghini (Italy) President-Elect, Ana-Maria Simundic (Croatia) Secretary, Peter Schuff-Werner (Germany) Treasurer, Huib Storm (The Netherlands) Member-at-Large, Tomas Zima (Czech Republic) Member-at-Large.

For more efficient operation, the EFLM EB has established monthly phone conference meetings. Those meetings were held 6 times during 2012. EFLM EB members have met face-to-face three times during 2012: in Prague, 19-20 March 2012 in conjunction with the EFLM Symposium on Education, held in Prague, during 17-19 March 2012; in Milan 7-8 August, 2012; in Dubrovnik, 13-14 October 2012, in conjunction with the 2nd EFLM-UEMS European Joint Conference in Laboratory Medicine, held during 10-13 October in Dubrovnik, Croatia.

The establishment of EFLM as a legal entity, endorsed by the National Societies, is nearing completion, we hope to finalise this in early 2013.

We have continued to maintain our relationship with UEMS Section of Laboratory Medicine; a fruitful meeting Prague in March on the need for a common syllabus for medical and non-medical Specialists in Laboratory Medicine which will inform levels of attainment and enable freedom of movement across EU member countries' borders. Joint meeting of EFLM and UEMS Executives was held again in October 2012, in Dubrovnik during 2nd EFLM-UEMS Congress. As a result of this meeting, a joint EFLM-UEMS working group was formed with the aim to deliver a mutually accepted document defining the level of requirements in postgraduate training, based on the EC4 Syllabus and UEMS Blue book.

We launched a programme of EFLM officers attending Regional and National Meetings of National Societies. Through this programme we hope to increase our visibility and relevance as well as to improve communication and interaction with our members. During 2012 EFLM Executive Board members, representing EFLM, participated in the following meetings: Peter Schuff Werner (October 2-4, Moscow, Russia); Tomas Zima (May 12, Vilnius, Lithuania); Ian Watson (June 12-15, Reykjavik, Iceland, September 18-22, Belgrade, Serbia, September 27-29, Borovetz Resort, Bulgaria); Simone Zerah (20 - 23 June 2012, Sinaia, Romania).

The President is now invited to one IFCC Executive Board meeting per year, he took the opportunity to raise concerns that there is a disconnect between the Regional organisations and IFCC and tabled a number of proposals, amongst which was the need to consider the lack of representation of Regions on the IFCC Executive Board and proposals to simplify subscriptions; these are to be considered by the IFCC Executive Board in 2013.

We initiated Young Scientist membership in all EFLM Working Groups, we were impressed and encouraged by the number and quality of applicants; following assessment by the relevant Committee Chairs appointments were offered and made.

The Executive Board reviewed the functioning of three Committees: Finance, Publicity & Public Relations and Quality Management. The EB felt there was no need for a Finance Committee and therefore financial issues henceforth will be through the Treasurer and he will be responsible to the EFLM EB. Other two Committees were renamed into Communications Committee and the Quality and Regulations Committee and new Chairs were appointed to those Committees.

We have provided support to National Societies who have required it when dealing with their national authorities and legislature. We endeavour to collaborate with other professional European and international organisations as well as industry and regulators, through our committees and working groups.

Committee – Communications

This committee has issued 3 issues of EFLM newsletter (January, June, September) during 2012. They are distributed electronically via Mailchimp to nearly 2000 email addresses.

The annual full committee face-to-face meeting was held on the occasion of the 2nd EFLM-UEMSCongress. In addition to the development of Newsletter, Website and promotional activities, the distribution of the Newsletter via Email list was worked upon. Issues such as enabling unsubscription, the maintenance of the list and facilitating updates from the EC4 database were addressed. Another face-to-face meeting was held in Birmingham (4th December) where new website Content Management System was discussed as well as the Newsletter management function and expansion of the mailing list.

As a part of the mutual agreement with Clinical Chemistry journal, free annual journal subscriptions to the journal for 2012 were distributed to recipients from Cyprus, Poland, Romania, Serbia, Croatia, Bulgaria, Estonia and Greece.

Due to the current chair relocating to Australia, the appointment of a replacement is required. This will be completed in the first quarter of 2013.

Committee – Education and Training

Key activities of this committee were support in organization of scientific events. Committee members have served as members of Scientific Board of 2nd EFLM-UEMS Congress in Dubrovnik. Auspices were granted to 18 events during 2012. Committee has worked together with UEMS on drafting Guidelines for organization of EFLM-UEMS joint meetings and evaluation of applications for the venue of the 3rd EFLM-UEMS congress.

Committee had two face-to-face meetings, one in Prague, organized by in March, 2012 and the other in Dubrovnik, on October 14, 2012. In between, Committee members have had several conference call meetings.

The WG-DL/e-learning has developed the Position paper: developing an e-learning platform for the education of stakeholders in laboratory medicine, which is now being under review by EB members. The WG will work on the survey to monitor the educational needs of the National Societies (Pierre Carayon, Damien Gruson, Henrique Reguengo).

Committee – Professional

Key committee activities were the publication of the 4th edition of the European syllabus for education and training in clinical chemistry and laboratory medicine, establishment of a working group with UEMS to develop a single syllabus for education and training across Europe – the “Blue Syllabus”, and submission of proposed amendments to the 2005/26/EC Directive on recognition of professional qualifications across the EU community. Professional committee has continued lobbying with CEPLIS for passage of the Directive through the EU parliament

9 EU EFLM member states were identified as candidates for developing a ‘common training framework’ for laboratory medicine, an EU requirement upon passage of the Recognitions Directive. Furthermore, post-nominal acronym EuSpLM (European Specialist in Laboratory Medicine) was adopted as a replacement for EurClinChem

EC4 and EFLM have been fully integrated and respective reporting routes were identified. Heavy promotion of EC4 register was done in order to increase ‘Specialist in Laboratory Medicine’ registrants from 2679 to 3104. Auditable mechanisms were established for auto-registration of specialists in NL and UK.

Committee – Quality and Regulations

C-Quality and Regulations was focused on influencing activities in the field of quality management, accreditation of medical laboratories, composing standards and guidelines related to these aspect, and contact with IVD industry (EDMA) concerning mutual interests in these matters. Committee feels that IVD regulation is an important item. The work was done by working groups. At this moment that are: WG IVD and WG Accreditation and ISO/CEN standards.

A draft IVD Directive (Regulation of the European Parliament and Commission: In vitro diagnostic medical devices) was published this year and WG IVD was focused on influencing the EU regulatory framework concerning In Vitro Diagnostics. In an earlier stage the EFLM has send in proposals concerning which items should be revised. Some of those proposals are already included in the revised draft IVD regulation, WG IVD members feel that IVD directive needs additional revision. For medical laboratories it is important to lobby in all EU countries to get improvement. To help the different societies the WG IVD has send around comments on the proposal and have indicated which person is important to contact. EFLM will send document with the same content.

Contacts were established with EDMA in order to propose a combined guidance document concerning information and interpretation of ISO15189 in relation with validation and calibration.

As part of the key activities of the WG Accreditation and ISO/CEN standards, Wim Huisman and Jean Pierre Brochet have represented the medical laboratory professionals in the meetings of the EA Health Care committee in Utrecht, Netherlands in June 2012 and in Zagreb, Croatia in December 2012. Important items were new edition of ISO15189, POCT, pre-analytical aspects, multi located laboratories, and liaison with EFI.

WG has performed two survey during 2012, one about retention time and the other concerning the heterogeneity of assessors, their roles, their training and calibration.

The first questionnaire was sent around to EFLM NSs. 8 countries have replied, of which 2 indicated they had no specific data in their country. It was therefore decided that guidelines are needed to provide some guidance on this subject. The response to the second questionnaire was satisfactory with a response from 16 national accreditation bodies

Wim Huisman joined the EA General Assembly in May 2012 in Madrid, Spain.

Members of the WG were present during the August meeting of the ISO TC212 in Berlin. The FDIS of ISO15189 is accepted by the standard bodies and was the third edition published in November 2012. Important items now are: POCT 22870 revision and a guidance document on Measurement Uncertainty. Furthermore, work is in progress concerning technical specification on prospective risk analysis and on pre-analytical requirements.

Committee – Science

The Science Committee tries to stimulate and facilitate the work in the working groups as well as to inform them about EFLM activities as well as guidelines for their work and publication. The committee also initiates new projects after initiatives from members and from the Board. Committee has in 2012 had the following WGs: WG- biological variation, WG- guidelines, WG- post-analytical external quality assurance, WG- cardiac markers, WG- pre-analytical phase, WG- test evaluation. TFG on critical results.

Three new WGs have been accepted by the Board and will probably start working early in 2013. First one is WG-personalised laboratory medicine. This WG will function in cooperation with the European Society of Pharmacogenomics and Theranostics. Mario Pazzagli has been appointed to chair this WG. Another group is WG-patient focused laboratory medicine. Ian Watson has been appointed to chair this WG.

The Committee has in itself not had any physical meetings during 2012. The chair has during the year been in close contact with the chairs of the different working groups and other committees

WG-biological variation

During 2012 this WG was working on the development of biological variation checklist (<http://www.biologicalvariation.com/Tools.html>). WG met once, in October, in Dubrovnik, where future WG activities were discussed.

WG-guidelines

The key activities of this WG were various studies and related activities in the field of guideline development and implementation. The WG has had one face-to-face meeting in Dubrovnik (12-13 October).

WG-post-analytical external quality assurance

During 2012 WG has organized two surveys in European countries: 1) A questionnaire to hospital laboratories. Tentative title of the publication "How do laboratories interpret unexpected APTT prolongation? Post-analytical external quality assurance survey in laboratories of 35 countries". 2) A questionnaire sent to medical doctors at intensive care units. Tentative title of publication: "Are standardized algorithms with clinical decision rules and D-dimer testing used in clinical practice to aid in the diagnostic work-up for suspected venous thromboembolism? A study in 7 European countries". Prof. Sandberg ended his term of office as WG chair on December 31 and a new chair will be appointed for 2013.

A TFG-critical results was established in 2012 with Dr. Eva Ajzner as chair. The aim of the TFG was to carry out a survey on Critical Results in Europe, and the TFG will be closed when this is done. The WG had 13 phone meetings using Webex to discuss and plan the surveys. There has been one physical meeting in Budapest November 23-24th to plan the writing of the papers.

WG-cardiac markers

During 2012, this WG has focused its activities on the preparation of the next survey to be sent out January 2013. WG had one face-to-face meeting on Oct 14, 2012 in connection with the UEMS-EFLM Conference in Dubrovnik.

WG-preanalytical phase

WG-PA has performed its first survey on phlebotomy practices, during 2012. 30 EFLM NSs have sent their responses. Manuscript is ready and will be submitted in March 2013 for publication. WG has been involved in organization of the 2nd EFCC-BD meeting in Zagreb, March 1-2, 2013. WG members are Scientific committee members and have finalized the scientific program for Zagreb 2013 conference. WG had one successful face-to-face meeting during 12-13 April 2012 in Zagreb, Croatia.

EC4 Foundation Board

EC4 Foundation Board (FB) has had its 7th meeting during 2nd EFLM-UEMS Congress in Dubrovnik.

Role and position within EFLM was discussed by the FB delegates. On 4 October, 2012 there were 3104 registrants within the EC4 Register.

The need for succession planning and the relationship of EC4 to EFLM Professional Committee was agreed between the EC4 Foundation Board and the EFLM Executive Board. This is very necessary due to on-going activities to establish a common syllabus.

Meetings

Joint EFLM-UEMS meeting on Postgraduate Education was held in Prague in March 2013. There were participants from 23 European countries. The focus of the conference was pre-graduate education and postgraduate training.

Joint AACC-CSKB-EFLM Point of Care Meeting in June in Prague, meeting is organised by AACC.

2nd EFLM-UEMS Congress was held during 10-13 October in Dubrovnik, Croatia. Congress was well attended. There were 392 participants, 63 invited speakers and 26 chairs. There were 263 poster presentations at the Congress, out of which 10 were selected to receive the awards. Award of 2250 Euros was granted from the EC4 Bursary fund to support 3 applicants' participation in the 2nd EFLM/UEMS conference in Dubrovnik. EFLM has also granted 5 travel grants to support this meeting.

The 8th EFLM Balkan symposium under the title Vitamin D Deficiency: a new challenge for laboratory medicine for the Balkan region was successfully held in Belgrade on September 18, 2012. The one day Balkan Symposium was organized in the frame of the 20th Balkan congress - 20th Meeting of the Balkan Clinical Laboratory Federation, and 18th Congress of Medical Biochemists of Serbia in September 18–22, 2012. Around 150 participants attended the Symposium.

12th EFLM Postgraduate continuous course in clinical Chemistry and Laboratory Medicine at IUC Dubrovnik, Nov 10-11, 2012, entitled 'New trends in classification, diagnosis and monitoring of gastrointestinal diseases'. 30 students mostly from different South East European countries attended the course. Travel and accommodation grants were available for young participants (under 35 years).

Course materials were published in a course handbook. Course handbook is available at EFLM website (www.efclm.eu/downloads).

Forthcoming EFLM meetings:

The 2nd Pre-Analytical Errors conference will be held in Zagreb on March 1-3, 2013

The EuroMedLab 2013 in Milan will be held from May 19 to 23, 2013, hosted by SIBioC

The 3rd EFLM-UEMS Congress is to be held in Liverpool jointly with the ACB, October 8-10th 2014.

The EuroMedLab 2015 will be held in Paris from June 21 to 25, 2015.

For EuroMedLab 2017, three bids have been received: Athens, Barcelona and Prague.

Ian Watson
EFLM President

FULL MEMBER SOCIETIES

ARGENTINA



CONFEDERACIÓN UNIFICADA BIOQUÍMICA DE LA REPUBLICA ARGENTINA "CUBRA"

NATIONAL MEETINGS

Name of the meeting	Date	Topic
VII Congreso Argentino de la Calidad en el Laboratorio Clínico - V Jornada Latinoamericana de la Calidad en el Laboratorio Clínico - CALILAB 2012	7, 8, 9 y 10 de Noviembre de 2012 - Ciudad Autónoma de Buenos Aires - Argentina	CALIDAD EN EL LABORATORIO CLÍNICO

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
II Jornadas Bioquímicas de Cuyo	29, 30 y 31 de Marzo de 2012.- Mendoza - Argetina	Asociación Bioquímica de Mendoza, Colegio Bioquímico de San Juan, Asociación Bioquímica de San Luis. (Agrupación Bioquímica de cuyo)
6th Expo Congreso Bioquímico Rosario 2012	7, 8 y 9 de Junio de 2012.- Rosario, Santa Fé - Argentina	Colegio bioquímico de Rosario
Primer Congreso Bioquímico del NEA	13, 14, 15 y 16 de Junio de 2012 - Resistencia, Chaco - Argentina	Federación Bioquímica del Nor este Argentino, Colegio Bioquímico del Chaco, Colegio Bioquímico de Corrientes
XIII Jornadas Bioquímica Clínica Interdisciplinarias	16, 17 y 18 de Agosto de 2012.- Córdoba Capital, Córdoba - Argentina	Colegio Bioquímico de Córdoba
XIX Jornadas Bioquímicas NOA	13, 14 y 15 de Septiembre de 2012 - Catamarca, Argentina	Federación Bioquímica del Nor Oeste Argentino
I Jornadas Patagónicas de Bioquímica	4, 5 y 6 de Octubre de 2012 - Comodoro Rivadavia, Chubut - Argentina	Federación bioquímica Patagónica

REGIONAL RELATIONS

Federación Bioquímica de la Provincia de Santa Fe
 Colegio Bioquímico de Catamarca
 Federación de Bioquímicos de la Prov.de Córdoba
 Colegio Bioquímico del Chaco
 Colegio de Bioquímicos de Entre Ríos
 Colegio de Bioquímicos de Formosa
 Colegio de Bioquímicos de Jujuy
 Asociación Colegio Bioquímico de La Pampa
 Colegio Bioquímico de La Rioja
 Círculo Bioquímico de la Prov.de Misiones
 Asociación Bioquímica de Salta
 Colegio Bioquímico de San Juan
 Colegio Bioquímico de Santiago del Estero
 Colegio Bioquímico de Tucumán
 Federación Bioquímica de la Prov.de Buenos Aires
 Federación Bioquímica de la Provincia de Chubut
 Colegio de Bioquímicos de la Prov.de Río Negro
 Colegio Bioquímico de Corrientes
 Colegio de Bioquímicos de Neuquén
 Sección 1ª de Bioquímica del Colegio Oficial de Farm.y Bioq.de Capital Fed.
 Asociación Bioquímica de Mendoza
 Asociación Bioquímica del Este
 Asociación Bioquímica de San Luis
 Asociación Bioquímica de Villa Mercedes
 Asociación Bioquímica de San Rafael
 Asociación Bioquímica Argentina - ABA
 Fundación Bioquímica Argentina - FBA
 Confederación General de Profesionales - CGP
 Ente coordinador de unidades académicas de Bioquímica y Farmacia - ECUAFYB

AUSTRALIA AND NEW ZEALAND

AUSTRALASIAN ASSOCIATION OF CLINICAL BIOCHEMISTS



NATIONAL MEETINGS

Name of the meeting	Date	Topic
RCPA AACB Chemical Pathology Course	6-10 February	Exam Curriculum topics in conjunction with RCPA
Harmonisation Workshop	4-5 May	Common Chemical Pathology Reference Intervals for Australian Laboratories
AACB Scientific Education Seminar	11 May	Latest developments in POCT
AACB Annual Scientific Meeting - Melbourne	15-18 November	Harmonisation, pre-analytical error theme. Invited overseas speakers included Greg Miller (USA), Mario Plebani (Italy), Gordon Schiff (USA), Carole Spencer (USA), Gary Myers (USA, IFCC Abbott Visiting Lecturer), Michael Thomas (UK), David Sacks (USA).
Satellite Meeting post AACB Annual Conference	19 November	Method Harmonisation – The Theory and the Practice

EDUCATION

- State based CPD tutorials for MAACB and FAACB exam candidates
- State based monthly scientific meetings
- Roman Lectures – Ms Helen Martin FAACB – “Albumin Matters”.
- Current Concepts Lectures – Dr Ken Sikaris – “Physiological Influences on Reference Intervals”.
- Monthly webinars from August 2012 covering AACB Curriculum related topics

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
NZILMS Annual Scientific Conference - Wellington	27 – 31 August	Sponsored AACB speakers for a Symposium on Evidence Based Medicine
Joint AACB/AIMS Annual Scientific conference - Tasmania		Supported 3 speakers – Helen Martin, Howard Morris, Ken Sikaris

REGIONAL RELATIONS

- Supported APFCB scholarship for 2 young scientists/pathologists from Sri Lanka and Nepal to attend 2012 AACB Annual Scientific Meeting in Melbourne.

INTERNATIONAL RELATIONS

- IFCC – AACB members on a number of IFCC committees both in chair and member roles
- IFCC – Howard Morris is current IFCC Vice President
- IFCC Visiting Lecturer Program – Dr Gary Myers presented at the AACB Annual Scientific Conference in Melbourne

ADDITIONAL INFORMATION

Main Strategic Focus – 2012-2013

1. Workforce
2. Harmonisation in Laboratory Testing – units, terminology, reference limits, critical lab results

BOSNIA-HERZEGOVINA

ASSOCIATION OF MEDICAL BIOCHEMISTS IN BOSNIA-HERZEGOVINA



NATIONAL MEETINGS

Name of the meeting	Date	Topic
The 12th Bosnian and Herzegovinian Conference of Clinical Chemistry	18. May 2012	Point –of-care testing

BRAZIL



SOCIEDADE BRASILEIRA DE ANÁLISES CLÍNICAS (SBAC)

NATIONAL MEETINGS		
Name of the meeting	Date	Topic
39 th Brazilian Congress of Clinical Analyses	July 01-04, 2012	Update te knowledge in laboratory
REGIONAL MEETINGS		
Name of the meeting	Date	Society's contribution for the meeting
8 th Congresso Regional De Análises Clínicas	December 06-09,2012	
REGIONAL RELATIONS		
<ul style="list-style-type: none">- ABNT - Brazilian Association of Technical Standards- AMN - Mercosur Association Standard- ONA - National Organization for Accreditation- CSM - 20 – Mercosur Industry Committee		
INTERNATIONAL RELATIONS		
<ul style="list-style-type: none">- IFCC - International Federation of Clinical Chemistry and Laboratory Medicine- COLABIOCLI - Confederacion Latinoamericana de Bioquimica Clinica- CLSI - Clinical and Laboratory Satandards Institute- AACC - American Association for Clinical Chemistry		

BULGARIA



BULGARIAN SOCIETY OF CLINICAL LABORATORY

NATIONAL MEETINGS		
Name of the meeting	Date	Topic
IX th National Congress of Clinical Laboratory	27 – 29 September 1012	All topics of Laboratory Medicine
REGIONAL MEETINGS		
Name of the meeting	Date	Society's contribution for the meeting
XX th e Meeting of BCLF	18 – 22 September 2012	Plenary lecture and oral presentation
REGIONAL RELATIONS		
Membership at the BCLF and participation in all activities of BCLF		
INTERNATIONAL RELATIONS		
Membership in IFCC, EFLM and WASPALM and participation in the congresses of these organizations		

CANADA



CANADIAN SOCIETY OF CLINICAL CHEMISTS

NATIONAL MEETINGS		
Name of the meeting	Date	Topic
Joint AACC-CSCC Conference	July 28-August 1, 2013 Houston Texas USA	
Joint CSCC-SQBC Conerence	June 17-20, 2012, Quebec City	A small step for labs, A big step for our patients

EDUCATION

2012 Travelling Lectureship Series

Speaker: Dr. George C. Calin, MD, PhD., Associate Professor, Department of Experimental Therapeutics, Co-director, The RNA Interference and Non-coding RMA Center, The Alan M. Gewirtz Leukemia & Lymphoma Society Scholar, University of Texas, MD Anderson Cancer Center, Houston Texas

Topic: The roles of microRNAs and other non-coding RNAs in human cancers and the use of this knowledge for patients

Dr. Calin gave presentations in 4 cities across Canada – Hamilton ON, Toronto ON, Halifax NS, and Quebec City QC.

The lectureship is sponsored by Bio-Rad Laboratories

2012 Lectureship in Critical Care Medicine

Speaker: Hilary Meggison, MD, FRCPC, Assistant Professor, Department of Medicine, Divisions of Critical Care Medicine and Endocrinology and Metabolism, The Ottawa Hospital Civic Campus, Ottawa ON

Topic: The Endocrinopathies of Acute and Chronic Critical Illness

The Lectureship was presented as a webinar and was sponsored by Instrumentation Laboratory

2011-2012 Webinar Series

14 CSCC 'Education Roundtable' webinars were held twice a month from October 2011 to May 2012. Participants were encouraged to form groups at their institution to attend the webinars. Sessions averaged about 40 phone lines and 200-250 participants

REGIONAL RELATIONS

CSCC has 7 Provincial Sections – British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, New Brunswick, and Nova Scotia. Each Section holds its own meetings and small conferences. The Ontario Section held their 2012 conference in Niagara Falls ON. The theme was Recent Advances in Clinical Chemistry. Besides the wonderful venue overlooking one of the world's greatest landmarks, Niagara Falls, an exciting evening event was held at a winery in the heart of Ontario's wine country.

INTERNATIONAL RELATIONS

CSCC has an International Exchange Grant which is used to support CSCC members travelling to other countries for meetings, or to support people from other countries to travel to Canada. In 2012 CSCC supported the following:

- Dr. Jianxin Lu, Vice President of Wenzhou Medical College, Director of Key Laboratory of Laboratory Medicine, Ministry of Education of China, Dear of School of laboratory Medicine and Life Science, Wenzhou Medical College, Wenzhou, Zhejiang, China. Dr. Lu attended the 2012 CSCC Conference, presenting a poster, and he also spent several days at the Saskatchewan Laboratory of CSCC member Dr. Qing Meng.
- Dr. David W. Kinniburgh, CSCC member. Dr. Kinniburgh attended the annual scientific meeting of the Cuban Society and made a presentation there. He also met with Cuban representatives and Dr. Graham Beastall to discuss ways the CSCC could provide support to the Cuban Society.

CSCC paid the IFCC membership dues of the Cuban Society.

CSCC will partner with Clinical Chemistry in the development of a new Clinical Chemistry Trainee Council, providing a web-based educational program for trainees and their mentors in laboratory medicine. The program was launched in English, Spanish, and Chinese and will expand to include 6 additional languages over the next two years.

President Edward Randell attended the recent IFCC General Conference in Kuala Lumpur.

CSCC will sponsor a symposium at the 2013 World Association of Societies of Pathology and Laboratory Medicine (WASPALM) to take place in Quebec City. The symposium topic is microRNAs.

CHILE



CHILEAN SOCIETY OF CLINICAL CHEMISTRY

NATIONAL MEETINGS

Name of the meeting	Date	Topic
XVII Chilean Congress of Clinical Chemistry	May 16-18, 2012, Santiago Biannual activity	Update knowledge in medical laboratory with international guests. With IFCC auspices and VLP activity with the visit of DR. Mario Plebani
Preeanalytical Forum Nipromed	May 10th, 2012	The preanalytical phase, its real importance and impact on health chain. Speaker: Dr F. Ruiz

EDUCATION

- Participation in commissions of Professional Certification (INN and Colegio Quimicos Farmaceuticos y Bioquimicos de Chile)
- Participation in Clinical Laboratory Technical Committee (INN). Mrs Maria Arredondo, Chair

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
XXI Congress COLABIOCLI, Lima	October, 28 to 31, 2013	Preliminary contacts have been made with the organizers in order to participate with symposium and lectures.
Latin American Working Group: The grade curricula in the training of professionals in clinical laboratory	November 30th to December 1st 2012	SCHQC was represented by Dr C. Calvo of Concepcion University in another regional meeting of COLABIOCLI.

REGIONAL RELATIONS

- SCHQC has collaboration with all the regional associations of clinical chemistry. IAAC- Inter American Accreditation Cooperation: SCHQC is a stakeholder member.
- COLABIOCLI - Confederacion Latinoamericana de Bioquimica Clinica.
- SCHQC has collaboration with all the regional associations of clinical chemistry.
- INN- National Standardization Institute

INTERNATIONAL RELATIONS

Participation in the International Scientific Advisory Board of IFCC Worldlab Instambul 2014
SCHQC is a Liaison member to the IFCC eNewsletter
Dr E Aranda National representative, attended IFCC General Conference 2012, Kuala Lumpur
IFCC CDP WG: Ibero-American Nomenclature and Translations (WG-IANT). Member: Dr F. Ruiz
SCHQC representatives:

- IFCC: Eduardo Aranda
- IAAC: Milena Monari
- COLABIOCLI: Fernando Ruiz

ADDITIONAL INFORMATION

Enabling the new SCHQC website <http://www.schqc.cl>

CHINA



CHINESE SOCIETY OF LABORATORY MEDICINE (CSLM)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
The 7th National Youth Congress of Laboratory Medicine	May 2012	New development of laboratory medicine
The 5rd Hepatitis and AIDS Forum	April 2012	Communication with CDC, doctors and other basic study scientists
The application of Measurement Uncertainty in medical laboratories	July 2012	Laboratory good management
National Congress of Clinical Chemistry	August 2012	New development of clinical chemistry
National Congress of Laboratory Management and applications of new technologies.	September 2012	Laboratory good management
National Congress of Clinical Microbiology	September 2012	Microbiology and clinical application
National Congress of Clinical Immunology	October 2012	New development of clinical immunology
The third Molecular Diagnostics Conference	October 2012	The development of gene chips and other molecular diagnostic techniques
Clinical new testing progress of Blood and Body fluid	December 2012	Development of general clinical testing.

EDUCATION

Held many seminars in the areas of laboratory medicine.

Provided free training courses to technologists and technicians who worked at remote provinces in China. 3367 persons attended the training in all till the end of 2012.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
13th Asia-Pacific Congress of Clinical Microbiology and Infection	October 2012	Co-organizer of the meeting

REGIONAL RELATIONS

Good relationship with APFCB

INTERNATIONAL RELATIONS

CSLM has closed relationship with IFCC, APFCB and AACC.

Make the draft of the collaboration with AACC and Clin Chem.

Attend 2012 IFCC working conference.

Attend 2012 AACC Annual Meeting.

ADDITIONAL INFORMATION

The multicenter studies of Chinese reference intervals were progressed well. The statistic data on some general clinical biochemical parameters has been published.

CUBA

SOCIEDAD CUBANA DE PATOLOGÍA CLÍNICA – CUBAN SOCIETY OF CLINICAL PATHOLOGY



NATIONAL MEETINGS

Name of the meeting	Date	Topic
VIII Congress of the CSCP, "CONAPAC'2012" and 1st International Symposium on Good Practices and Quality Management in Clinical Labs.	March 28-30, 2012	All topics related to clinical labs with emphasis in GP and QM.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
2nd. International Meeting on QC in Clinical Labs.	October 18-20, 2012	One lecturer with 2 presentations.
XXI Latinamerican Congress of Clinical Pathology/Laboratory Medicine (ALAPAC/ML) and LXII Mexican Congress of Clinical Pathology.		

REGIONAL RELATIONS

Dr. Carlos Navarro and Dr. Miosotis Hechevarría, current President and Member of the EB of the Latin American Confederation of Clinical Biochemistry (COLABIOCLI) met with the EB of the CSCP on the occasion of their attending CONAPAC'2012 in Havana, last March.

INTERNATIONAL RELATIONS

Dr. Graham Beastall and Dr. Bernard Gouget, current President and Treasurer of IFCC, and Dr. David Kinniburgh, current President of the Canadian Society of Clinical Chemists (CSCC) met with the EB of the CSCP on the occasion of their attending CONAPAC'2012 in Havana, last March.

Dr. Graham Beastall was granted the condition of Member of Honour of the CSCP.

CSCP granted CSCC with a plaque in acknowledgement for "its support and contribution to the development of the Clinical Laboratory in Cuba".

CZECH REPUBLIC

CZECH SOCIETY OF CLINICAL BIOCHEMISTRY



NATIONAL MEETINGS

Name of the meeting	Date	Topic
RANK 2011	1st – 2nd February 2012, Pardubice	Routine analysis of nucleic acids by molecular biological methods
Education in Clinical Chemistry and Laboratory Medicine – EFCC Symposium	17th – 19th March, Prague	Education in laboratory diagnostics
XXXIIIrd Immunoanalytical Days	1st – 3rd April 2012, Usti nad Labem	New methods in immunoanalysis, personalized medicine, tumor markers, immunoanalysis in endocrinology, prenatal screening, quality control
46th Congress of Czech laboratory technicians BIOLAB 2012	13th – 15th May 2012, Pisek	Recent advances in clinical chemistry. Education of laboratory technicians in the Czech Republic
INDC2012 – 12th International Nutrition & Diagnostics Conference	27th – 30th August 2012, Prague	Relation between nutrition and human health
Atherosclerosis 2012	12th – 14th September 2012, Prague	Atherosclerosis – diagnostics, treatment and prevention in adults and children
Symposium of clinical biochemistry FONS 2012	23th – 25th September 2012, Pardubice	Advances in clinical chemistry and laboratory medicine
XIth Conference of Monoclonal Gammopathy	16th October 2012, Hradec Kralove	

EDUCATION

Co-operation on study programs at Faculties of medicine, cooperation with Institute of Postgraduate Studies in Prague.

Co-operation with Ministry of Health in transformation of postgraduate education of medical doctors: Medical Faculties have been responsible for this education (instead of Postgraduate Studies in Prague) since the beginning of the year 2012.

Active participation of the project Lab Tests Online – education of patients and their relatives as well as non-laboratory workers in health care in problems of laboratory medicine; finalization of translations (see web pages: <http://www.labtestsonline.cz>). All items from US web pages were translated and are available for Czech readers.

Prof. Racek participated as a national Lab Tests Online editor on the Meeting of National LTO editors (Rome, Italy, 10th – 11th May 2012) and at the Editors Meeting during AACC Annual Meeting (Los Angeles, California, 17th July 2012).

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
5th Central-Moravian Regional Days	19th – 20th January 2012, Kouty nad Desnou	Varia
Working day	15th February 2012, Olomouc	Dyslipidemias
Regional meeting of clinical biochemists – West Bohemia	7th March 2012, Klatovy	Varia
Working day of section of laboratory technicians	15th March 2012, Vsetin	Cerebrospinal fluid
Working day of section of laboratory technicians	18th April 2012, Prague	Varia
Working day	23th May 2012, Olomouc	Liver fibrosis and cirrhosis.
Working day Nejedly's Kladno	11th April 2012, Kladno	Clinical chemistry and critically ill patient
XXXth Regional meeting of clinical biochemists (South and Eastern Bohemian region)	28th – 30th May 2012, Prachatice	Varia
Working day of section of laboratory technicians	4th October 2012, Zlin	Patients safety during biological material collection, transport, manipulation and sample identification
Working day	10th October 2012, Olomouc	Methods and means of POCT
Working day	14th November 2012, Brno	Clinical chemical monitoring
Working day of section of laboratory technicians	7th November 2012, Prague	Varia
Working day	14th November 2012, Brno	Biochemical monitoring of patients at IC and resuscitation units
Regional meeting of clinical biochemists	13th December 2012, Hradec Kralove	Varia
XXXIst Regional working days of clinical biochemistry	5th – 7th December 2012, Karlova Studanka	Varia

INTERNATIONAL RELATIONS

- Our representatives (Prof. Zima and Prof. Racek) 5th EFLM General Assembly in Dubrovnik (Croatia, 12th October 2012)
- Prof. Racek participated at the EC4 Register Commission in Dubrovnik (Croatia, 13th October 2012)
- Prof. Zima worked as Member-at-Large, EFLM Executive Board.
- Prof. Zima worked as corresponding member of IFCC Congress and Committee Committee.
- dr. Kocna worked in Committee on internet and e-learning committee of CPD IFCC
- Ing. Sprongl worked as a corresponding member of the EFLM Working Group on Preanalytical Phase (WG-PA) and a member of working group on Accreditation and ISO/CEN Standards
- Czech Society of Clinical Biochemistry applied to host the IFCC/EFLM European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab) in 2017 (in Prague).

ADDITIONAL INFORMATION

- Approval of joint national guidelines "Diagnostics and treatment of thyroid diseases in pregnancy and in women with fertility impairment" (October 2012, in co-operation with Czech Endocrinological Society).
- Approval of joint national guidelines: "Diagnostics and follow-up of diabetes mellitus" (February 2012, in co-operation with Czech Diabetological Society).
- Czech Society of Clinical Biochemistry along with the Czech Oncological Society started to update guidelines "Utilization of Tumor Markers in Clinical Practice".
- Translation of the last 16 tests and 5 diseases and conditions (which were introduced in US web pages www.labtestsonline.org) in frame of Czech version of the project Lab Tests Online www.labtestsonline.cz; revision of the first 97 test articles, introduced in 2008.
- Editing the national scientific journal "Klinicka biochemie a metabolismus", co-editing journal "FONS", publishing news in clinical biochemistry and activities of Czech Society of Clinical Biochemistry.
- Expert guaranty of EQA system on Czech Republic.

ECUADOR

ECUADORIAN SOCIETY OF CLINICAL BIOCHEMISTRY



NATIONAL MEETINGS

Name of the meeting	Date	Topic
II International Symposium of Clinical Biochemistry	Quito 17-18-19 May	strengthening and updating of knowledge in hematology, microbiology, parasitology, quality control in clinical hematology and molecular biology
International Conference on Quality Control in Clinical Laboratories and Efficient Diagnosis Support.	Guayaquil 23 – 24 June	internal quality control in the clinical laboratory, microbiology and regulations for the operation of clinical laboratories
XI Ecuadorian Congress and VII International Congress of Clinical Biochemistry	Cuenca 25-26-27 October	Updating and strengthening scientific in areas of molecular biology, hematology, parasitology, endocrinology, biosecurity, microbiology, regulation and good laboratory practice and accreditation to ISO15189 in Latin America
PRE CONGRESS WORKSHOP planning of internal quality control	Cuenca 19 – 20 October	precision, accuracy, linearity, reference intervals, control charts in the clinical laboratory
PRE CONGRESS WORKSHOP "Risk factors for cardiovascular and cerebrovascular diseases. Biomarkers"	Cuenca 22 – 23 October	The course consists of theory biochemistry and a workshop to discuss clinical cases

EDUCATION

SUBSIDIARY AZUAY-CUENCA

- "Biosecurity" and "Waste Management of infectious"
- "Bioethics at the Clinical Laboratory".
- "Reformation of the Regulation 558 of the Laboratory Operation" and "Good Laboratory Practice" BPLC.
- "Licensing Regulation Clinical Laboratory".
- "Procedures Manual"

SUBSIDIARY CHIMBORAZO- RIOBAMBA

Seminar "System Quality management and implementation of manuals quality and biosafety in clinical laboratories ((for 8 weeks)

SUBSIDIARY GUAYAS- GUAYAQUIL

- Training in the lab infectious waste. clinical pre-conference workshop-microbiology-mycology
 - Training on environmental standards.
- pre-conference workshop-internal quality control

SUBSIDIARY EL ORO- MACHALA

- Elaboration of the Quality Manual for Clinical Laboratory
- Internal Quality Control in the Clinical Laboratory

SUBSIDIARY PICHINCHA - QUITO

- Parasitology: Fasciola hepatica
- Microbiology: BLEE
- WORKSHOP computing basic applied of the clinical laboratory.
- WORKSHOP: The clinical laboratory and the preparation of documents required by the country
- INTERNATIONAL WORKSHOP: statistical monitoring internal quality
- CONTINUOUS TRAINING DAYS
 - a) Risk factors for cardiovascular disease and stroke. biomarkers
 - b) Medical audits
 - c) Inborn errors of metabolism,
 - d) Instrumental Quality Management

FILIAL TUNGURAHUA- AMBATO

- CONFERENCE Autoimmunity
- WORKSHOP:Hematology
- CONFERENCE : H pylori
- CONFERENCE :Diabetes
- CONFERENCE: INTERNAL QUALITY CONTROL

REGIONAL MEETINGS

Name of the meeting	Date	Topic
CALILAB 2012	8 -9-10 November	Difussion and three invited participants
COLABIOCLI	9 November	Workshop with two partipants

REGIONAL RELATIONS

Invited speaker in our National Meeting
Dr. Lida Morisoli (Argentina)
Dr. Setlla Danieli (Argentina)
Dr. Carlos Navarro (Argentina)
Dr. Roberto Garcia (Argentina)
Dr. Gustavo Borrajo (Argentina)
Dr. Gabriel Migliarino (Argentina)
Dr. Jose Abol (Brazil)
Dr. Gabriel Lima de Oliveira (Brazil)
Dr. Dr. Wellington DoSantos (Brazil) Dra. andrea Gonnet – (Argentina)
Dra. Lina Paola Navarrete – (Colombia)
Dr. Ingrid Arroqui (Chile)
Dr. Jacobus H de Waard (Holanda)
Dr. Montserrat Blanes (Paraguay)
Dra. Myriam Bobadilla (México)
Dra. María Kourilovich (Rusia)
Dr. Armando Guevara (Venezuela)

INTERNATIONAL RELATIONS

IFCC: International Federation of Clinical Biochemistry and Laboratory Medicine
COLABIOCLI: Latin American Confederation of Clinical Biochemistry
AACC American Association for Clinical Chemistry
Wiener Lab Foundation
FBA: Biochemistry Argentina Foundation
PNCQ: National Quality Control (Brazil)
CUBRA: Unified Confederation of Biochemistry Argentina
The Microscope: Infobioquímica. IFCC Radius

ADDITIONAL INFORMATION

Dr. Maria del Carmen Pasquel. SEBIOCLI Representative participated numerous workshops and meetings with the authorities of the Ministry of Public Health and the universities of Ecuador. These meetings were to amend the regulations for the operation of clinical laboratories in Ecuador. This document came into force in December 2012.

SEBIOCLI surrender in June and July gold medal and diplomas Wiener Lab Foundation to the best career averages of Clinical Biochemistry, Faculty of Chemical Sciences of the Central University of Ecuador (Quito City) and the College Politecnica of Chimborazo (Riobamba city)).

SEBIOCLI delivered in solemn session of the Faculty of Chemistry of the Universidad Central del Ecuador special memberships to their authorities (Dr. Wilson Parra and Dr. Isabel Fierro) and best averages of students and graduates

Dr. Isabel Fierro and Dr. Maria del Carmen Pasquel were designated correspondents of Radio The Microscopio (IFCC) from Ecuador . Dr. Pasquel has participated with the editorial: "The biochemical and influence through history in the health team ", and in interviews on topics such as clinical laboratory quality and referred to the human resources in an ideal laboratory, also invite other interviews and reported on the Ecuadorian Congress XI and VII International Clinical Biochemistry held in the city of Cuenca.

ESTONIA

THE ESTONIAN SOCIETY FOR LABORATORY MEDICINE



NATIONAL MEETINGS

Name of the meeting	Date	Topic
General meeting	April 4, 2012	1. The results of LOINC project. 2. Comparison of methods. 3. Working Group History of ESLM. 4. Calprotectin, 5. Thromboelastometry, 6. High sensitivity troponin, 7. HbA1c in diagnosing diabetes, 8. Annual report 2011.
XIV Summer School	August 30 to Sept 1, 2012	1. Laboratory investigations in allergy, 2. Handling of allergic patient, 3. Clinical significance of vitamin D, 4. Growth disturbances, 5. Laboratory diagnostics of growth disturbances, 6. POCT in GP practice, 7. POCT in hospital, 8. Application of LOINC project, 9. Working group meetings (renal function tests, autovalidation criteria, quality indicators, electronic cross-match), 10. Laboratory investigations in veterinary medicine, 11. Adrenal hyperplasia and tumours, 12. Posters, 13. Case histories

General meeting	Dec 5, 2012	1. Antibiotic resistance: preliminary results of an international project, 2. Cervical cancer screening through HPV testing, 3. Luminex xMAP technology, 4. Precision at the point of decision, 5. Quality indicators and risk assessment, 6. Quality improvement for the medical laboratory, 7. Autovalidation and middleware solutions from Siemens, 8. EU Directive 2010/32/EU and safe sampling devices, 9. NGAL.
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EDUCATION

Estonian Society for Laboratory Medicine (ESLM) has participated in interdisciplinary cooperation seminar "Lung" on April 20, 2012.
Contents: 1. Basic sciences, 2. Inflammation, 3. Cancer.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
11th Baltic Congress of Laboratory Medicine	May 10-12, 2012 in Vilnius, Lithuania	ESLM, through Baltic Association of Laboratory medicine (BALM) participated in preparation of the scientific programme, presented lectures and chaired some sessions

REGIONAL RELATIONS

ESLM is the member of Baltic Association of Laboratory Medicine (BALM).
Preparations of the 11th Baltic Congress on Laboratory Medicine, May 10 – 12, 2012 in Vilnius.
Meeting between BALM Board and Board of Finnish Society of Clinical Chemistry was held during the Baltic Congress.

INTERNATIONAL RELATIONS

ESLM is a full member of IFCC and EFLM.
During the 2nd UEMS-EFLM Conference in Dubrovnik our representative (Karel Tomberg) took part in EC4 Register meeting.
Our representative (Karel Tomberg) participated in IFCC General Conference in Kuala Lumpur.

ADDITIONAL INFORMATION

Estonian Society for Laboratory Medicine has 226 members.
9 working groups have been formed in ESLM: EUCAST, LOINC (Logical Observation Identifiers Names and Codes), laboratory terminology, system of licences, the professional standard of medical laboratory specialist, laboratory quality, cardiac biomarkers, renal markers, and history of ESLM.
The last two are new working groups.
The professional standard of medical laboratory specialist was accepted in the Estonian Qualifications Authority in May 2012.

FINLAND

FINNISH SOCIETY FOR CLINICAL CHEMISTRY (SKKY)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
Spring meeting	22.-23.3.2012	Risk management, microbiology, paraproteins
Fall meeting	15.-16.11.2012	HbA1C, Web-based laboratory information system and future possibilities, next generation laboratory automation from the IT aspect

EDUCATION

At spring meeting the topics of the lectures were risk management, microbiology and paraproteins. The total number of participants was 76 of which 13 were lecturers.

At fall meeting the topics of the lectures were HbA1C, web-based laboratory information system and future possibilities, and next generation laboratory automation from the IT aspect . The total number of participants was 116 of which 17 were lecturers.

During the year 2012 FSCC has continued to financially support the participation of its members in international meetings. FSCC has also admitted grants to its members to be used for scientific research.

Klinlab is a journal published by FSCC. The journal published 6 issues in 2012 and it was freely distributed to all members of the FSCC.

REGIONAL RELATIONS

FSCC is a member society of the Nordic Society for Clinical Chemistry (NFKK = Nordisk förening för Klinisk kemi). Finnish members in the board of NFKK during year 2012 have been Tuula Metso and national chairman Harri Laitinen.

Klinisk Biokemi i Norden is a journal published by NFKK. The journal published 4 issues in 2012 and it was freely distributed to all members of the NFKK member societies.

INTERNATIONAL RELATIONS

Päivi Laitinen was the national representative of FSCC in IFCC. Kari Pulkki was the national representative in the board of EFCC/EFLM, the European Federation of Clinical Chemistry and Laboratory Medicine.

FRANCE

SOCIÉTÉ FRANÇAISE DE BIOLOGIE CLINIQUE (SFBC)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
SFBC Scientific Meeting Journées Internationales de Biologie – Paris	November 7th – 9th, 2012	<ul style="list-style-type: none"> - News in fetal biology - Pregnancy and addictions (alcohol, tobacco) - Vascular risks in pregnancy - Neonatal screening and postnatal diagnosis of genetic diseases

EDUCATION

- Educational Committee chaired by Prof. J.P. Bali (Montpellier)
 - ✓ Continuous medical education (CME) through SFBC scientific meeting sessions
- Committee on Evaluation of Professional Practices (C-EPP) : chaired by Dr N. Jacob (Paris) and Dr I. Aimone-Gastin (Nancy)
 - ✓ National Agreement SFBC as Validating Society for "EPP"
- Topics of EPP and CME actions in 2012:
 - Neonatal screening
 - Evidence Based Medicine

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
2012 AACC Annual meeting	Los Angeles (USA) July 15th – July 19th, 2012	Meetings with the AACC- EB, LTO
5th International Symposium «Critical Care Testing and Blood Gases»	Deauville (France) May 31st – June 1st, 2012	Organization
20th Meeting of the Balkan Clinical Laboratory Federation 8th EFLM Symposium for Balkan Region	Belgrade (Serbia) September 18th – September 22th, 2012	Invited lectures
2nd EFLM-UEMS European Joint Congress "Laboratory medicine at the clinical interface"	Dubrovnik (Croatia) October 10th – 13th, 2012	Invited lectures
IFCC- TFYS (Task Force for Young Scientists)	Brussels (Belgium) June 18th, 2012	Round table for the future of cardiac markers
	JIB Paris, November 13th – November 15th, 2012	Sessions
	Ranchi, Jharkhand (India) ACBICON Congress, december 12th, 2012	

REGIONAL RELATIONS

- Participation in EFLM activities
 - ✓ Contribution to EC4 register and ISO 15189 implementation
 - ✓ Participation in Committees and Working groups
 - EFLM-EC4 Committee on Professional affairs and EC4 register : Simone ZERAH, chair
 - EFLM-Committee on Public relations, e-newsletter and EFLM-WG on distance learning : Bernard GOUGET, chair
 - EFLM-Committee on Continuous training and conferences : Pierre CARAYON, member
 - EFLM Working Group on Cardiac Markers : Guillaume LEFEVRE, member
 - EFLM / UEMS WG on Guidelines : Joseph WATINE, member
 - ✓ Participation in the International Advisory Board of Euromedlab 2013 Milano Meeting
 - ✓ Organization of EuroMedLab 2015 in Paris.

INTERNATIONAL RELATIONS

- Coordination by SFBC Committee on International Relations :
 - ✓ President : Prof. J. Goudable
 - ✓ Past-President in charge of International Relations : Prof. P. Gillery
 - ✓ Members Dr B. Gouget, Dr R. Garnotel and SFBC Executive Board Members
- SFBC representatives :
 - IFCC : Prof. P. Gillery
 - EFLM: Dr B. Gouget (EC4 register : Dr S. Zérah)
 - WASPaLM : Prof. P. Gambert, Prof. P. Gillery

- Participation in the International Advisory Board of next IFCC/EFLM meetings :
 - EFLM Milano 2013,
 - IFCC Istanbul WordLab 2014.
- SFBC : founding member of the FIFBCML : Fédération Internationale Francophone de Biologie Clinique et de Médecine de Laboratoire (FIFBCML first President : Prof. Alain Legrand, SFBC past President)

ADDITIONAL INFORMATION

Participation of SFBC members in IFCC Committees and Working Groups

- **IFCC-EB** B. Gouget, Treasurer, 2012 – 2014
- **IFCC-SD EC** P. Gillery, Vice-Chair, 2011-2013
- **IFCC-SD**

Committees

- Reference Systems of enzymes (C-RSE) J.M. Lessinger, Member, 2011-2013
- Molecular diagnostic (C-MD) D.Sternberg, corresp. member
- Traceability in Laboratory Medicine (C-TLM) A. Vassault, corresp. member

Working groups

- Clinical Quantitative Mass Spectrometry Proteomics (WG-cMSP) S. Lehmann, Chair
- Standardization of Carbohydrate-Deficient-Transferrin (WG-CDT) F. Schellenberg, Chair
- Standardization of Growth Hormone (WG-GH) J.C. Souberbielle, Member
- Standardization of glomerular filtration rate (WG-GFRA) N. Lahlou, corresp. member
- Standardization of Troponin I (WG-Tnl) J.P. Cristol, corresp. member
- Harmonization of antibody tests (WG-HAT) G. Lefèvre, corresp. member
- Quality specifications for glucose POCT (WG-GPOCT) P. Carayon, corresp. member
- Silver book (WG) J. Goudable, corresp. member
- Standardisation of Hemoglobin A2 (WG-HbA2) G. Ferard, Chair
- Standardisation of Pregnancy-Associated Plasma Protein WG-PAPPA) M. Arock, corresp. member
- Standardisation of Albumin Assay in Urine (WG-SAU) R. Garnotel, corresp. member
- Standardisation of Thyroid Function Tests (WG-STFT) E. Caussé, corresp. member
- Standardisation of Glomerular Filtration rate Assessment (WG-GFRA) A. Charrié, corresp. member
- L. Piéroni, corresp. member

• **IFCC-EMD**

- C-Committee on Analytical Quality (C-AQ) A. Vassault, Member
- C-Evidence Based Laboratory Medicine (C-EBLM) J. Watine, corresp. Member

• **IFCC-CPD**

- IFCC News and WG-IFCC News D. Gruson, Member

• **IFCC-TF**

- Task force for Young Scientists (TF-YS) D. Gruson, Chair, 2010-2012

• **IFCC-CCC**

P. Carayon, corresp. member

SFBC Board

	2012 (term ending in november 2012)	2013 (term starting in november 2012)
Executive Board:		
President	Pr Philippe GAMBERT	Pr Joëlle GOUDABLE
Vice-Presidents	Pr Joëlle GOUDABLE Dr Franck FELDEN	Pr Marc DELPECH
Past-Presidents	Pr Alain LEGRAND	Pr Philippe GAMBERT
General Secretary	Pr Philippe GILLERY	Pr Alain LEGRAND
Assistant General Secretary	Dr Roselyne GARNOTEL	Pr Vincent SAPIN
Treasurer	Pr Vincent SAPIN	Dr Véronique ANNAIX
Assistant Treasurer	Dr Franck FELDEN Dr Hubert TRONEL	Dr Franck FELDEN
Scientific Committee :	Dr Véronique DUCROS Pr Sylvain LEHMANN Dr Jean-Philippe LAVIGNE	Dr Véronique DUCROS Pr Sylvain LEHMANN Dr Jean-Philippe LAVIGNE
Editor in Chief ABC :	Pr Jean-Louis BEAUDEUX	Pr Jean-Louis BEAUDEUX
Educational Committee :	Pr Joëlle GOUDABLE	Dr Christine AUGEREAU
Webmaster :	Dr Rémy COUDERC	Pr Vincent SAPIN Séphora SAMTCHAR

HONG KONG

HONG KONG SOCIETY OF CLINICAL CHEMISTRY (HKSCC)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
HKSCC Annual Scientific Meeting	7 January 2012	Nuclear Magnetic Resonance for Clinical Chemists: Principles and Applications
Dinner Lecture I	6 March 2012	Contemporary challenges and opportunities in laboratory medicine
Dinner Lecture II	11 April 2012	What information do we need to implement high sensitivity cardiac Troponin assays into clinical practice
IFCC Visiting Lecture	7 May 2012	Biomarkers for assessing cardiovascular disease risk
Symposiums I-III	11 August 2012	Principle and Role of Anti-Mullerian Hormone (AMH) on Reproductive Disease Pushing the limits of sensitivity and selectivity using mass spectrometry How blood gas analyzer QA management helps to meet overseas accreditations

EDUCATION

The year's educational activities began with the 12th Annual Scientific Meeting held on 7 January 2012. The theme of the ASM was "Nuclear Magnetic Resonance for Clinical Chemists: Principles and Applications with Prof Hector Keun of the Imperial College, London University addressing members. Over 130 members and guests attended the ASM.

A dinner lecture by Dr Andrew St John on "Contemporary challenges and opportunities in laboratory medicine" was held on 6 March 2012. Over 130 members and guest attended the event which was sponsored by Ortho Clinical Diagnostics (HK) Ltd.

Dr Fred Apple delivered a lecture on "What information do we need to implement high sensitivity cardiac troponin assays into clinical practice" on 11 April 2012. The event was well attended by over 150 members and was partially sponsored by Beckman (HK) and Siemens (HK).

IFCC-Abbott Visiting Lecture entitled "Biomarkers for assessing cardiovascular disease risk" was delivered by Dr Gary Myers on 7 May 2012. The event was partially sponsored by Abbott Laboratories (HK) and was attended by over 140 members and guests.

A joint symposium with three companies under the Danaher Group (Beckman Coulter, Radiometer, AB Sciex) was held on 11 August 2012. Three lectures were delivered: "Principles and Roles of Anti-Mullerian Hormone (AMH) in Managing Reproductive Disease States (Dr Linda Rogers, Beckman Coulter), "Pushing the Limits of Sensitivity and Selectivity of Mass Spectrometry in Clinical Research Applications" (Dr Liu Hua-Fen, AB Sciex) and "How Blood Gas Analyzer QA Management Helps to Meet Overseas Accreditations" (Ms Lyn Bourke, Radiometer). The event was attended by over 110 members and guests.

REGIONAL RELATIONS

APFCB Representative

Prof CHAN Kwan-chee Allen

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INTERNATIONAL RELATIONS

IFCC Representative

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HUNGARY

HUNGARIAN SOCIETY OF LABORATORY MEDICINE (MLDT)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
QualiCont Forum	26 January 2012	Quality Assurance
56th Congress of the Hungarian Society of Laboratory Medicine	30 August – 1 September 2012	Laboratory diagnostics of organ transplantation, Neonatal laboratory diagnostics, Laboratory diagnostics in oncology, Endocrinological laboratory diagnostics, New ways in sepsis diagnostics, Research and innovation in laboratories

Jendrassik Awards Ceremony of HSLM, 18 October 2012 Evidence-based laboratory medicine
Hungarian Academy of Sciences

EDUCATION

We had several 1-5 days long, postgraduate training courses at the four Medical Faculties of Universities in Hungary (Budapest, Pécs, Szeged and Debrecen).
There were several one- day training courses mostly organized by in vitro diagnostics companies on different fields of laboratory medicine.

REGIONAL RELATIONS

Traditionally, in the field of laboratory medicine Hungary has relations with Austria, Croatia, Romania and Slovenia.

INTERNATIONAL RELATIONS

Lab Tests Online International Coordination Committee Meeting, Rome, Italy 10-11 May 2012, participation
2nd EFCC-UEMS Congress Dubrovnik 10-13 October 2012, several invited lectures, posters presented by Hungarian colleagues.
The European Society of Clinical Cell Analysis (ESCCA) organized it's 8th European Course and 12th Euroconference on Sept. 11-15. 2012 in Budapest Hungary.
The president of the meeting was János Kappelmayer (head of Department of Laboratory Medicine, Debrecen, Hungary). The courses attracted 210 participants while for the conference an additional 250 scientists and laboratory specialists registered from 40 countries.

INDONESIA

INDONESIAN ASSOCIATION FOR CLINICAL CHEMISTRY (IACC)



EDUCATION

IFCC- Abbott Visiting Lecture
Theme : Biomarkers in Cardiovascular Diseases
Jakarta, November 24, 2012
Speakers : Gary L Myers, PhD, FACB from AACC and Prof. Marzuki Suryaatmadja, SpPK (K) from IACC

The event was well-attended with 106 participants from clinical laboratories and hospitals, coming from Jakarta and its neighbourhood.

The first speaker, Prof. Marzuki talked about Non-lipid Biochemical Markers for Cardiovascular Risk Factor. The talk focused on non lipid biomarkers such as pro oxidant and oxidant marker; hs-CRP as a marker of inflammation and endothelial dysfunction; LpPLA2 as a marker of plaque inflammation; adiponectin as an anti atherogenic and anti inflammatory molecule; MPO as a marker for plaque destabilization and IL-18 as a marker of plaque rupture. The second speaker, Gary L Myers started his presentation with an introduction to the IFCC (member, mission, structure and organization, EB, Divisions) and continued with his talk about Biomarkers for Assessing Cardiovascular Disease Risk. Gary informed about US guidelines for CVD risk prediction, LDL-C direct assay performance, and the role of other markers of CVD risk such Apolipoprotein B, C-reactive Protein, renal markers such as cystatin C.

May I help Campaign /MIHC Programme (BD-IACC)

Until 2012, the programme has been running in 9 hospitals/private clinical laboratory in 4 cities in Indonesia

ISRAEL

ISRAEL SOCIETY FOR CLINICAL LABORATORY SCIENCES



NATIONAL MEETINGS

Name of the meeting	Date	Topic
46th Annual meeting of the ISCLS	20-21/3/2012	
Scientific Sessions		Update on diagnosis and therapy of heart disease New Technologies in Microbiology Cancer and thrombosis Diabetes new laboratory and clinical aspects Acute Myeloid Leukemia: outlook on scientific discoveries and laboratory testing ISCLS meeting, outstanding posters and prizes Genetic markers of cancer Clinical microbiology emergency situations
Plenary Lectures	Prof Hossam Haick Prof Joseph Shiloh	Disease detection from exhaled breath using nanomaterial-based sensors Scientific insights learned from a rare disease ataxia-telangiectasia. ATM
Single day sessions	06 11 2012 23 10 2012 28.02.2012	New aspects of metabolic disease Microbiology and infectious diseases in migrant workers in Israel Innovations in testing and therapy of sexually transmitted diseases

National Forum meetings (Scientific subcommittee on coagulation laboratories of the Israel Hematology Association	06 09 2012 Monthly meetings	National conference of Coagulation laboratories Coagulation laboratory guidelines and protocols online at our site
EDUCATION "COFFEE AND SCIENCE" SEMINARS		
11 09 2012		Free light chain testing, heavy dilemmas Working group formed in association with the Israel Hematology Society
WORKING GROUPS		
Biochemistry: Determining standardized national reference ranges for Hemoglobin A1C to be reported in 2012 as per ADA in both IFCC (mmol/mol) and NGSP (%) Units		
Coagulation: Recommendation for testing and reporting low molecular weight heparin levels by factor Xa inhibition. Details for all commercial kits used in Israel.		
ADDITIONAL INFORMATION		
National committees are currently involved in		
1. Solving dilemmas of FLC testing		
2. POC instruments		
3. Tests for monitoring the new generation of anticoagulants.		

JAPAN

JAPAN SOCIETY OF CLINICAL CHEMISTRY (JSCC)



NATIONAL MEETINGS		
Name of the meeting	Date	Topic
The 52th Annual Meeting of Japan Society of Clinical Chemistry (JSCC)	2012/9/6-8	Further development of Clinical Chemistry
EDUCATION		
In all annual meeting of JSCC and regional meetings in Japan, educational lectures on various clinical chemistry related subjects, such as standardization, analytic methods, and laboratory related trouble shootings were performed by the specialists of clinical chemists. In addition, clinical chemistry related companies held various types of symposiums and educational meetings in all over Japan all the year round.		
REGIONAL RELATIONS		
In addition to the annual meeting of Clinical Chemistry, one or twice a year, regional meeting was held. In addition, to facilitate the regional communications and to fasten the regional relationship, irregular meetings on clinical chemistry were held all over Japan.		
INTERNATIONAL RELATIONS		
Representative to APFCB Council: Yukio Ando Education Committee: Susumu Osawa Scientific Committee: Kiyoshi Ichihara Laboratory Management Committee: Yutaka Yatomi Communications: Hitoshi Chiba Congress and Conferences: Yuzo Kayamori		
IFCC Activity Scientific Division (SD), Executive Committee (EC):		Naotaka Hamasaki, Member
SD Committees:		
• Reference Intervals and Decision Limits (C-RIDL):		Kiyoshi Ichihara, Chair
• Nomenclature, Properties and Units (C-NPU):		Kazuyoshi Yamauchi, Member
• Molecular Diagnostics (C-MD):		Masato Maekawa, Member
• Reference Systems of Enzymes (C-RSE):		Shigeru Ueda, Member
• Traceability on Laboratory Medicine (C-TLM):		Shigemi Hosogaya, corresp. Member
• Standardization of Thyroid Function Tests (C-STFT):		Akira Hishinuma, corresp. Member
SD Working Groups		
• Clinical Quantitative Mass Spectrometry Proteomics (WG-cMSP):		Yukio Ando, Member
• C-NPU, Working group on the Silver Book revision:		Kang Dongchon, Member
• Standardization of Albumin Assay in Urine (WG-SAU):		Yoshihisa Itho, Member & corresp. Member
• Standardization of Hemoglobin A2 (WG-HbA2):		Tadao Hoshino, corresp. Member
• Standardization of Carbohydrate Deficient Transferrin (WG-CDT):		Fumio Nomura, corresp. Member
• Standardization of Troponin I (WG-TNI):		Junichi Ishii, corresp. Member
Education Management Division (EMD) Committees		
• Clinical Molecular Biology Curriculum (C-CMBC):		Kenji Izuhara, Member Tadao Funato, corresp. Member

INTERNATIONAL RELATIONS

Communications and Publications Division (CPD) Committees

- Internet and e-Learning (C-leL)

Hideo Sakamoto, Member

Task Forces/Special Projects

- Task Force on Implementation of HbA1c Standardization (Integrated Project) (TF-HbA1c) Izumi Takei, Member

International Journal Editor

Editorial Board for Annals of Clinical Biochemistry:

Editorial Board of CCLM:

Editorial Board of Clini Chim Acta:

Kiyoshi Ichihara

Kiyoshi Ichihara

Nobumasa Okumura, Masato Maekawa, Takashi Miida,

Minoru Tozuka, Katsuyuki Nakajima

Publication of original papers

- Papers on CCLM

8 papers were published during 2012

- Papers on ACB

9 papers were published during 2012

ADDITIONAL INFORMATION

About 1,400 members including MD and PHD belong to JSCC and 9 blocks were divided as the each centre of JSCC. The annual meeting is held once a year and more than 300 papers are discussed in the meeting and the regional meetings were held once a year in each region and interesting symposiums and special lectures are planned by an annual president of the meeting.

KOREA

KOREAN SOCIETY OF CLINICAL CHEMISTRY (KSCC)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
Annual Meeting of KSCC	2012. 6. 1.-2.	Plenary Lecture; Next-Generation Sequencing, Biomarker Discovery & Future Medicine Symposium 1; Clinical Utility of Laboratory Testing: Techniques & Case Studies Symposium 2 ; Point-of-Care Testing: Implementation & Quality Assurance Poster Presentation Education Sessions
Quality Assurance Workshop	2012. 9. 7.	Biochemical & Genetic Test Quality Assurance
Standardization Workshop	2012. 11. 9.	Workplace Drug Testing Standardization

EDUCATION

Electrochemistry & Chemical sensors
Preanalytical Variables & Analytical Performance Criteria based on Biological Variation
Lipids & other Cardiovascular Risk Factors
Kidney Function Tests
Laboratory Evaluation of Pregnancy
Carbohydrate Metabolism & Diabetes

LEBANON

SYNDICAT DES BIOLOGISTES DU LIBAN (SDBL)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
Les 5èmes journées pharmaceutiques et biologiques de la Faculté de pharmacie de l'USJ	April 25th 2012	Microbiologie-Biochimie- management et Qualité au Laboratoire
Journée de Biologie Clinique Hôtel Dieu de France	June 9th 2012	Toxi-infections alimentaires, maladies cardio-vasculaires, protéines liquides biologiques, marqueurs cancers ovaires poumons, troubles croissance, vit D, Qualité
Café Scientifique Notre Dame de Secours	June 21st 2012	Vit D, Hepatite B, plaque athérome

2ème Congrès de la Fédération Internationale Francophone de Biologie Clinique et de Médecine de Laboratoire	4-6 october 2012	All fields
Workshop	21 Mars 2012	Vitamin D : Overview, Updates and Analytical Importance
EDUCATION		
Workshops: 1- Time Management 30 Mars 2012 2- Quality Improvement Tools & Applications 10 Fevrier 2012		
REGIONAL MEETINGS		
Name of the meeting	Date	Society's contribution for the meeting
Regional Workshop on Strengthening Health Laboratory Quality Systems, and Review Meeting of the Microbiology External Quality Assessment (EQA)	Programme (Amman, Jordan, 7-11 October 2012) Background	Syndicat Des Biologistes du Liban En Route to Accreditation Of Clinical Laboratories By Dr. Adel Mastori

LITHUANIA



LITHUANIAN SOCIETY OF LABORATORY MEDICINE

REGIONAL MEETINGS		
Name of the meeting	Date	Society's contribution for the meeting
11th Baltic Congress of Laboratory Medicine	May 10-12, 2012	Congress Organizer
REGIONAL RELATIONS		
Lithuanian Society of Laboratory Medicine (LLMD) is member of Baltic Association of Laboratory Medicine (BALM). Other 2 members of BALM are: Latvian Society of Laboratory Specialists and Estonian Society of Laboratory Medicine. The main task of the Association – organization of Baltic Congresses of Laboratory Medicine held every second year in one of the Baltic Countries.		
INTERNATIONAL RELATIONS		
LLMD is member of IFCC and EFLM.		

MEXICO



MEXICAN ASSOCIATION OF CLINICAL BIOCHEMISTRY (AMBC)

NATIONAL MEETINGS		
Name of the meeting	Date	Topic
6o International Conference on Quality	June 26-29, 2012	INTERNET BASED CONFERENCE IN QUALITY FOR THE CLINICAL LABORATORY IN CHEMISTRY, MICROBIOLOGY, SEROLOGY, BLOOD BANK, HEMATOLOGY AND HbA _{1c}
EDUCATION		
Registration at the Council Training Program of the Journal of Clinical Chemistry .American Association for Clinical Chemistry. Video Conferences on laboratory topics provided by BIO RAD, S.C. Mexico/Latin American Course on Laboratory Accreditation at the University of Yucatan Training Program in Clinical Laboratory Symposia on Creatinine Standarization to estimate the GF according to IFCC WASP NCKDEP recommendations to national and local meetings of professional societies in laboratory medicine.		
REGIONAL MEETINGS		
Name of the meeting	Date	Society's contribution for the meeting
AACC Annual meeting	August 2012	Full attendance
REGIONAL RELATIONS		
COLABIOCLI, LATIN AMERICAN CONFEDERATION OF CLINICAL BIOCHEMISTRY		

INTERNATIONAL RELATIONS

FULL MEMBER, IFCC
MEMBER, ISO TC212 /WG1
MEMBER, AWARDS COMMITTEE IFCC
MEMBER, INTERNATIONAL SCIENTIFIC COMMITTEE, LATIN AMERICAN CONGRESS 2013
MEMBER, EDITORIAL BOARD, BIOCHEMIA MEDICA OF THE CROATIAN SOCIETY OF MEDICAL BIOCHEMISTS
MEMBER, EDITORIAL BOARD, POINT OF CARE TESTING JOURNAL, USA.
MEMBER, EDITORIAL BOARD IDV/RIA/IFCC www.ifcc.org
MEMBER, IFCC CPD WG.IANT
MEMBER, INTERNATIONAL ADVISORY BOARD IFCC WORLDLAB CONGRESS 2014
MEMBER, EDITORIAL COMMITTEE, EL MICROSCOPIO RADIO BY INTERNET

ADDITIONAL INFORMATION

BOARD MEMBER, MEXICAN ACCREDITATION ENTITY
MEMBER, COMMITTEE ON LABORATORY ACCREDITATION, MEXICAN ACCREDITATION ENTITY
MEMBER, WORKING GROUP IN LABORATORY MEDICINE, MEXICAN ACCREDITATION ENTITY
MEMBER, NATIONAL COUNCIL OF BOARD CERTIFICATION FOR CLINICAL CHEMISTS, COMMITTEE OF THE NATIONAL COLLEGE OF CHEMISTS, PHARMACISTS AND BIOLOGISTS OF MEXICO, A.C.
MEMBER, LATIN AMERICAN WORKING GROUP OF THE AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY.

MONTENEGRO



MONTENEGRIAN ASSOCIATION OF CLINICAL CHEMISTRY AND LABORATORY MEDICINE

NATIONAL MEETINGS

Name of the meeting	Date	Topic
Annual meeting of Montenegrin Association of Clinical Chemistry and Laboratory Medicine	February 2013	Organization of 21st BCLF Meeting

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
21st BCLF Meeting	25-28, September 2013	Organiser

PAKISTAN



PAKISTAN SOCIETY OF CHEMICAL PATHOLOGISTS (PSCP)

EDUCATION

1. Workshops on "Good Professional Practices in Chemical Pathology"

Series of workshops were conducted by Brig Dr. Amir Aijaz, Dr Adnan Zubairi and Brig Dr. Rizwan Hashim in PNS SHIFA Naval Hospital, Karachi, Pakistan on 16 Dec 2011 and at Armed Forces Institute of Pathology (AFIP), Rawalpindi, Pakistan on 17th March 2012. In these workshops young pathologists and Post-Graduate students of Chemical Pathology were trained on various routine professional activities they are supposed to carry out during their professional life including communicational skills. They were also trained for laboratory safety and good laboratory practices.

2. 4th CME Biennial Course in Chemical Pathology

Fourth CME Biennial Course was held for young Consultants and Post-Graduate Students of Chemical Pathology, Internal Medicine and other related specialties. A large number of them from all training institutes of Pakistan attended the course. This two day course was organized by Armed Forces Institute of Pathology (AFIP), Rawalpindi, Pakistan on 16th and 17th March 2012. Major General Farooq Ahmed Khan, Patron Pakistan Society of Chemical Pathologist and Commandant AFIP appraised the participants about updates in management of Diabetes Mellitus. Eminent specialist in Chemical Pathology and related specialties gave updates on various aspects of Metabolic and Endocrine diseases, Novel markers, Point of Care Testing, management of critically ill patients, molecular diagnostics, Laboratory Management and Quality Control.

3. Workshop on Method Evaluation

A workshop on Method Evaluation was held in Department of Chemical Pathology, PNS SHIFA Naval Hospital, Karachi Pakistan, on 06 Nov 2012. Brig Dr Amir Aijaz and Dr Adnan Zubairi were facilitator of this workshop. It was attended by 12 junior Pathologists and post-graduate students of Chemical Pathology (Clinical Chemistry). Participants learnt by Hands-on Exercises the procedures adopted for Analytical Method Validations in Laboratory Medicine as per CLIA and ISO 15189 requirements according to CLSI guidelines.

EDUCATION

4. Workshop on 'In-Born Errors of Metabolism

This workshop was held in the College of Physicians and Surgeons, Karachi, Pakistan, in collaboration with Aga Khan University, Karachi, Pakistan, on 07 November 2012. Dr Ayesha Habib, Dr Farooq Ghani and Brig Dr Amir Aijaz were facilitators of this workshop. Participants were mostly post-graduate students of Chemical Pathology (Clinical Chemistry) and senior Laboratory Technologists. Inborn errors of metabolism were discussed in detail, pathophysiology, clinical presentation, and the clinical laboratory support in diagnosis and management, sample collection and various analytical techniques used for the screening and diagnosis of IEM were discussed along with some practices of data interpretation at higher cognitive domains were practiced by the participants.

5. Workshop on Clinical Toxicology

This workshop was conducted in Department of Forensic Toxicology, AFIP, Rawalpindi, Pakistan on 7th Dec 2012. Brig Dr Dilshad Ahmed Khan, Brig Dr Rizwan Hashim and Col Dr Muhammad Amir were facilitators of workshop. This workshop was largely attended by chemical pathologists, post graduate trainees senior technologists of different clinical laboratories from all over Pakistan. Various aspects of clinical toxicology including, therapeutic drug monitoring, grouping of toxins, clinical presentation, choice of clinical samples, sample preparation in department, Screening methods and confirmation of screened toxins along with analytical techniques especially CO-oxymetry, osmometry, immunoassays, HPLC and GCMS were discussed and demonstrated.

6. Fifth PSCP Conference

The fifth PSCP conference was held with First Joint conference of all societies of Pakistan Association of Pathologists (PAP) at Convention Centre, Islamabad, Pakistan on 7th to 9th Dec 2012. Most of the practicing clinical pathologists and post graduate trainees of Pakistan attended this conference. The conference was also attended by diagnostic companies with their stalls in exhibition areas for demonstration of their instruments and other support for clinical laboratories. Prof Aw Tar Choon (Singapore) and Dr D P Mikhailidis (United Kingdom) delivered lectures on Circulating tumor cells & CVD risk assessment respectively, in plenary session. The scientific sessions followed, which were well attended by personnel from clinical laboratories from all over the Pakistan. Apart from various presentations by Chemical Pathologists, free papers were presented by the post graduate trainees and laboratory technologists.

ADDITIONAL INFORMATION

President, PSCP Dr. Imran Siddiqui and Secretary, Dr Adnan Zubairi attended IFCC conference in Malaysia. Executive Council met at regular intervals to overlook the technical, professional and administrative affairs of the society, recommendation for the new memberships of IFCC and nominations for the various committees of IFCC. The general body meeting was held with conference in convention hall Islamabad in Dec 2012 where Election commission was formally communicated to hold the election of next executive council in March 2013.

PARAGUAY

ASOCIACIÓN DE BIOQUÍMICOS DEL PARAGUAY (ABP)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
Projects ABP 2013 Meeting	December 11th, 2012	Biochemical Specialties, Residences and Scientific Societies.
Quality Control and Management in the Clinical Laboratory	October 4th- 5th, 2012	Quality Control. Organization
Clinical Implications Biochemical Laboratory results.	September 28th- 29, 2012	Endocrinology
II Congress of Chemistry of the Interior. Villarrica-UCA.	September 13th-14th, 2012	Biochemistry
The Laboratoy in Autoimmune diseases	August 24th, 2012	Inmunology
International Conference ABP-AACC-IFC-WCoulterF.	June 7th- 8th, 2012	Added Value in Patient Care Using Quality Control
The clinical analysis laboratory and health facility	March 23th – 24th, 2012	The professional role of Biochemist.

EDUCATION

The following educational activities were undertaken in 2012 within the ABP Continuing Education Program 2012:

Internal & External quality control. Organization and quality management system in the clinical laboratory. Importance of Certification and / or Accreditation of clinical laboratory.

Persistence and Recurrence in Lower Genital Tract Infections Women.

Clinical Implications Biochemical Laboratory Results in Endocrinology. Importance of communication in Health Team. Pre and post analytical considerations in measuring follicle stimulating hormone (FSH);

luteinizing hormone (LH) and prolactin, for proper clinical interpretation. Part I and II

EDUCATION

Pre and post analytical considerations in the measurement of androgen for correct clinical interpretation. Utility function tests in gynecological endocrinology. How and when will I need? How to interpret your results. Study and hypoandrogenism hyper feminine. Measurement of HCG. Basics.

Added Value in Patient Care Using Quality Control. Terms of Quality in Clinical Laboratory: Q, QC, TQM, QS, EQAS. Program Planning Quality Control, Statistical Analysis of Quality Control, Using Best Practices and Guidelines in Program Quality Control, How to compare results between laboratories: Why is it important? Laboratory personnel, the consequences of not performing quality control, Laboratory Accreditation.

The professional role of Biochemist. The clinical analysis laboratory and health facility Basics negotiation with the financial sector.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
Argentine Congress of Quality in Clinical Laboratory - CALILAB. Bs. As, Argentina	November 7th-10th, 2012	Fundación Bioquímica Argentina CUBRA COLABIOCLI
Latin American Congress of Microbiology. 27 th Brazilian Congress of Microbiology. III Teachers National Microbiology Meeting. Santos, Brazil	October 28 to November 1, 2012	ALAM SBM
XI International Congress of Ecuador and VII of Clinical Biochemistry. Cuenca, Ecuador.	October 23th- 27th, 2012	SEBIOCLI
American Society for Microbiology General Meeting	June 16th- 19th, 2012	ASM
First Congress biochemical Northeast Argentina. Resistencia, Chaco, Argentina.	June 13th- 16th, 2012	Chaco and Corrientes Biochemist College.

REGIONAL RELATIONS

Speakers invited in ours National Meetings and Courses:

Carlos Navarro, Alicia Farinatti , Daniel Mazziotta , Silvia Quiroga, Cecilia Fenili , Guillermo Rossi, Gabriel Migliarino (ARG)
José Jara Aguirre (Perú)
Eduardo Callejas (USA),
Stella Raymondo (UY)
Rosa Sierra Amor (México).
Ana Leticia Caceres de Maselli (Guatemala)

ABP participation in Regional meetings was as members of the organizing committee, scientific committee members, as speakers, on presentation of scientific works and as assistants to various working groups.

INTERNATIONAL RELATIONS

Dra. Silvia Ciccioni attended the CALILAB meeting.

Dra. Juana Ortellado is ASM Ambassador.

Dra. Graciela Velázquez was elected as member of the committee - analytical grade (C-AQ, EMD) and attended the IFCC General Conference.

Our National Representative Dra. Montserrat Blanes attended too as a member of the CC-C.

Javier Barua, Biochemist, MSc. from FCQ-UNA was awarded with the IFCC Roche Travel Scholarships for General Conference 2012 held in Kuala Lumpur, Malaysia.

ADDITIONAL INFORMATION

Dra. Juana Ortellado is the representative of the Chemist at the National Health Council.

ABP is currently working on union issues such as Commission on Professions Catalogs, Law Commission of Health Career and Comision Licensing for professional practice in Health. Dra. Raquel Caceres is traveling to different cities like, Ciudad del Este and Villarrica for professional relationship. The Program of External Quality Control was fulfilled, with the collaboration of the Institute of Health Sciences Research (IICS), UNA. There were six evaluations of Clinical Chemistry on three shipments.

ABP releases "Laboratory Fees Update" by the Commission of the ABP Private Laboratories.

We actively participated in meetings of the Paraguayan Federation of Chemists (FQP).

POLAND

POLISH SOCIETY FOR LABORATORY DIAGNOSTICS (PTDL)



NATIONAL MEETINGS		
Name of the meeting	Date	Topics
SALMED – Laboratory 2012 (Poznan Branch together with the Diagnostic Dept. of Pom Med University)	March 14-15.2012.	Evidence based Laboratory Medicine, organisation and management of medical laboratories
Progress in laboratory technology (Warsaw Branch together with the National Chamber of Laboratory Diagnosticians)	March 29.2012	The impact of the technological advances on laboratory diagnostics
2nd Pomeranian meeting with the diagnostics (Gdansk, Slupsk & Olsztyn Branch)	April 20-21. 2012.	Neurochemistry; laboratory diagnostics of malnutrition, hemostasis, rheumatology and CVD
Laboratory diagnostics of the male (in)fertility (Rzeszow Branch, together with the Polish Andrology Society)	April 19-20.2012.	Diagnostics of fertility
Trends in the diagnostics of hemostasis disorders (Poznan Branch)	April 20-21. 2012	Diagnostics of hemostasis disorders
HbA _{1c} in the diabetes diagnostics (Krakow Branch together with the Dept. of Metabolic Diseases JUMC)	May 07-.2012.	Standardization and diagnostic use of HbA _{1c} measurements
Progress in the diagnosis and monitoring of civilization diseases (Szczecin Branch)	May 17-19.2012	Disgnodtics of CVD, kidney disorders, malignancies and viral infections.
Laboratory Diagnostics 2012 (Rzeszow Branch)	May 17-18.2012	Diagnostics of diabetes, CVD and kidney disorders
Laboratory 2012 (Wroclaw, Szczecin & Opole Branch)	May 25-26.2012	Diagnostics of inflammation, allergy, diabetes, fertility disorders and malignancies
Advances in laboratory Diagnostics (Katowice Branch)	September 14-15.2012.	Diagnosis of diabetes, CVD and critically ill patients; molecular biology techniques
Lodz Diagnostic Meeting (Lodz Branch)	September 20-22.2012.	Diagnosis of CVD and allergy
2nd Lubuski Diagnostic Autumn (Lubuski Branch)	October 18-19.2012.	Toxicology and therapeutic drug monitoring
The importance of diagnostic and microbiological laboratory (Kielce Branch together with the National Chamber of Laboratory Diagnosticians)	October 27.2012.	Microbiological testing; diagnosis of CVD and inflammatory states
EDUCATION		
Each of 18 branches of the Society organizes every month or every second month a scientific-educational meeting (1-2 lectures, 2-3 hours) on various topics in the field of laboratory medicine. In vitro diagnostic companies present their new products.		
REGIONAL MEETINGS		
Name of the meeting	Date	Society's contribution for the meeting
Educational Conference in Prague	17-19th March 2012	Prof. Grazyna Sypniewska (Vice-President of the Society and NR) gave a presentation on "Laboratory medicine as a profession and medical science".
11th Baltic Congress of Laboratory Medicine (Vilnius)	10-12th May 2012	Tomasz Anyszek PhD presented a lecture "Experiences of laboratory accreditation in Europe"
Cystatins 2012, Polish-Swedish Cystatin C meeting, WG on Cystatin C, Olofsfors, Umea, Sweden	June 10-13 2012	Joanna Pollak PhD, member of Polish Society and member of WG -SCC 8.3.37- gave an oral presentation

2nd EFLM-UEMS Congress in Dubrovnik	10-13th October 2012	Polish Representative Tomasz Anyszek and Grazyna Sypniewska attended the EC4 meeting; Grazyna Sypniewska attended the C-PE meeting; 4 posters and 1 oral presentation by members of the Polish Society
International Conference "Vitamin D – minimum, maximum, optimum" in Warsaw	22-23 rd October 2012	President of the Society Prof. Bogdan Solnica chaired one session and took part in the round-table discussion; prof. G.Sypniewska gave two presentations.
Slovak Congress of Laboratory Medicine in Martin	29-30th November 2012	Prof. Grazyna Sypniewska gave a presentation on "Laboratory medicine as a profession and medical science".

REGIONAL RELATIONS

President of the Society Prof. Bogdan Solnica – member of EC4 Register Commission at EFLM

Tomasz Anyszek PhD – National Representative of Poland at EFLM.

Prof. Grazyna Sypniewska - National Representative of Poland at IFCC; member of EFCC-Postgraduate Education Committee has been nominated (December 2012) a chair of Working Group C-PE (Congresses and Postgraduate Education) at EFLM.

INTERNATIONAL RELATIONS

Grazyna Sypniewska has been invited to be a member of IFCC eJIFCC Working Group

NR of Polish Society at IFCC (Grazyna Sypniewska) took part in the IFCC General Conference which took place in Kuala Lumpur 17-20th November 2012.

ROMANIA



ROMANIAN SOCIETY OF LABORATORY MEDICINE (SRML)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
19th National Congress of Laboratory Medicine	30 oct-3 nov 2012	Evidence based Medicine
7th National Congress of Mediclal Laboratory assitants	30 oct-3 nov 2012	Evidence based Medicine
2 nd Simpoziu of Terapeutic Drug Monitoring and Clinical Toxicology	30 oct-3 nov 2012	Laboratory expresion of Drug administration

EDUCATION

Geriatrics-a challenge for Laboatroty medicine ,Sibiu ,1-30 mars 2012, cours for General Practitioners

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
BCLF-Belgrade	september 2012	3 plenary lectures

RUSSIA



RUSSIAN SCIENTIFICALLY-PRACTICAL SOCIETY OF SPECIALISTS IN LABORATORY MEDICINE (RSPSSLM)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
Conference	March 27-29,2012, Moscow,Russia	Integration for Laboratory Medicine
Scientific and practical conference	June 4-5, 2012, St.-Petersburg, Russia	"Optimization of dialogue of laboratory and clinical physicians"
XVI Forum "National days for Laboratory Medicine of Russia"	October 2-4, 2012, Moscow, Russia	Real Clinical Laboratory services:degree of conformity to Laboratory Medicine Standards, Quality, prime cost and price

EDUCATION

1. Klinicheskaya Laboratornaya Diagnostika: National Quidelines in 2 Volumes/Edited by V.V. Dolgov, V.V.Menshikov, Moscow, GEOTAR,2012
2. City Samara, Samar State Medical University (SamSMU), March 23, 2012, Maser class in immunohematology. Regional Dept organized Maser class and presentations, lector Dr. I.F.Sidorova.

3. City Samara, Samar State Medical University (SamSMU), March, June, September 2012, Maser classes on using of evacuated systems for blood collection. Regional Dept organized Maser class and presentations, lector Prof. O.A.Gusyakova.
4. City Samara, Samar State Medical University (SamSMU), Nov 11, 2012, Maser class "Coagulometes Tcoag and Human – reliable instruments for modern coagulation investigations" on using of evacuated systems for blood collection. Regional Dept organized Maser class and presentations, lector Dr. I.V.Pryakhin (Moscow).
5. City Kaliningrad, Regional Hospital, Oct 10, Oct 24, Nov 8, Nov 9, Dec 11, Dec 12, 2012. Training for medtechnologists in Laboratory Diagnosis of Tuberculosis. Regional Dept organized the training, Chair Dr. T.V.Tuktyaeva.
6. Educational lecture, city Saratov, February 2012, "Reagent Kits for investigation of IgE" lectors: Nikitina V.V., Ivanenko I.L.
7. Rudneva A.A., Kozlov A.V., Bolshakova G.D. Laboratory methods in diagnosis of urinary stone disease. Klinicheskaya Laboratornaya Diagnostika 2012;2;3-7.
8. Lab analysis in hematology. Unified methods of lab investigations and their clinical and diagnostic application. Guidelins for training, Saratov, Russia: 2012;110p.
9. Clinical and Hormones particulars of sexual development in boys. Guidelins for training, Saratov, Russia: 2012; 48 p.
 - a. Clinical and diagnostic application of laboratory investigation of CSF . Guidelins, Saratov, Russia: 2012.
10. Korshunov G.V., Puchinian D.M., Shakhmarova S.G. Molecular markers of system immflamatory respond and hemocoagulation in transplantation of femoral joint. Klinicheskaya Laboratornaya Diagnostika 2012;2;50-52.
11. City Saratov, S.P. Mirotvorcev Hospital, Fev 2nd, 2012, Workshop "Annual Report of Laboratory Service of Saratov Region. Accomplishment of ISO 15 189". Lector Main Specialist in Lab Service of Russian Health Care Ministry Avdienko I.V.
12. City Saratov, S.P. Mirotvorcev Hospital, Sept 20, 2012, Workshop "Standardization of technological processes in practice of medical laboratories", Lectors Avdieenko I.V., Berezhnova I.A.
13. City Saratov, S.P. Mirotvorcev Hospital, March 3d, 2012, Meeting of Saratov Dept of RSPSSLM "Lab technologies in diagnostic of endogenous intoxication in collagen tissues". Lector Belova S.B.
14. City Saratov, S.P. Mirotvorcev Hospital, April 19, 2012, Meeting of Saratov Dept of RSPSSLM. "Influence of nano-particles of Iron and Cuprum on pathological microorganisms". Lector mamonova I.V.
15. City Saratov, S.P. Mirotvorcev Hospital, May 20, 2012, Meeting of Saratov Dept of RSPSSLM. "Analytical possibilities in modern bacteriological diagnostics". Lector Avdienko I.V.
16. City Saratov, S.P. Mirotvorcev Hospital, October 10, 2012, Meeting of Saratov Dept of RSPSSLM. "Economics of modern laboratory. Management. Realization of modernization program in lab Medicine. Lector Avdienko I.V.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
The III International scientific on-line conference "Actual Problems of Biochemistry and Bionanotechnology" conference	October 10,2012, St.-Petersburg, Russia	Organizing committee, lectures in session "Innovation in Laboratory Quality Management",
Scientific and practical conference: "Modern methods of POCT diagnostics "	February 29, 2012, St.-Petersburg, Russia	Organizing committee, lectures
Regional scientific practical conference for Laboratory Medicine Specialists "Modern demands to performance of Medical laboratories. Statndads and economics"	City Velikyj Novgorod, Russia, Novgorod Regional Hospital, October 24, 2012	Regional Dept organized the conference and presentations, organizer main specialist in Lab Medicine of Velikyj Novgorod Dr. Chaikovskaya V.I..
Regional scientific practical conference for Laboratory Medicine Specialists "Modern high technological approaches laboratory investigations".	City Nizhnyj Novgorod, Russia, October 25, 2012	Regional Dept organized the conference and presentations, Chair of RSPSSLM Regional Dept Professor K.N.Kontorschikova, lecturer Yu.P. Efremenko.
Regional scientific practical conference "Modern aspects in diagnostics and treatment in hematology". Regional Dept organized the conference and presentations	City Samara, Russia, Samar State Medical University (SamSMU), Feb 24, 2012	Regional Dept organized the conference and presentations. Organizers SamSMU and Health Care committee of Samar region: professor F.N.Gilmiyarova, professor O.A. Gusyakova. Lectors: professor O.A. Gusyakova, Dr. I.A. Selezneva.
Regional scientific practical conference "Actual questions of Quality Management of laboratory service".	City Samara, Russia, Samar State Medical University (SamSMU), May 17, 2012	Regional Dept organized the conference and presentations, organizers professor F.N. Gilmiyarova, professor O.A.Gusyakova
Regional scientific practical conference "Contribution of Medical Technologists and Medical Nurses to The Program of modernization in Health Care "	City Samara, Russia, Samar Medical Regional College, May 24, 2012	Regional Dept organized the conference and presentations, lector professor O.A.Gusyakova
Regional scientific practical conference "Actual questions of Laboratory Diagnostics in Pediatric Service"	City Samara,Russia, Samar Medical Regional College, June 11, 2012	Regional Dept organized the conference and presentations, lector Dr. I.A.Selezneva
Regional conference "Actual questions of Laboratory Medicine"	City Samara, Russia,Samar State Medical University (SamSMU), Sept 24, 2012	Regional Dept organized the conference and presentations, organizers professor F.N. Gilmiyarova, professor O.A.Gusyakova, lectors Prof. O.A.Gusyakova, Dr. Dr. S.I.Murskyj

Regional conference "Actual questions and problems in diagnosis of TORCH infections"	City Samara, Russia, Russia, Samar State Medical University (SamSMU), Dec 5, 2012	Regional Dept organized the conference and presentations. Organizers SamSMU and Health Care committee of Samar region, lector Dr. I.F.Sidorova.
Conference "Epidemiology and Laboratory diagnosis in Tuberculosis"	City Kaliningrad, Regional Hospital, Russia, Feb 21, 2012	Regional Dept organized the conference, Chair Dr. T.V. Tuktyaeva.
Conference "Automatization in clinical investigations. Problems of repeated smears of sputum in patients with tubersulosis"	City Kaliningrad, Regional Hospital, Russia, March 22, 2012	Regional Dept organized the conference and presentations, Chair Dr. T.V. Tuktyaeva.
Conference "HIV/AIDS diagnostics"	City Kaliningrad, Regional Hospital, Russai, April 4, 2012	Regional Dept organized the conference and presentations, Chair Dr. T.V. Tuktyaeva
Conference "Modern technologies in diagnosis and monitoring of Hepatitis B. Errors in immunoassay analysis"	City Kaliningrad, Regional Hospital, Russia, May 25, 2012	Regional Dept organized the conference and presentations, Chair Dr. T.V. Tuktyaeva
Conference "Modern technologies in biochemistry. Lab Diagnostics of sepsis. Microplate technology in immunoassay"	City Svetlogorsk (Kaliningrad Region), Russia, Sept 28 25, 2012	Regional Dept organized the conference and presentations , Chair Dr. T.V. Tuktyaeva
Conference "Pipetting and dosage devised in Laboratory practice: errors, service and quality".	City Kaliningrad, Regional Hospital, Russia Oct 25, 2012	Regional Dept organized the conference and presentations, Chair Dr. T.V. Tuktyaeva
Conference "IQC of semi quantitative immunoassay technologies. Turbidimetric technologies in laboratory investigations"	City Kaliningrad, Regional Hospital, Russia, Nov 21, 2012	Regional Dept organized the conference and presentations, Chair Dr. T.V. Tuktyaeva.
Regional conference "Hepatitis, classification, immune system and vaccination"	City Ivanovo, Russia, January 17, 2012	Regional Dept organized the conference and presentation, Organiser Main Specialist in Lab Medicine of Ivanovskiy Region Dr. V.V. Ved, lector professor V.F. Balikin
Regional conference "Automated electrophoresis technologies for protein investigations"	City Ivanovo, Russia, March 21, 2012	Regional Dept organized the conference and presentation, lector Dr. V.A. Funt
Regional conference "Lab diagnostics of Tuberculosis in Ivanovskiy Region according WHO program"	City Ivanovo, Russia, November 20, 2012	Regional Dept organized the conference and presentation, lector Head of TB Hospital of city Ivanovo Dr. T.N. Zhidak
1st Regional scientific practical conference for Laboratory Medicine Specialists "Automatization, centralization, informatization and external audit of clinical diagnostic laboratories"	City Saratov, Russia, S.P. Mirotvorcev Hospital, June 1st, 2012	Regional Dept organized the conference and presentations devoted to education and training in Lab Medicine and EQA
2nd Regional scientific practical conference "Actual problem in Laboratory Medicine"	City Saratov, Russia, S.P. Mirotvorcev Hospital, December 6, 2012	Regional Dept organized the conference and presentations devoted to modernization in Health Care and Lab Medicine and Actual problems in Lab service of Saratovskiyi Region

REGIONAL RELATIONS

City Samara, Samar State Medical University (SamSMU), Sept 21, 2012, Inter-regional sci-entific practical Forum for experts "Coagulation Consilium". Regional Dept organized the conference and presentations, lector O.A. Gusyakova

City Samara, Samar State Medical University (SamSMU), Oct 24, 2012, Inter-Regional scientific practical conference "Actual questions for Laboratory Medicine". Regional Dept organized the conference and presentations, lector s professor O.A. Gusyakova, Dr. I.A. Selezneva.

City Nizhnyj Novgorod, Nizhegorodskaya Fair, April 11, 2012. Inter-regional scientific practical conference for specialists in Laboratory Medicine, Epidemiology, Microbiology "Modern Standards and technologies for Laboratory Diagnostics" in frame of 13th International Medical Forum "Standards like a basis to increase efficiency of Health Care", Chair of RSPSSLM Regional Dept Professor K.N. Kontorschikova.

City Ivanovo, Russia, Sept 18, 2012. Regional workshop "Pipetting technique". Regional Dept organized the conference and presentation, lector Dr. I.N. Sakharova (St.-Petersburg)

City Ivanovo, Russia, May 15, 2012. Regional conference "Modern approach to inflammatory proteins" Regional Dept organized the conference and presentation, lector Dr. O.V. Galkina (St.-Petersburg).

City Ivanovo, Russia, December 18, 2012. Regional conference "Innovation in express diagnosis of Gases and Electrolites". Regional Dept organized the conference and presentation, lector A.V. Kozinskaya (Moscow).

EFLM speaker Professor P. Schuff-Werner (Fermany) made a presentation in National Meeting - XVI Forum "National days for Laboratory Medicine of Russia" in Moscow, October 2nd, 2012 on topic "LABORATORY MEDICINE IN GERMANY: SYSTEM OF REIMBURSEMENT FOR LABORATORY ANALYSES – CRITICAL EVALUATION OF MODERN SITUATION AND FUTURE PROSPECTS FOR HARMONIZATION IN EUROPE"

EFLM speaker Professor P. Schuff-Werner (Germany) made a presentation in Regional Conference in St.-Petersburg, October 1st, 2012 on topic "Anaemia of the Elderly – also a problem of missing Reference Values".

EDUCATION

AACC speaker Professor Greg Miller (USA, AACC president) made 2 presentations in Scientific Practical conference "Optimization of dialogue of laboratory and clinical physician" in June 4-5, 2012, city St.-Petersburg, Russia on topics: "From chaos to order: harmonization of clinical laboratory test results" and "Laboratory tests in kidney diseases".

M. Lazzeri, G. Lughezzani, G. Lista, A. Larcher, G.M. Gadda, G. Guazzoni (Vita Salut San Rafael University. Malan, Italy) made a presentation in XVI Forum "National days for Laboratory Medicine of Russia" in Moscow, October 2nd, 2012 on topic "LAST DATA ON USE OF THE NEW MARKER OF THE CANCER OF THE PROSTATE GLAND OF [-2] PRO-DOG AND INDEX OF HEALTH OF THE PROSTATE".

Dr. G. Greub (University of Lausanne, Switzerland) made a presentation in XVI Forum "National days for Laboratory Medicine of Russia" in Moscow, October 2nd, 2012 on topic "AUTOMATION OF MICROBIOLOGICAL DIAGNOSTICS AS BASIS OF INCREASE OF EFFICIENCY OF DIAGNOSTIC TESTINGS".

Dr. J.-M. Senterre (Hospital Liege, Belgium) made a presentation in XVI Forum "National days for Laboratory Medicine of Russia" in Moscow, October 2nd, 2012 on topic "POSITIVE EXPERIENCE OF APPLICATION OF WASP IN MICROBIOLOGICAL LABORATORY OF VERSATILE HOSPITAL".

Dr. Karola Waar (Center of infectious diseases Izor, Liuarden, Holland) was a speaker in Workshop presentation in XVI Forum "National days for Laboratory Medicine of Russia" in Moscow, October 2nd, 2012 on topic THE MALDI-TOF TECHNOLOGY IN MEDICAL MIKROBIOLGICHESKAYA TDIAGNOSTIKA – AS WELL AS WHY WE HAVE TO USE IT? Dr. Harri Laitinen (Finland, Labquality) made a presentation in XVI Forum "National days for Laboratory Medicine of Russia" in Moscow, October 2nd, 2012 on topic "EQA in improvement of laboratory performance"

Dr. Harri Laitinen (Finland, Labquality) made a presentation on The III International scientific on-line conference "Actual Problems of Biochemistry and Bionanotechnology", session "Innovation in Laboratory Quality Management" October 10, 2012, St.-Petersburg, topic "New Horizons of Quality in Lab Medicine"

Professor Lina Khorovskaya (St.-Petersburg, Russia) made 4 presentations at conference "Actual Issues and Rules of Monitoring Procedure of Quality in Clinical Laboratory Investigations", Republic Kazakhstan, city Astana, city Almaty, Sept 11-13 2012. Topics: 1. Quality Management and standardization in Laboratory Medicine; 2. Quality of preanalytical stage of laboratory investigations; 3. Analytical Quality of Laboratory Investigations; 4. Verification procedure of laboratory equipment; 5. External Quality Assessment – interlaboratory comparisons.

City Kaliningrad, Regional Hospital, Oct 4-5, 2012. Conference with international participation "Oncology questions". Regional Dept organized the conference, Chair Dr.T.V.Tuktyaeva

City Kaliningrad, Regional Hospital, Oct 10, 2012. Conference with international participation "Coagulations and Coagulopathy". Regional Dept organized the conference. Chair Dr.T.V.Tuktyaeva.

ADDITIONAL INFORMATION

The III International scientific on-line conference "Actual Problems of Biochemistry and Bionanotechnology" conference, session "Innovation in Laboratory Quality Management", October 10, 2012, St.-Petersburg.

SERBIA



SOCIETY OF MEDICAL BIOCHEMISTS OF SERBIA (DMBS)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
XVIII Congress of Medical Biochemistry and Laboratory Medicine	Belgrade, September 18-22, 2012	Nitric oxide and L-arginine metabolism intermediates-biological and clinical significance Symposium in Clinical Immunology New Biochemical Markers Clinical importance of free radicals in circulation Thyroid disease diagnostics Organisation of laboratory medicine service
Fifteenth Annual Ivan Berkeš Conference	Belgrade, December 4, 2012	Enzymes: Small machine in our life: Conference also covered the following topics: The use of biomarkers in diagnosing and monitoring the therapeutic response in Gauchers disease; The importance of determining cystatin C for assessment of glomerular filtration disturbance; Prognostic significance of biomarkers in patients with ST-segment elevation myocardial infarction; Clinical-biochemical correlation of oxidative stress parameters in hemodialysis patients treated with erythropoietin; Diagnostic significance of matrix metalloproteinase 9 as early marker of acute myocardial infarction, and promotion of the "Clinical Enzymology" book (author N. Majkić-Singh)

EDUCATION

Society of Medical Biochemists of Serbia in 2012 organised four CME educational seminars for the members on the following topics:

1. Quality Indicators: pre-preanalytical and pre-analytical phases of laboratory diagnostic investigation
2. Urine analysis – practical and clinical significance
3. Laboratory Management
4. Novelities in Laboratory Medicine

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
8th EFLM Symposium for Balkan Region	September 18-22. 2012, Belgrade, Serbia	Society of Medical Biochemists of Serbia was organiser of the 8th Symposium with topic Vitamin D Deficiency: A new challenge for laboratory medicine. Symposium included following lectures: Vitamin D: A D-Lightfull Solution for Good Health (M. Holick), Biochemistry and metabolism of vitamin D (Jovičić, Majkić-Singh), Vitamin D relevance (M. Vogeser), The role of vitamin D in osteoporosis (V. Popović), Vitamin D in renal and cardiovascular disease (D. Pavlović), Vitamin D in elderly population (R. Fournier), Contribution of diet to vitamin D status (M. Nikolić), Vitamin D measurement (P. Roth), Analytical methods for vitamin D (N. Babić; M. Serteser) and experiences from Balkan Region (S. Jovičić, A. Kapetenaki, M. Cojocar, A. Dincel)
20th Meeting of Balkan Clinical Laboratory Federation	September 18-22. 2012, Belgrade, Serbia	Topics for BCLF Meeting were: Preanalytics – the right way for improvement patient safety (M. Plebani, V. Palička, A.M. Šimundić, S. Kitchen, Z. Šumarac, M. Serteser, S. Berbekar); Education and training of specialists in laboratory medicine (I. Watson, V. Blaton, E. Topić) New Biochemical Markers (S. Stanković, E. Čolak, N. Majkić-Singh, R. Dumache, N. Ulusu, D. Rizos, r. Obrenović, A. Dincel, A. Daka) Tumour markers and molecular diagnosis of cancer (C. Kroupis, c. Grigore, A. Buló) Standardization in Laboratory medicine (M. Serdar, B. Gouget, M. Ilić, S. Kitchen, M. Shishenkov). During BCLF Meeting three workshops were organised, 200 posters exhibit, and 4 plenary lectures

REGIONAL RELATIONS

Cooperation with all Societies from Balkan region, members of Balkan Clinical Laboratory Federation (BCLF)

INTERNATIONAL RELATIONS

Cooperation with other Societies members of IFCC and EFLM
Participation in EFLM activities
Participations in Meetings organised by IFCC and EFLM

ADDITIONAL INFORMATION

The Society of Medical Biochemists of Serbia published JOURNAL OF MEDICAL BIOCHEMISTRY, the Official Journal of the Society, in which many scientists from region published own papers (www.dmbj.org.rs/jmb); www.versita.com/science/medicine/jmb

SLOVAK REPUBLIC

SLOVAK SOCIETY OF CLINICAL BIOCHEMISTRY



NATIONAL MEETINGS

Name of the meeting	Date	Topic
X. Congress of the Slovak Society of Clinical Biochemistry with international participation	Banská Bystrica May 27- 29, 2012	<ul style="list-style-type: none"> • The transplant program - laboratory testing requirements • Laboratory markers in diseases of CNS • Laboratory diagnostics of stress • Laboratory testing in endocrinology • Laboratory testing in reproductive and prenatal diagnostics • Laboratory testing in nephrology • Varia

EDUCATION

Slovak Medical School provides an accredited post gradual study in Clinical biochemistry and Laboratory medicine for physicians and scientists. Duration of the study is 5 years, physicians, pharmacists and laboratory scientists. University graduation in chemistry or biology is a prerequisite for laboratory scientist. Topic disciplines in post gradual study process: clinical laboratory, molecular medicine, clinical chemistry, medical microscopy in urine analysis, cytogenetics, HLA, haematology, coagulation, microbiology, immunopathology, transfusiology and blood bank.

In concordance with harmonized curricula of post gradual study of clinical chemistry and laboratory medicine **Institute of Chemistry, Clinical Biochemistry and Laboratory Medicine** (Slovak Medical School) provides post gradual education in clinical biochemistry and laboratory medicine for physicians, pharmacists and scientists. Every year a round of courses in laboratory medicine is organised at the Slovak Medical School in Bratislava. The duration of a course is 2-5 days. Courses are dealing with following topics: Clinical Laboratory, Molecular Pathology, Clinical Chemistry, Medical Microscopy, HLA, Cytogenetics, Haematology, Coagulation, Microbiology, Immunopathology, Blood Bank and Transfusion Medicine.

Slovak Medical School has extended it's services also to pregradual education in general medicine, which was the contribution to harmonisation with the legislative frame with EU.

INTERNATIONAL RELATIONS

Slovak Society of Clinical Biochemistry (SSCB), as one of the first professional medical organisations in Slovakia, included new and progressive trend of Predictive, Preventive and Personalised Medicine (PPPM) into the topics of regular conferences on laboratory diagnostics and quality, thus opening forum for discussions and for bringing shared visions into the daily routine of clinical laboratories. SSCB helps Dr. Marko Kapalla, an active member of SSCB and member of the board of directors of the European Association for Predictive, Preventive and Personalized Medicine (EPMA) to promote PPPM among clinical laboratory professionals in Slovakia. These activities have been appreciated by EPMA's top representatives [1]. Implementation of PPPM at different levels has been repeatedly presented as an attribute of increased quality in healthcare. Recently SSCB has been explicitly mentioned in the latest book "Healthcare Overview" by Springer [2].

[1] Kapalla, M., IFCC eNewsLetter, 2012; <http://www.ifcc.org/ifcc-communications-publications-division-%28cpd%29/ifcc-publications/enewsletter/enewsletter-2012-jan-feb-2011/news-from-regional-federations-and-national-associations/>

[2] Kapalla, M. Kapallová, D., Turecký, L.: Healthcare Overview in the Slovak Republic and Implementation of Predictive, Preventive and Personalized Medicine, in: Healthcare Overview, Costigliola V. (Ed.), Springer, 2012, pp. 69-93, DOI: 10.1007/978-94-007-4602-2_5; ISBN: 978-94-007-4601-5 http://link.springer.com/chapter/10.1007/978-94-007-4602-2_5

ADDITIONAL INFORMATION

SSCB is an editor of journal *Laboratórna diagnostika* which keeps professionals with today's practices in clinical laboratory sciences. *Laboratórna diagnostika* presents original research papers, articles, reviews, abstracts and full papers of the Congress of Slovak Society of Clinical Biochemistry. Areas covered include clinical biochemistry in particular, molecular diagnostics, evaluation of modern diagnostic markers, new instruments and reagents, reference values, laboratory information systems, accreditation and quality in medical laboratories. *Laboratórna diagnostika* is dealing with postgraduate education issues, as well.

Professor Oliver Racz from the Pavol Jozef Šafárik University in Košice, Slovakia, member of the SSCB Board, serves as a member of the Editorial Board of the *eJIFCC - The Journal of the International Federation of Clinical Chemistry and Laboratory Medicine*.

Associated professor Pavel Blazicek from *alphamedical* is acknowledged for reviewing the articles in *Clinical Chemistry and Laboratory Medicine (CCLM)*. Reviewer certificate for his work as reviewer for CCLM was awarded.

SLOVENIA



SLOVENIAN ASSOCIATION FOR CLINICAL CHEMISTRY

NATIONAL MEETINGS

Name of the meeting	Date	Topic
4th Congress of Clinical Chemistry with International participation	September 28th – 29th, 2012	1. Laboratory Diagnostics of Anemias 2. Vitamin D 3. Estimated values in Laboratory Diagnostics
4th Congress of Laboratory Medicine Technicians	September 28th – 29th, 2012	1. Quality in medical laboratories - experiences and solutions in implementation of quality systems. 2. Urine - from its formation up to quality urinalysis. 3. Leukocytes in Laboratory Diagnostics.
20th Symposium of Slovenian Association for Clinical Chemistry and Croatian Society of Medical Biochemists	September 28th – 29th, 2012	Prenatal Laboratory Diagnostics.
Symposium Slovenian Association for Clinical Chemistry	March 13th, 2012	Laboratory diagnostics in cancer patients
Symposium Slovenian Association for Clinical Chemistry	April 26th, 2012	Recommended methods for the microscopic examination of blood smears
Symposium Slovenian Association for Clinical Chemistry	May 31st, 2012	Body fluids
Symposium Slovenian Association for Clinical Chemistry	November 29th, 2012	Current topics in the field of haemostasis

EDUCATION

May-Jun 2012; Organization of Educational Courses for Medical Laboratory Technicians (5 different topics)

REGIONAL MEETINGS

4th Congress of Clinical Chemistry with International participation	September 28th – 29th, 2012	1. Laboratory Diagnostics of Anemias 2. Vitamin D 3. Estimated values in Laboratory Diagnostics
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4th Congress of Laboratory Medicine Technicians	September 28th – 29th, 2012	1. Quality in medical laboratories - experiences and solutions in implementation of quality systems. 2. Urine - from its formation up to quality urinalysis. 3. Leukocytes in Laboratory Diagnostics.
20th Symposium of Slovenian Association for Clinical Chemistry and Croatian Society of Medical Biochemists	September 28th – 29th, 2012	Prenatal Laboratory Diagnostics.
REGIONAL RELATIONS		
Cooperation of Slovenian Association for Clinical Chemistry (SZKK) and Croatian Society of Medical Biochemists (HDMB)		
INTERNATIONAL RELATIONS		
Full member of IFCC, EFLM		

SPAIN



SOCIEDAD ESPAÑOLA DE BIOQUÍMICA CLÍNICA Y PATOLOGÍA MOLECULAR (SEQC)

NATIONAL MEETINGS		
Name of the meeting	Date	Topic
Web Seminar	January, 18th, 2012	Pharmacogenetics
Course, Madrid	February 21st, 2012	Genetics of muscular dystrophy
Meeting, Barcelona	March, 23rd, 2012	Residents meeting
Web seminar	March 28th, 2012	Acid-base study
Course, Madrid	March 30th, 2012	Patient security
Course, Lisboa	April 12nd, 2012	Preanalytical management: state of art
Course, Madrid	April 26th, 2012	Preanalytical management: state of art
X Meeting of Scientific Committee, Tarragona	May 7-8th, 2012	<ul style="list-style-type: none"> - Interferences in urine abuse drugs analysis - Micronutrient status in the study of malnutrition - Ovarian function and fertility - Trends in monoclonal gammopathy - Process indicators in clinical laboratory - Trends in kidney function evaluation - Pharmacogenetics
Course, Barcelona	May 30th, 2012	Clinical parameters in POCT
Course, Zaragoza	June 8-9th, 2012	English
Course, Madrid	September 27th, 2012	Clinical parameters in POCT
Course, Sevilla	November 22nd, 2012	Clinical parameters in POCT
XXXI National Meeting, Barcelona	October 23-25th, 2012	VI National meeting of Clinical Laboratory
EDUCATION		
- Annual Education Programme (900 participants): 9 Lessons and 9 Clinical cases		
REGIONAL RELATIONS		
SEQC has collaborations with all the regional associations of Clinical Chemistry		
INTERNATIONAL RELATIONS		
Relation with AACC through Trainee council Relation with AACC and the rest of societies through the Lab test on line Relation with IFCC and EFLM through SEQC's people working in Committees and working groups.		
ADDITIONAL INFORMATION		
Evaluation programmes of external preanalytical quality. Evaluation programmes of external quality of biochemistry tests: stat lab, hormones, proteins, blood gases, cardiac markers, tumour markers, autoimmunity in urine and serum specimens.		

SWEDEN



THE SWEDISH SOCIETY FOR CLINICAL CHEMISTRY

NATIONAL MEETINGS

Name of the meeting	Date	Topic
The Spring Meeting in Clinical Chemistry, three days, 400 participants, Linköping 2012	May 2012	Clinical Chemistry topics

EDUCATION

Several courses for Specialists in training. Courses for Chemists and Technicians.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
The Nordic Congress in Clinical Chemistry, four days, 500 participants, Reykjavik	June 2012	Part of the scientific planning. Several presentations and posters.

REGIONAL RELATIONS

Since far back we have the Nordic Society for Clinical Chemistry (www.nfkk.org). We have two important activities. It is the Nordic Congress in Clinical Chemistry and the periodical "Clinical Biochemistry in the Nordic Countries". The next Nordic Congress will be held in Gothenburg in Sweden 1 June 2014.

INTERNATIONAL RELATIONS

We are active in both EFLM and IFCC. For example we have Kjell Grankvist in the Preanalytical Phase Working Group (WG-PA) by EFLM, Anders Helander and Jan-Olof Jeppsson in the WG-CDT in IFCC, Kaj Blenow, Anders Larsson, Henrik Zetterberg in the WG-CSF in IFCC.

SWITZERLAND



SWISS SOCIETY FOR CLINICAL CHEMISTRY (SSCC)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
Swiss MedLab 2012	12. – 14. June 2012	Politics and laboratory medicine, trends in science and research, quality management.
Diagnostik Auf Molekularem Niveau	8. – 9. March 2012	Pharmacogenetics, lactose intolerance, next-generation sequencing in diagnostics, patents on genes, oligonucleotide therapy, somatic mutations in cancer therapy.

SYRIAN ARAB REPUBLIC



SYRIAN CLINICAL LABORATORY ASSOCIATION (SCLA)

EDUCATION

We obliged to stop our Continuous Education Program in the meantime.

TURKEY

TURKISH BIOCHEMICAL SOCIETY



NATIONAL MEETINGS

Name of the meeting	Date	Topic
XXIV. National Congress of Biochemistry	25 - 28 September	Traceability-Standardisation-Harmonisation in Laboratory Medicine; MicroRNAs and Clinical Importance; MicroRNAs in Disease of Central Nervous System; The Current Status of IFCC Global Study on Reference Values and Its Perspective; Reference Ranges: Are They Guide for Relationships between Analytes?; Multicenter Study of Reference Ranges in Turkey; Studies of Department of Laboratory Services of Ministry of Health; Contribution of Clinical Labs to Interpretation and Clinical Decision; How can be Evaluated Efficiency of a Laboratory? Lean Lab Management; Risk Management in Clinical Labs; Effects of Biological Variation Database on Laboratory Results; Importance of Patient Genetics in Chronic Hepatitis B; Telomerase and Therapeutic Approaches based on Telomerase; Copy Number Variations in Genomic DNA and Clinical Importance; Molecular Mechanisms of Abscission in Dividing Cells; Unavoidable Rise of Biocriminology; Intracellular Traffic of Folate Mediated One Carbons and Neurochemical Mechanisms; Central Role of Methylenetetrahydrofolate Reductase in One Carbon Transport; Relationship Between Intracellular Folate Subgroups and Amino Acid Metabolism in Psychosis; Effect of Cobalamine Metabolism on Folate Mediated One Carbon Traffic; Food, Vitamin and Trace Elements Support; Herbal Food Supports: Less Good, Much Not; How Much Antioxidant The Flavonoids?; Pros and Cons of Vitamin D Support; Glycosaminoglycan Support; Trace Element Support and Analytical Techniques; Measurement Methods of Antioxidant Activity/Capacity: CUPRAC Method; Osteoporosis: Clinical and Laboratory Approach; Endoplasmic Reticulum Stress and Metabolic Homeostasis; Multidisciplinary Approach to Biochemistry Laboratory Education; Accreditation, Service Quality Standards and ISO 15189 in Medical Labs; Quality Assurance in Molecular Testing; Scientific Publication Process; Education and Training of Laboratory Specialists; How can Clinical Biochemists be More Productive?; EC4 - 2012: What is New?; Actual View on Cholesterol Problem by A Clinician; Nanotechnology, Medicine and Laboratory; The Role of Adipokines in Non-Alcoholic Fatty Liver; Autophagy in Lysosomal Storage Diseases; Cyclic Nucleotide Phosphodiesterases in Health and Disease; What is New in Gene Cloning and Determination of Gene Expression Level?; A Case Presentation and Discussion about APTT.

EDUCATION

- Course on Analytical Quality Management, 26-27 January, 2012.
- Course on Calculation of Reference Ranges, 28 January, 2012.
- Course on The Role of Statistics in Scientific Activities: Methods Required and Application Areas; 26-27 March, 2012.
- FEBS Workshop on Biochemistry and Molecular Biology Education, 29-30 March, 2012.
- Systematics of Evidence Based Medicine and Laboratory Medicine Practice, 26-28 April, 2012.
- Symposium of Multidisciplinary Approach to Biochemistry Laboratory Education, 3-4 May, 2012.
- Course on Laboratory Calculations based on Quality Standards, 11-12 May, 2012.
- Course on Laboratory Calculations and Quality Standards, 25 September, 2012.
- Course on Mass Spectrometry and Clinical Applications, 29 September, 2012.
- IUBMB Workshop on Molecular Life Sciences Education, 5-6 November, 2012.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
Quality Management in Clinical Laboratories	February 7	Organised and Managed by TBS
What's New in Prenatal Screening?	February 22	Organised and Managed by TBS
Approach to Risk Analysis and Screening Tests in Clinical Laboratory	February 22	Organised and Managed by TBS
PhD Education - Where are We Heading?	March 13	Organised and Managed by TBS
The Worldwide Multicenter Studies for Derivation of Reference Intervals	May 8	Organised and Managed by TBS
Vitamin D with Newly Discovered Directions	May 16	Organised and Managed by TBS
Vitamin D: Accuracy, Analytical Problems, Reference Ranges	May 16	Organised and Managed by TBS
Vitamin D?	May 16	Organised and Managed by TBS

REGIONAL RELATIONS

Activities in decision making processes of Turkish Ministry of Health and other governmental issues

- Studies on Regulation of Clinical Laboratories, throughout 2012 year.
- Participation to studies of Scientific Advisory Committee of Clinical Laboratories, especially pricing of laboratory procedures, test and laboratory categorisation, throughout 2012.
- Participation to External Quality Assessment Program in Turkey organised by Ministry of Health, throughout 2012 year.
- Vision of TBS on Service Quality Standards prepared by Ministry of Health.
- Contribution to Legislation of Clinical Laboratories, throughout 2012 year.
- Contribution to Study of Laboratory Statistics of Turkey, throughout 2012 year.
- Contribution to e-Lab Project of Ministry of Health, January 12 and February 20, 2012.
- Contribution to technician productivity studies of Ministry of Health, September 19, 2012.
- Contribution to laboratory test categorisation studies of Ministry of Health, throughout 2012 year.
- Contribution to Newborn Screening Program in Turkey, October 10, 2012.
- Contribution to Clinical Laboratory Audit in Turkey by Ministry of Health, throughout 2012 year.
- Contribution to Standardisation of HbA1c and Glucose Meters, December 10-12, 2012.

Relationships with Turkish Chamber of Physicians

- Participation to Milk and Health Workshop, January 17, 2012.
- Participation to a meeting on Specialisation in Basic Medical Sciences, February 20, 2012
- Participation to Special Standards and Competency in Education and Training of Medical Specialists, April 7, 2012.
- Preparation of Education and Training Standards in OECD Countries, March 28, 2012.
- Participation to Congress of Specialization Education in Medicine, November 2012.
- View on Minimum Prices of Turkish Chamber of Physicians, November 2012.

Activities in decision making processes of Social Security Organisation

- Participation to a meeting on heart type Fatty Acid Binding Protein, June 2012.

INTERNATIONAL RELATIONS

Participation to 20th Meeting of the Balkan Clinical Laboratory Federation with 4 Speakers	18 - 22 September	Challenges in Vitamin D Analysis; Does Vitamin D Really Affect Muscle Strength and Balance in Knee Osteoarthritis?; How Laboratory Accreditation Assures Patient Safety?; Laboratory Screening of Renal Transplant Patients; Variability of Bone Markers in Osteoporosis and Different Experiences in Balkan Countries; Two Faces of Glucose-6-Phosphate Dehydrogenase; Analytical Standardization and Harmonization
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FEBS Special Meeting	14 - 16 November	Protein Quality Control and Ubiquitin Systems in Health and Disease
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- Transmission of reports, documents, and publications of IFCC and EFLM to members of the society.
- Online Subscription to Clinical Chemistry and Laboratory Medicine for all members of society throughout 2012 year.

National representative of

- International Union of Biochemistry and Molecular Biology (IUBMB)
- Federation of European Biochemical Societies (FEBS)
- Balkan Clinical Laboratories Federation (BCLF)

TBS has members and corresponding members of Committees of International Organizations:

- IFCC Congress and Conference Division
- IFCC C-EBLM
- IFCC WG-HbA1c Standardization
- IFCC WG-POCT
- IFCC C-ECD
- IFCC Committee of Distance Learning
- IFCC C-RIDL
- IFCC WG Postanalytical EQA
- EFLM WG on Biological Variation
- FEBS Educational Committee

ADDITIONAL INFORMATION

Preparation to IFCC Worldlab 2014

Consideration of International Scientific Advisory Board Members of Worldlab 2014.

Organisation a Local Scientific Program Committee.

Selection and determination of plenary lecturers, symposia, satellite meetings and courses, throughout 2012 year.

Invitation of federations of clinical chemistry and laboratory medicine to participation in the congress with a symposium.

Invitation of industrial companies to participation in the congress.

UKRAINA



UKRAINIAN SOCIETY OF CLINICAL LABORATORY DIAGNOSTICS (USCLD)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
General Meeting	07 -08 November 2012	Prospects of Metal Nanoparticles Application in Clinical Practise
Modern Laboratory Methods for Diagnostics of Internal and Infectious Diseases		Contemporary Technologies for Express Diagnostics of Critical States Peptide Contamination of Cell Membrane. Its Pathological Consequences and Diagnostic Meaning Elastase in Diagnostics of Exocrine Deficiency of Pancreas Conclusive Laboratory Diagnostics of Connective Tissue State Integral Estimation of Oxidant-Antioxidant Balance for Its Following Correction Development of Cytodiagnosics in Ukraine Conception of Uncertainty in Laboratory Medicine Achievements and Problems of Contemporary Immunology Elections of President and Board Members of USCLD

NATIONAL MEETINGS

Post Graduate Lectures for Specialists:

Tumour- and Cardio- markers in Clinical Practise
Specific Immunodiagnosics of Tuberculosis. Past, Today and Future.
New Respiratory Viruses and Methods of Their Diagnostics
Particularities of Inborn and Acquired Immunodeficiency under different IHD Manifestations
Forming Principles of Modern Clinical Diagnostic Laboratory of Medical Centre

REGIONAL MEETINGS

Name of the meeting	Date	Topic
Four meetings of Donetsk Branch	03, 06, 07, 10 of 2013	Keynot Speakers
Diagnostic Markers of Cardiovascular Pathology LIS in Clinical Chemistry and Laboratory Medicine QC		
Four meetings of Kirovograd Branch	02, 06, 07, 10 of 2012	Keynot Speakers
Preanalytical Investigation of Hemostasis Indices New Markers of Purulently-Septic States		
Three meetings of Volyn Branch	01, 09, 11 of 2012	Keynot Speakers
QC on Preanalytical Stage Diagnostics of Thyroid Gland Disorders		

REGIONAL RELATIONS

Co-operation with
Ministry of Health of Ukraine
Research Institutes of National Academy of Sciences
Research Institutes of Academy of Medical Sciences of Ukraine
Hospitals and Diagnostic Centres

INTERNATIONAL RELATIONS

Co-operation with scientists engaged in Clinical Chemistry and Laboratory Medicine from Belorussia and Russia

ADDITIONAL INFORMATION

20 Regional branches of USCLD had their meetings as well

UNITED KINGDOM



ASSOCIATION FOR CLINICAL BIOCHEMISTRY (ACB)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
Frontiers in Laboratory Medicine, Birmingham	31st January to 1st February 2012	Leading edge innovations in the delivery of laboratory medicine services (In collaboration with the Dark Report)
Focus 2012, Liverpool	30th April to 3rd May 2012	Scientific and Clinical presentations on leading topics by international experts
Spotlight Meetings	Various	A series of one day meetings focussing on particular topics of current and emerging interest.

EDUCATION

The Association held the last of its one week six cycle Training Courses in April 2012 and started a new two day cycle of courses in November 2012. Training day at Focus meeting
The Association launched a new e-learning facility. This can be accessed through <http://www.acblearning.com/>

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
All nine regions hold scientific and clinical meetings 2-3 times per year on a wide variety of topics	various	Organised by the ACB, some meetings are joint with other societies

REGIONAL RELATIONS

While the ACB represents the UK, the country is divided into four administrations and the ACB is engaged with the devolved governments. There is also national collaboration with other laboratory organisations on a variety of political issues.

INTERNATIONAL RELATIONS

The ACB has engagement in a variety of positions. As an organisation we have formal relations with other Clinical Biochemistry Associations, particularly in the area of publication of our journal and discounted rates for our publications to them and theirs to us. We also have reciprocal arrangements for presenting prestigious lectures at our National Meetings.

URUGUAY



ASOCIACIÓN BIOQUÍMICA URUGUAYA (ABU)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
XV Annual Meeting of Quality.	22-23/6/2012	Organize CECC- ABU-SUPAC
Presentations of the papers presented at the ABU scholarships in 2012.	31/7/2012	1 Q.F. María Machado "Pilot program for neonatal screening for cystic fibrosis, New IRT-PAP algorithm 2 QF.Fernando Antúnez "Primary Biliary Cirrhosis: early detection using Antinuclear-Cytoplasmic Antibodies read on HEp-2 cells instead of Antinuclear Antibodies"
General Assembly to appoint the new Board of Directors of ABU	17/7/2012	President: Bc Cecilia Queijo Vice- President: Bc Estela Bidegain Secretary: Qf Fernando Antunez Pro- Secretary: Dra Qf Patricia Esperon Treasurer: Bc Paola Audicio Pro-Treasurer: Dra Qf Cristina Servetto Secretary: Dra Qf Graciela Queiruga Members: Dra Qf Carmen Musetti Dra Qf Stella Raymondo Qf Laura Yametti 2012-2014

EDUCATION

1. Neonatal screening in Uruguay . Master of Nutrition course. Catholic University . BC Cecilia Queijo April 2012. Montevideo. Uruguay
2. Wiener Foundation Course "Update in Oncology Laboratory" Speakers: Drs. Angel and Gabriel D'Annunzio. Budget is asked to do the Ambassador Hotel on 6 and 7 July of the current
3. "Management and Human Resources". Lecturer. Alvaro Notaroberto. Organized ABU, August 2012
4. " Reading and interpretation of patterns of anti-on-core-cytoplasmic HEp-2 cells and its clinical correlation" November 22 - 24 November 2012 , Room Sagra. Hospital Maciel.Maciel Hospital Organize ABU_UDELAR, Montevideo, Uruguay
5. "Neonatal screening, application of HPLC-MS/MS" into the course" Mass spectrometry (MS) in proteomics. Unu-BIOLAC" Lecturer BC Cecilia Queijo. November 2012. Montevideo, Uruguay.

REGIONAL MEETINGS

Name of the meeting	Date	Topic
AACC Course: "Adding value to patient care using Quality control Lima, Peru	April 2012	Planning EQAs Prof. Stella Raymondo
AACC Course: "Adding value to patient care using Quality control Asuncion, Paraguay	June 2012	Planning EQAs Prof. Stella Raymondo
AACC Course: "Adding value to patient care using Quality control Santo Domingo. Domionican Republic	6-7/9/2012	Planning EQAs Prof. Stella Raymondo
Regional Meeting of neonatal screening and inborn errors of metabolism Auditorium of the Tower of Communications LPN, BPS	12/8/2012	Prof. Dr. Graciela Queiruga BC Cecilia Queijo
XV Latin American Congress of Genetics Rosario Argentina	28-31/10/2012	Pharmacogenetics Symposium. "Individualization of the dose of warfarin, an approach to translational medicine". Prof. BC Patricia Esperon
CALILAB 2012. Buenos Aires- Argentina	9/11/2012	Participation of BC Paola Audicio in the COLABIOCLI Workshop " Reform of Statutes"
Importance of HbA1c as a diagnostic tool in diabetes III International Congress. Lima, Peru	23-26/10/2012	Prof. Dra. Stella Raymondo
Error versus Quality: the eternal struggle within the clinical laboratory. III International Congress. Lima, Peru	23-26/10/2012	Prof. Dra. Stella Raymondo
First Conference on Latin American Faculty of Biochemical training or equivalent qualifications.	30/11/2012	Participation of Prof. Dr.. Graciela Borthagaray representing ABU Organized by COLABIOCLI Villa Carlos Paz, Argentina

REGIONAL RELATIONS

1. COLABIOCLI meeting
2. Wiener Foundation

INTERNATIONAL RELATIONS

- 1 "Primary biliary cirrhosis: early detection using antinuclear cytoplasmic antibodies read on hep-2 instead of antinuclear antibodies" Prof. Fernando Antunez. 8th International Congress on Autoimmunity. May 2012. Granada, Spain
- 2 .35th European Cystic Fibrosis Conference.BC Maria Machado got a scholarship from ABU to attend it to present a poster that was awarded on Screening Neonatal. More details: <http://www.ecfs.eu/socnews/ecfs-2012-conference-dublin-awards>.June , June 2012. Dublin, Ireland
- 3 IV Brazilian Consensus for screening of autoantibodies Hep-2. Prof. Fernando Antunez. September 2012. Vitoria, Brazil.
- 4 IFCC Roche Travel Scholarship to attend the IFCC General Conference . Prof.BC Laura Yametti .November 2012. KUALA Lumpur. Malaysia
- 5 Education and Management Division Meeting during the IFCC General Conference. Prof. Dra. Stella Raymondo . November 2012. Kuala Lumpur, Malaysia.
- 6 Meeting of Committee on Traceability in Laboratory Medicine and Working Group of IFCC e-news.BC Ana Maria Piana got a scholarship from ABU (Uruguayan Association of Biochemistry) to attend both activities. November 2012. Kuala Lumpur, Malaysia.
- 7 "Study of pharmacogenetic relationships, pharmacokinetics and pharmacodynamics of immunosuppressive calcineurin inhibitors cyclosporine and tacrolimus in liver transplant

ADDITIONAL INFORMATION

2012- Renovation of the website of the Uruguayan Association of Biochemistry. <http://asociacionbioquimicauruguay.org/>

5/11/2012

Wage Board of Clinical Biochemist . Extraordinary Assembly. Topics: " Clinical Biochemist categorization, group 15 Health.

USA



AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY (AACC)

AACC 2012 MEETINGS, AUDIOCONFERENCES AND WEBINARS

La Eleccion del Control Estadistico Interno de la Calidad Correcto	Webinar		12/11/2012	12/11/2012
Role of Clinical Lab Testing in Diagnosis and Management of Thyroid Cancer	Webinar		12/11/2012	10/18/2011
Laboratory Automation: Smart Strategies, Successful Outcomes	CONF	Tampa, FL	12/06/2012	12/07/2012
The Role of CLIAC in the Regulatory Process	Webinar		12/05/2012	09/26/2012
Reimbursement and Regulatory Update 2013	Webinar		11/27/2012	10/01/2012
Molecular Testing for MRSA and C.diff.: Using New Tools to Identify and Reduce HAIs	Webinar		11/15/2012	05/23/2012
Effective Laboratory Testing for Thyroid Health During Pregnancy	Webinar		11/13/2012	10/18/2011
Developing a Quality Control Plan Based on Risk Management	Webinar		11/07/2012	03/09/2012
Best Practices in Clinical hCG Testing: An Update	Webinar		10/31/2012	02/28/2012
The Impact of Comparative Effectiveness Research on Laboratory Medicine	Webinar		10/17/2012	11/17/2011
Update PID 6910 Improving the Efficiency of Critical Value Reporting: The Clinician/Lab Partnership	Webinar		10/16/2012	03/29/2012
Perspectives in Thyroid Testing: Pros and Cons of Immunoassay and Mass Spectrometry	Webinar		10/09/2012	10/18/2011
Awards Dinner--CPOCT 24th International Symposium	CONF	Prague, Czech Republic	10/05/2012	10/05/2012
Promoting a Culture of Quality and Consistency in Critical and Point-of-Care Testing	CONF	Prague, Czech Republic	10/04/2012	10/06/2012
Leveraging Automation to Reduce Errors in the Analytical Phase of Testing	Webinar		09/25/2012	09/11/2012
UPdate PID 6909 Managing the Challenges of Biological Variation	Webinar		09/19/2012	03/15/2012
NIH Tips For Improving Your Research Proposal	Webinar		09/12/2012	06/07/2012
Biomarkers for Acute Kidney Injury: Now and then Future	Webinar		09/11/2012	10/13/2011
Mass Spectrometry in the Clinical Lab: Best Practices and Current Applications	CONF	Chicago, IL	09/06/2012	09/07/2012
The Lab's Changing Role in Measuring Anticoagulants	Webinar		09/05/2012	06/26/2012
Please Update PID 6908 HPV Testing Update: Understanding New Guidelines, Assessing New Technology	Webinar		08/28/2012	04/19/2012
Biomarkers for CKD: Urine Albumin and Multi-markers	Webinar		08/14/2012	10/13/2011
Genetic Testing Reimbursement and Regulation...What You Need to Know	Webinar		08/01/2012	04/23/2012
Ten Annoying Pre- and Post-analytical Problems and How to Eliminate Them	Webinar		07/24/2012	07/09/2012
AACC Rocky Mountain Section Meeting	Non-AACC	Los Angeles, CA	07/18/2012	07/18/2012
AACC Rocky Mountain Section Meeting	LS	Los Angeles, CA	07/18/2012	07/18/2012
AACC Annual Meeting	CONF	Los Angeles, CA	07/15/2012	07/19/2012
Biomarkers for CKD: Glomerular Filtration and Progression of Kidney Disease	Webinar		07/10/2012	10/13/2011
CLIA Update 2012	Webinar		06/27/2012	03/06/2012
New Recommendations for Diagnosis of Hyperglycemia in Pregnancy	Webinar		06/12/2012	10/12/2011
Managing Your POCT Results: New Approaches in Connectivity	Webinar		05/24/2012	03/09/2012
Reforming the 510(k) Process: What's on the Horizon	Webinar		05/23/2012	03/01/2012
Glucose Meter Accuracy and Glycemic Control: How Good is Good Enough?	Webinar		05/08/2012	10/12/2011
Molecular Pathology: Principles in Clinical Practice	CONF	Chicago, Illinois	05/07/2012	05/08/2012
Biomarkers: Past, Present, and Future	CONF	Danbury, CT	04/27/2012	04/27/2012
The FDA and the Advancement of Personalized Medicine	Webinar		04/25/2012	03/01/2012
44th Oak Ridge Conference	CONF	San Jose, Calif	04/19/2012	04/20/2012
Creating a Blame-Free Environment in the Lab	E-Learn		04/17/2012	
The Pros and Cons of Using HbA1c for Diabetes Diagnosis	Webinar		04/10/2012	10/12/2011

Delta Checks in Action	Webinar	03/21/2012	01/10/2012
The Role of Biomarkers of Inflammation in Cardiovascular Disease	E-Learn	03/13/2012	
Biomarkers of Heart Failure: Current Status and Future Promise	Webinar	02/14/2012	09/29/2011
Body Fluid Testing in the Clinical Laboratory	Webinar	02/08/2012	10/27/2011
An Update on Clinical Applications for Vitamin D Assays	Webinar	01/26/2012	11/08/2011
Analytical and Contemporary Issues Regarding Contemporary and High Sensitivity TNI Assays	Webinar	01/10/2012	09/29/2011

VIETNAM



VIETNAMESE ASSOCIATION OF CLINICAL BIOCHEMISTS

NATIONAL MEETINGS

Name of the meeting	Date	Topic
Scientific Meeting of the Society of Clinical Biochemistry of Hanoi and Northern Provinces	24-25 August 2012	Clinical Chemistry, Immunology, Molecular Markers, Proteomics
Scientific Meeting of the Society of Clinical Biochemistry of HoChiMinh-City and Southern Provinces	17 November 2012	Clinical Chemistry, Molecular Biology, Immunology, Diabetes, Nutrition
Scientific Meeting of the Proteomics Branch of the VACB	23 March 2012	Proteomics in the discovery of cancer biomarkers

EDUCATION

1. Postgraduate Training of Clinical Biochemistry at the Pham Ngoc Thach University of Medicine, HoChiMinh-City, 4- 7 December 2012, Professor: Geoffrey Kellerman (Australia)
2. Postgraduate Training of Clinical Biochemistry at the Viet Tiep Hospital, Hai Phong, 10 -11 December 2012. Professor: Geoffrey Kellerman (Australia)
3. Postgraduate Training of Clinical Biochemistry at the Bach Mai Hospital, Hanoi, 12-14 December 2012. Professor: Geoffrey Kellerman (Australia)

REGIONAL MEETINGS

1. Relation with the Australasian Association of Clinical Biochemists (AACB)
2. Relation with the AOHUPO
3. Relation with IFCC
4. Relation with APFCB

ADDITIONAL INFORMATION

The National Committee of the VACB is preparing an active program for the Golden Jubilee of the 50th Anniversary of the Foundation of the VACB (1963 – 2013) which will be held in Hanoi in the third trimester of 2012 with international participation

ZIMBABWE



ZIMBABWE ASSOCIATION OF CLINICAL BIOCHEMISTS (ZACB)

NATIONAL MEETINGS

Name of the meeting	Date	Topic
IFCC, ZACB	25-26 March 2013	Laboratory Quality Management Course
Molecular diagnosis	25-26 September 2013	Level II Course
Annual General Meeting	27th November 2013	

EDUCATION

1. Health professions authority practice harmonisation 15th february 2013
2. Laboratory quality management course 25-26 march 2013
3. Molecular diagnosis level ii course 25-26 september 2013
4. Annual medical research day in zimbabwe 26 october 2013.

EDUCATION

1. Health professions authority practice harmonisation 15th february 2013
2. Laboratory quality management course 25-26 march 2013
3. Molecular diagnosis level ii course 25-26 september 2013
4. Annual medical research day in zimbabwe 26 october 2013.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
AFCC Meeting In South Africa	June 2013	Research Presentations and Election of Office Bearers

REGIONAL RELATIONS

1. Botswana Association of Clinical Biochemists
2. Zambia Association of Clinical Biochemists
3. South Africa Association of Clinical Biochemists
4. Kenya Association o Clinical Chemists

INTERNATIONAL RELATIONS

1. IFCC
2. ARAB FEDERATION OF CLINICAL CHEMISTS
3. AFCC

ADDITIONAL INFORMATION

We are recruiting malawi, mozambique and namibia to become members of the ifcc and laboratory medicine.

AFFILIATE MEMBER SOCIETIES

ROMANIAN ASSOCIATION OF MEDICAL LABORATORY (RAML)



REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
7th RAML Conference (with international participation)	June 20-23, 2012	Clinical Laboratory
Medical value of Clinical and Laboratory Diagnostic Symposion	March 23-25, 2012	Adding value to laboratory medicine
Tuning Science into Carring	October 25, 2012	From bench to bedside

EDUCATION

For stimulating the interest of our younger colleagues who are to take over the further development of our labs and work skills two awards, for best poster presentation and for professional activity, are prepared each year to be granted to most meritorious young participants.

Also, RAML sponsored 13 clinical laboratory residents to participate to the National Hematology Conference, October 11-14, 2012

REGIONAL RELATIONS

Publication Division of RAML has collaborations with Croatian Review - Biochemia Medica.

INTERNATIONAL RELATIONS

Romanian Association of Medical Laboratories (RAML) is affiliated to IFCC and EFLM

As in previous years, IFCC and EFLM sent representatives in Conference ALMR – in 2012 Prof. Maurizio Ferrari, Prof Ian Young, and Simone Zerah participated in ALMR 2012 conference.

ADDITIONAL INFORMATION

The official Review of RAML – Romanian Review of Laboratory Medicine is indexed in ISI Web of Knowledge – Web of Science (Thomson Reuters Scientific), Index Copernicus, SCOPUS, EMCARE Databases

Starting 2012, RRML is COPE member

RAML sites – www.rrml.ro, www.raml-conference.ro, www.almr.ro

ASSOCIATION OF MEDICAL BIOCHEMISTS OF INDIA (AMBI)



NATIONAL MEETINGS

Name of the meeting	Date	Topic
Once a year National Conference, Bhubaneswar	6th – 10th December 2012	Workshops: Haemoglobinopathies, Molecular Biology Symposia: Cardiac, Renal, Vitamin D Posters by students, Junior faculty Prize award papers < 35 years Team Quiz < 35 years General Body Meeting of the association
Next conference in 2013	Dates to be decided	

EDUCATION

Post Graduate Education – conduct of workshops and hands on training – Regular features of all teaching institutions.

Under the auspices of the NTR, Health University (AP) all graduates in Clinical Biochemistry attend CMEs on various topics at frequent intervals. Senior and junior faculty participate in these educational programmes.

Training/CME/Symposia sponsored by companies/corporate such as BD, Beckman, Roche, Bio-rad, J & J (Ortho Clinical Diagnostics) are regular features all over the country at frequent intervals enabling clinical biochemists of that region to attend and faculty of the association are many a time involved in the programme. Number of invited speakers from various countries also participate in these sponsored programmes.

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
AMBICON (West Bengal Chapter)	December, 2012 Kolkata	Members of AMBI, Faculty of Medical Institutions in the states of West Bengal, Orissa and Andhra Pradesh
Symposia in Vitamin D (Roche)	November, 2012 Chennai and Mumbai	AMBI member Guest Speaker
CME Programme cum Workshop titled "PRATICAL APPROACH TO BIostatISTICS (MMC)	September, 2012 CME, Workshop Chennai	Members of AMBI, Faculty of Madras Medical College, Chennai
ISO 15189:2007 and Internal audit training/NABL 112 Indian Guidelines (CII & ESCI)	May, September 2012 (Chennai and Hyderabad)	AMBI Members in Faculty
Symposia on Vitamin D (J & J Orthoclinical diagnostics)	September, 2012 (Hyderabad)	AMBI Member, Panel discussion
NTR Health University, Post Graduate Training, CME Symposia (NRI Medical College)	April 2012 (Vijayawada)	AMBI Members in Faculty
International customary advisory panel (J & J Orthoclinical diagnostics)	February 2012 (Bangalore)	3 AMBI members on panel
CME Programme cum Hands on Training Workshop titled "GUIDELINES ON METHOD VALIDATION" (MMC)	February, 2012 (Chennai)	Members of AMBI, Faculty of Madras Medical College, Chennai
CME, Good Laboratory Practice (YRG CARE)	January, 2012 (Chennai)	3 AMBI members were on the Faculty

REGIONAL RELATIONS

Each state in the association has a representative and they report to the 4 zonal representatives or directly to the head office at Bengaluru (Bangalore), depending on the need. All issues are brought to the notice of the Honorary Secretary and President and tabled at Head Office, to review for discussion at urgency, or at a Zonal or Annual meet.

There is an interchange of faculty from different regions for workshops, symposia and other educational sessions which constantly occur all over the country enabling members of the specific region to update themselves.

Senior faculty are invited from different regions for academic deliberations.

INTERNATIONAL RELATIONS

Affiliate member at IFCC

Applying for membership APFCB and Laboratory Medicine

Since we are recent members our hope is to have more interaction and exchange programmes.

We hope to invite IFCC to our Annual conference 2013– working on it

ADDITIONAL INFORMATION

Medical colleges offering the specialization in Clinical Biochemistry (MD degree) have regular symposia, continuing Medical Education seminars etc.

Faculty of different colleges all over the country participate to teach the students.

The Association which has Clinical Biochemists (Specialization after the basic Medical Degree) has obtained permission for consideration from the highest authority of Medical education in the country for specialization in super speciality clinical areas like endocrinology for the award of the degree DM (The highest degree in clinical medicine in India). At present there are three AMBI members who are in the DM course in different medical institutes in the state of Andhra Pradesh for Clinical Endocrinology and one member has recently obtained the degree and is now a practicing Consultant Clinical Endocrinologist.

MEXICO

NATIONAL FEDERATION OF CLINICAL CHEMISTRYS CONAQUIC, A.C



NATIONAL MEETINGS		
Name of the meeting	Date	Topic
Fifteenth National Analysis Quality Assurance in Clinical Laboratory, EXPOQUIM 2012, in Los Mochis, Sinaloa	From 16 to 18 March 2012	<p>SYMPOSIUM</p> <ol style="list-style-type: none"> 1. Controls third opinion given by the QBP. Erick Mendoza Cardeño 2. External Quality Control, taught by Dr. In C. Eduardo Brambila Colombres 3. Standardization in the determination of creatinine, given by: M. in C. Ruis Roberto Arenas (Coordinator), Dr. In C. Love and Sierra Rose Dr. In C. Héctor Ramón Ramírez Martpinez. <p>LECTURES</p> <ol style="list-style-type: none"> 1. System Quality Management in Parasitology, 2. Global Policy Patient Safety considerations for the Clinical Laboratory <p>CONFERENCES</p> <ol style="list-style-type: none"> 1. Quality Control in viral tests. 2. Analytical Control 3. Process Control Laboratory 4. Importance of analytical traceability and medical relevance under the Clinical Laboratory Standards ISO 15189 and 17043, 5. Quality Control in Laboratory Hemostasis, 6. Validation and Verification, 7. Control in the preanalytical phase, 8. Preventive and corrective actions as part of the quality assurance program, 9. Quality Control in the study of human semen in the Clinical Laboratory 10. The preanalytical phase, its real importance and impact on health chain 11. Importance of Quality in the Interpretation of urinary sediment 12. Control of environmental conditions in the Clinical Laboratory
XXXVI Congress of Clinical Chemistry and Dr. Silvia Giono ExpoQuim Cerezo 2012, in Tijuana, Baja California	From 10 to 15 September 2012	<p>SYMPOSIUM</p> <ol style="list-style-type: none"> 1. Differential diagnosis of respiratory tract infections 2. Symposium on the Chemistry infectious. <p>LECTURES</p> <ol style="list-style-type: none"> 1. Application of nanotechnology to future medicine <p>CONFERENCES</p> <ol style="list-style-type: none"> 1. Autophagic morphology in urine sediment as a marker of cell death 2. Application Guides Laboratory for Antimicrobial Susceptibility 3. Diagnosis and treatment of patients with bacteremia 4. Diagnostic approach to anemia 5. Preparation and Application of Monoclonal Antibodies 6. New guidelines for reporting and interpretation of serological diagnosis of hepatitis C 7. Erythroblastosis: a perspective for the clinical laboratory 8. Hormone therapy and breast cancer risk 9. Advantages and benefits in the quantification of vitamin B₁₂ 10. Diseases that changed the course of history 11. Myths and realities of accreditation 12. Importance of obtaining blood gas shows 13. The body fluid analysis in the hematology instrument 14. Metabolic syndrome to diabetes mellitus . 15. In favor of the etiologic diagnosis of parasitic diseases 16. Myths and realities of parasitosis in Mexico 17. Multiplex molecular diagnostics Diagnostics Shifting the Paradigm and its application in the Real World 18. Research and development of vaccines against HIV-AIDS 19. Laboratory support in the emergency room 20. Pulmonary aspergillosis 21. Profile Stool and its interpretation 22. The relatedness of HIV Epidemics in the United States-Mexico border region. 23. Quantitation of drugs for the clinical interest 24. Laboratory tests innovative oncology 25. Biochemical markers of cardiorespiratory damage 26. The clinical chemistry in the implementation of guidelines and standards for microbiological control of white areas 27. What's new in something so old., Tuberculosis 28. Biomarkers of acute kidney injury. 29. Professional certification of clinical chemistry 30. Update on the management of hazardous wastes by biological-infectious 31. Diagnostic importance of neonatal screening

EDUCATION

NATIONAL

From 16 to 18 March 2012

COURSES ACADEMIC COMPETITION

1. Hematology in Blood Bank
2. Parasitology, taught
3. Endocrinology, taught by Chem
4. Quality Control in the interpretation of crystalluria and lithogenic risk,
5. Importance of Quality Control,
6. The importance of knowing the total error of the analytical methods taught
7. Internal Quality Control in Diagnostic Bacteriology
8. Quality Control of Drugs of Abuse Testing
9. Quality control in viral tests, conducted
10. Quality Control in Laboratory Hemostasis
11. Quality patient treatment
12. Accreditation Guide Clinical Bacteriology

From 10 to 13 September 2012

COURSES ACADEMIC COMPETITION

1. Immunodiagnostic and parasitological diagnosis of parasites emerging and reemerging
2. Comprehensive examination of feces (stool and parasitological)
3. The Andrology laboratory in the study of infertile couples
4. Markers nephropathy type II diabetes mellitus
5. Laboratory diagnosis of bacterial gastroenteritis
6. Hematologic stains
7. Interpretation of the histograms and QBP escatogramas
8. Emerging viral diseases: molecular diagnostics, cell culture and biosecurity
9. Molecular study of the microbiology of the female genital tract
10. Diagnosis of autoimmune diseases
11. Autoimmune hemolytic disease
12. Selected Topics clinical pharmacy
13. Workshop on writing scientific papers
14. Normativity Workshop
15. Update Workshop in handling infectious biological hazardous waste

STATE

Professionals Association of Clinical Laboratory of the State of Mexico, AC

- College of Chemical Vallartenses of Jalisco, A
 - College of Chemical Potosino Farmacobiólogos, AC
 - Pharmacists Association Biologists Tijuana, BC
 - Professionals Association of Clinical Laboratory of the State of Mexico, AC
 - Association of Clinical Chemists State of Colima, AC
 - College of Chemical Mazatlan, A.C
 - Association of Clinical Chemists Edo. Queretaro, A.C.
 - Association of Clinical Chemists Edo. Queretaro, A.C.
 - Pharmacists Association Biologists Tijuana, BC
 - College of Chemical Puebla, AC
 - Association of Clinical Chemists State of Colima, AC
 - College of Chemical Potosino Farmacobiólogos, AC
 - College of Chemical Potosino Farmacobiólogos, AC
 - College of Chemical Tabasco, AC
 - Association of Clinical Chemists Izúcar of Matamoros, AC
 - Association of Clinical Chemists of Campeche, AC
 - College of Chemical Mazatlan, A.C.
 - Association of Clinical Chemists State of Colima, AC
 - Northern College of Chemical Sinaloa, AC
 - College of Chemical Nogales, A.C.
 - Analytical Chemists Association of Clinical Research and the State of Oaxaca
 - College of Chemical Baja California Sur, AC
 - Professionals Association of Clinical Laboratory of San Juan del Río, Querétaro. A.C.
 - Association of Clinical Chemists Edo. Queretaro, A.C.
 - Association of Clinical Chemists of Puebla, AC
 - College of Chemical Potosino Farmacobiólogos, AC
 - Association of Clinical Chemists of Puebla, AC
 - College of Chemical Potosino Farmacobiólogos, AC
- "White Series, Molecular and Cellular Approach"
"Update on Urinalysis"
"Renal Function Tests and Urinalysis Quality Control"
"Applied Hematology"
"Exhibition of Works with LV Topics in the Clinical Laboratory"
"Stool test"
"Seminal fluid study"
"Enterobacteriaceae: Identification and Susceptibility Testing"
"Children and Specialized Phlebotomy Seniors"
"Microscopy"
"Standardization of Direct spermatobioscopy"
"Basic Immunohematology"
"Topics in Endocrinology and Microbiology"
"Metrological properties of the measurement procedures (analytical phase)"
"Molecular biologies"
"Normal and Pathological Red Series"
"Diploma Urinary System Evaluation by the Laboratory"
"Tumor Markers"
"Update on Urinalysis and diabetic nephropathy"
"Quality Control in Parasitology"
"Updates on Clinical Biochemistry Laboratory and their applications"
"News in Hematology"
"Selected Topics in Medical Clinical Bacteriology"
"Microbiological Diagnosis of Respiratory High and Low"
"Thyroid Physiology and Selected Topics in Climacteric and Menopause"
"Integral Diagnosis in Hematology Interpretation based on Histograms"
"The urinalysis as a diagnostic"
"Procedures and Special stains in the Hematology Laboratory"
"Upgrading applied Hematology Clinical Chemistry"

EDUCATION

- College of Chemical Hermosillo, A.C.
 - Pharmacists Association Biologists from the city of Mexicali, BC
 - Association of Clinical Chemists Edo. In Durango, A.C.
 - Association of Clinical Chemists Edo. Nayarit, A.C.
 - College of Chemical State of Colima, AC
 - Association of Clinical Chemists Edo. Queretaro, A.C.
 - Analytical Chemists Association of Clinical Research and the State of Oaxaca
 - College of Chemical North of Veracruz, AC
 - Analytical Chemists Association of Clinical Research and Edo. In Oaxaca
 - College of Chemical Vallartenses of Jalisco, AC
 - Association of Clinical Chemists Northern Veracruz
 - Pharmacists Association Biologists from the city of Mexicali, BC, BC
 - College of Chemical Vallartenses of Jalisco, AC
 - Association of Clinical Chemists of Ciudad Obregon, AC
 - Analytical Chemists Association of Clinical Research and Edo. Oaxaca
 - Association of Clinical Chemists Guerrero, AC
 - College of Chemical Farmacobiólogos Serving Jalisco, AC
 - College of Chemical Baja California Sur, AC
- "Basic Biosafety in the Laboratory"
- "Management Hormones, Andropause and Menopause"
- "Clinical Diagnostic Bacteriology"
- "Dyslipidemia"
- "Urinary tract infection and bacterial gastroenteritis"
- "Microbiological Diagnosis of Urinary Tract Infection, nosocomial infections and bacterial gastroenteritis"
- "Applied Epidemiological Surveillance"
- "Hematologic Stains"
- "Thyroid Physiology"
- "1st Module of Internal Auditors of Laboratory Quality Control"
- "Standardization of direct smear microscopy Baar"
- "Common Kidney Diseases and Clinical Diagnostic Models for the Laboratory"
- "2nd Module Internal Auditors of Laboratory Quality Control"
- "Medical Symposium XI of ISSSTESON"
- "III Congress of Clinical Chemists State"
- "Congress Guerrero IV Update Academic and Professional Development of Clinical Chemists"
- 29 and November 30 and December 1, 2012
- "State Meeting XVI of Clinical Chemists"
- 29 and November 30 and December 1, 2012
- "Applied Immunohematology Transfusion Medicine"

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
International Federation of Clinical Chemistry and Laboratory Medicine y la Federación Nacional de Químicos Clínicos CONAQUIC, A.C. "6° Ciclo Internacional de Conferencias de la Calidad. Mexico D.F.	Junio 27-29 del 2012	

INTERNATIONAL RELATIONS

International Federation of Clinical Chemistry and Laboratory Medicine

SPAIN



ASOCIACIÓN ESPAÑOLA DE FARMACÉUTICOS ANALISTAS SPANISH PHARMACEUTICAL ANALYSTS SOCIETY

NATIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
VI Clinica Laboratory National Congress (XXVII AEFA Annual meeting)	October, 24-25 Barcelona	Annual Meeting & Clinical Lab Expo

EDUCATION

Topic	Type	City	Date
Online Clinical Laboratory Continuing Education	elearning		February, 1-December, 31
Evaluation and comparison of analytical methods (in collaboration with AEBM y SEQC)	course	Barcelona	October, 23
Update in Clinical Toxicology (in collaboration with AEBM y SEQC)	course	Barcelona	October, 23
Semen analysis methods (in collaboration with AEBM y SEQC)	course	Barcelona	October, 23
Contribution of epigenetic studies in medicine (in collaboration with AEBM y SEQC)	course	Barcelona	October, 23
Tools for improving Patient Safety in Clinical Laboratory	course	Madrid	November, 30

REGIONAL MEETINGS

Name of the meeting	Date	Society's contribution for the meeting
The role of Clinical Laboratory in the assessment of renal function	Madrid. November, 17	AEFA

EDUCATION

AEFA has collaborations with all the Clinical laboratory regional associations of Spain.

INTERNATIONAL RELATIONS

With IFCC
Affiliate Member.
With COLABIOCLI
Member
With Ordem dos Farmaceuticos of Portugal
Cooperation agreement for the continuing education

ADDITIONAL INFORMATION

Scientific journal: Revista del Laboratorio Clínico (Rev Lab Clin), (in collaboration with AEBM y SEQC)

EQAS in Biochemistry stat lab, hormones and tumour markers.
Haematology,
Microbiology,
Parasitology and
Semen analysis

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