

Advancing excellence in  
laboratory medicine for better  
healthcare worldwide



**IFCC MILESTONES 2002 - 2020**  
**GOLDEN ACHIEVEMENTS**

**INTERNATIONAL FEDERATION  
OF CLINICAL CHEMISTRY  
AND LABORATORY MEDICINE**



The IFCC Milestones 2002-2020 booklet is dedicated to Professor Howard Morris who occupied, with boundless enthusiasm, a unique position in the history of the IFCC

Prof. Howard MORRIS and his wife Helen MARTIN

## IFCC MILESTONES 2002 - 2020 GOLDEN ACHIEVEMENTS

### Acknowledgements:

We thank Dr Alexander Haliassos, President GSCC-CB (GR) and Andronikos Deligiannis, pecora nera design studio, for their patience along the many revisions, for the long hours spent formatting this document, and for their thoughtful suggestions.


### Note:

Title
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The numbers in pink colour associated to the title of the functional units correspond to the official IFCC numbering system

# CONTENTS

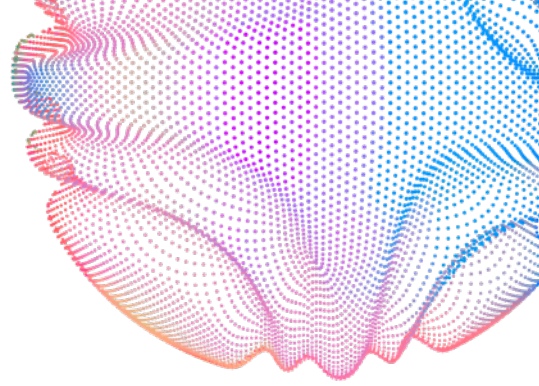


President Message	4
Leading the IFCC future	6
IFCC the Worldwide Leading Organisation	8
IFCC Structure	10
Regional Federations	12
Full Member Societies	14
Affiliate Member Societies	18
Corporate Members	19
Executive Board (EB)	22
Cooperation with International Organisations	25
IFCC Distinguished Awards and Medals	27
Task Forces (TF)	29
Congresses and Conferences Committee (C-CC)	31
Congresses	32
Scientific Division (SD)	34
Education and Management Division (EMD)	42
Communications and Publications Division (CPD)	48
Emerging Technologies Division (ETD)	53
Task Force for Young Scientists (TF-YS)	55
Foundation for Emerging Nations (FEN)	60



**Prof. Khosrow Adeli**

IFCC President



## PRESIDENT MESSAGE

### IFCC Milestones 2020

My warmest congratulations to Prof Mathias M.Mueller and Dr Bernard Gouget as well as Ms Silvia Colli-Lanzi and the IFCC Office on such an incredible achievement. This IFCC Milestones booklet does a marvelous job of showcasing the many outstanding achievements of the IFCC family over the past two decades. The enormous achievements highlighted in this booklet is simply extraordinary and very impressive. Many important milestones have been accomplished contributing to the IFCC's mission of "Advancing excellence in laboratory medicine for better healthcare worldwide". Particularly remarkable are the many golden achievements by the Scientific Division, Education and Management Division, Communications and Publications Division, and the Emerging Technology Division. Clearly, these achievements have not only contributed to the growth of the IFCC organization but have also had important impact on advancing the science of laboratory medicine and in vitro diagnostics around the world.

The 2020 Milestones booklet is appropriately dedicated to the memory of Professor Howard Morris, the Past President of IFCC (2018-2019) and a leader both in the field of laboratory medicine and within the IFCC organization. The IFCC community takes this opportunity to remember Professor Morris whose sudden loss is very much felt by many of us within and outside the IFCC organization.

I strongly believe that the future holds considerable promise for the IFCC organization and its family of national societies and corporate members. The strong foundation built by thousands of IFCC officers over the past two decades as highlighted in this report will ensure the IFCC's continued journey towards global leadership in laboratory medicine, contributing to its most valuable mission of improving clinical decision making and better healthcare worldwide.

Many new initiatives are planned over the coming years to further enhance IFCC's leadership position and increase IFCC's role in improving global healthcare and improved patient outcomes. There will be major expansions of the IFCC's role in global lab quality to improve internal and external quality assurance and in distance learning resources to enhance continuing education for clinical laboratory professionals worldwide. I have no doubt that IFCC will continue to shine and excel, thanks to the contributions of thousands of dedicated scientists who have actively participated and will continue to participate in numerous functional units within the IFCC organization.

Professor Khosrow Adeli  
IFCC President



# EXECUTIVE BOARD 2021-2023



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**Prof. Mathias M. Müller**

Co-Chair IFCC TF on History



**Dr. Bernard Gouget**

Co-Chair IFCC TF on History

## LEADING THE IFCC FUTURE

«We always overestimate the change that will occur in the next two years and underestimate the change that will occur in the next 10»

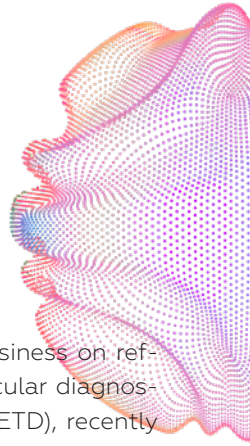
Bill Gates

Almost 20 years after the first edition of the IFCC milestones (Kobe 2002) and before the publication of the next 70 years IFCC anniversary book (2002-2022), this "IFCC Milestones 2002 - 2020 Golden Achievements" edition is providing an update on the evolution of the IFCC since the beginning of the 21st Century.

We understand human genetic, biology and chemistry much better today than we did even 20 years ago. The technology revolution and emerging digital ethics concerns are transforming our world at an unprecedented velocity. Recently IFCC adopted a new dynamic motto «Advance excellence in laboratory medicine for better healthcare worldwide». It has led important changes in the governance and improvements in line with the recent scientific developments and the new methods of education and communication/information, speeding up the scientific research process to face worldwide health challenges.

IFCC has a long-standing history setting global standards in collaboration with the international organisation. IFCC is also supporting members through scientific or educational efforts and organising conferences and international congresses. Many initiatives have emerged during the last two decades: electronic voting, new Executive Board (EB) composition with the presence of six IFCC Regional Federation representatives to best meet the needs of the membership and Memoranda of Understanding (MoUs) revised for an optimal efficiency. In 2016, the Foundation for Emerging Nations (FEN) was established to supporting programs that help improving the quality and delivery of Laboratory Medicine services, in emerging nations.

IFCC Divisions have undergone many changes incorporating the concept of P6 medicine (Personalised, Predictive, Preventive, Participatory, Psycho-cognitive, Public), a model of highly participatory, narrative, interactive, and "augmented" lab medicine to better interact with the



practitioners and the patients. The Scientific Division (SD) beside its core business on reference materials and methods, and standardisation is also focusing on molecular diagnostics as basis of personalised medicine. The Emerging Technologies Division (ETD), recently established, is preparing IFCC workforce to identify and evaluate the disrupting technologies [New Generation Sequencing (NGS), omics, mobile/e-Health and Artificial Intelligence (AI)] and how to deliver the digital future. The Education and Management Division (EMD) is very attentive on what the implications of these changes are for the professional skills required and their consequences for the curricula, education, training, long life learning and quality management. The Communications and Publications Division (CPD) is continuously modernising the website, selecting new e-tools and improving the impact factor of the publications. This division is strongly supporting open access to science resources, as a fundamental part of its mission and a public benefit to be encouraged wherever possible to spread knowledge and allow that knowledge to be built upon.

In future, we need greater number of professionals to fill the gap of the new LabMed disciplines. Since more than 10 years, the IFCC TF-Young Scientists is attracting brightest students and young professionals. Now, they have the opportunity to play an active role. We would like to congratulate them for their collaborative skills and creativity. It is essential to foster their wish to lead change in Lab medicine and health care.

Over the years, IFCC officers have changed. We would like to thank the worldwide network of volunteers and experts, as well as the corporate members for their commitment and uninterrupted contribution to the growth and development of the Federation. As well, the IFCC office is playing a pivotal role in the success of the business and in and out relationships. We thank them for their secretariat services, hard work and commitment to IFCC.

We are confident that the new "IFCC 2002 - 2020 Milestones" will allow you to learn more about the IFCC, its function and its operations, as well as to better understand the IFCC spirit and mission statement to continue being the leading organisation in the field of laboratory medicine.

Sincerely Yours,

Prof. Mathias M. Müller













Dr. Bernard Gouget



# IFCC

## THE WORLDWIDE LEADING ORGANISATION

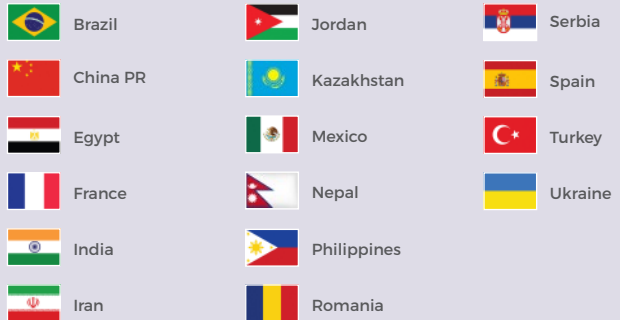
### WORLDWIDE MEMBERSHIP

 Albania (AL)	 Bulgaria (BG)	 Denmark (DK)	 Greece (GR)	 Israel (IL)
 Algeria (DZ)	 Canada (CA)	 Dominican Rep (DO)	 Guatemala (GT)	 Italy (IT)
 Argentina (AR)	 Chile (CL)	 Ecuador (EC)	 Hong Kong (HK)	 Japan (JP)
 Australia (AU) & New Zealand (NZ)	 China Beijing (P.R.C.)	 Egypt (EG)	 Hungary (HU)	 Jordan (JO)
 China Taipei (R.O.C.)	 Estonia (EE)	 Iceland (IS)	 Kazakhstan (KZ)	
 Austria (AT)	 Colombia (CO)	 Ethiopia (ET)	 India (IN)	 Kenya (KE)
 Belgium (BE)	 Croatia (HR)	 Finland (FI)	 Indonesia (ID)	 Korea (KR)
 Bolivia (BO)	 Cuba (CU)	 France (FR)	 Iran (IR)	 Kosovo (XK)
 Bosnia Herzegovina (BA)	 Cyprus (CY)	 Georgia (GE)	 Iraq (IQ)	 Latvia (LV)
 Brazil (BR)	 Czech Rep (CZ)	 Germany (DE)	 Ireland (IE)	 Lebanon (LB)



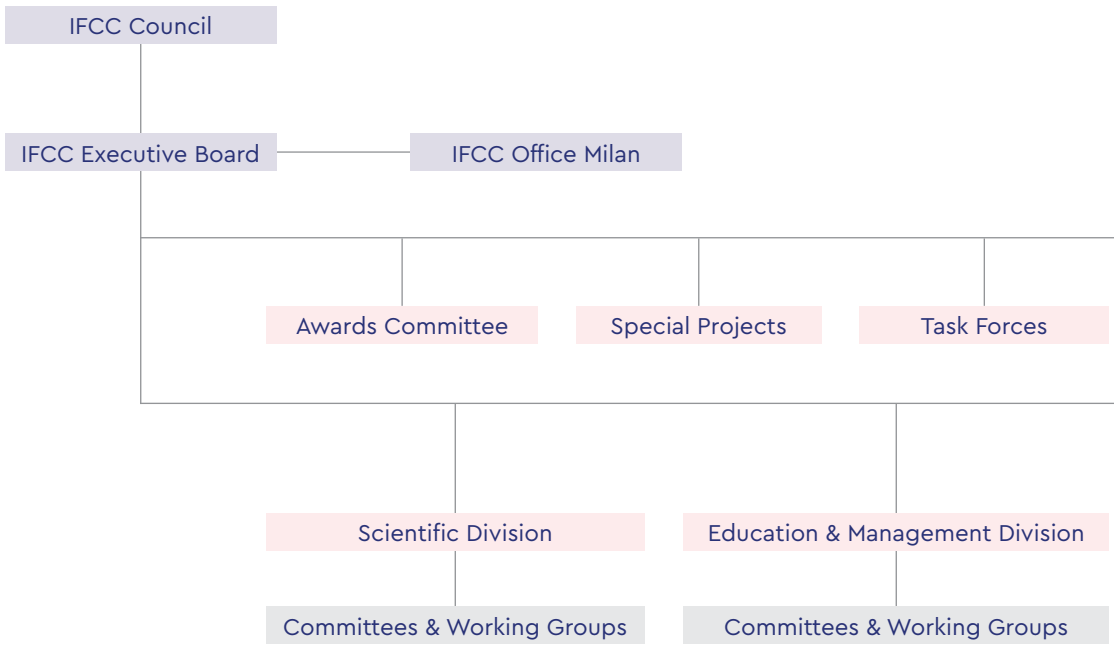


## AFFILIATE MEMBERS





The aim of the IFCC General Conference is to convene all the IFCC functional units at one time and location, in order to discuss present activities and projects, and to plan and decide on future actions of the organisation. A General Conference is held once during the triennial term of the IFCC Executive Board, usually during the second year.



# IFCC

## Structure & organisation

The International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) is a worldwide, non-political organisation for clinical chemistry and laboratory medicine. It has a range of roles that include global standard setting in collaboration with other international organisations, supporting its members through scientific and educational endeavour, and providing a series of congresses, conferences and focused meetings in order for laboratory medicine specialists to meet and present original findings and best practice.

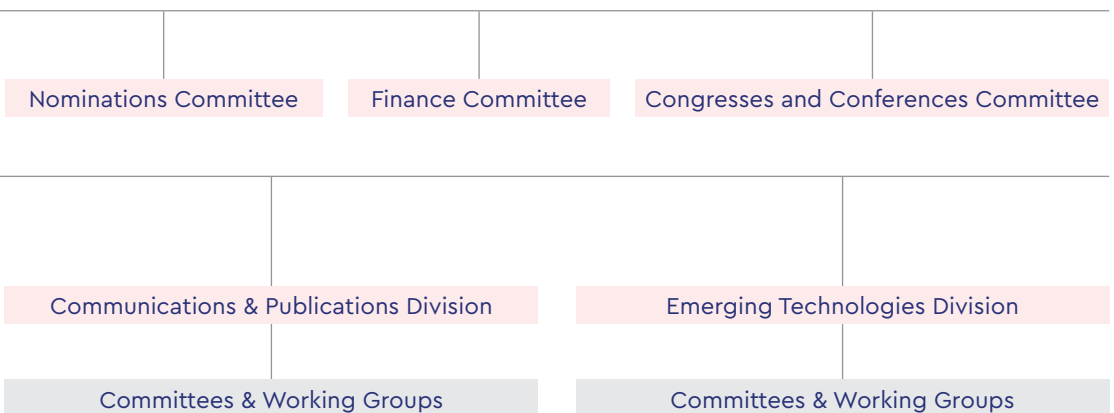
The IFCC relies very heavily on volunteers to run the organisation and to undertake its range of activities and programmes. The IFCC contains three Membership categories :

- Full Members that are recognised and established national societies of clinical chemistry and laboratory medicine.
- Corporate Members, that are individual companies, corporate entities or research establishments concerned with the field of clinical laboratory practice.
- Affiliate Members, that are allied international or national societies or groupings interested in the science and practice of laboratory medicine.

### General Conferences

XIII	Budapest (HU)	2018
XII	Madrid (ES)	2016
XI	Kuala Lumpur (MY)	2012
X	Corfu (GR)	2010
IX	Antalya (TR)	2008
VIII	Sousse (TN)	2004

The organisational structure of IFCC is illustrated in the figure. The governing body is the Council that consists of one Representative appointed by each Full Member (voting), Affiliate Member, and Corporate Member. It convenes at the triennial International Congress of Clinical Chemistry and Laboratory Medicine. Between Council meetings, the business of IFCC is conducted by the Executive Board that is elected by the Council. Any important questions that arise between Council meetings, such as the admission of new Full Members to the Federation, approval of recommendations, and changes or amendments of statutes are decided by mail ballot of the Full Member Representatives voting on behalf of their societies.





**IFCC**

Regional Federations

There are six Regional Professional Laboratory Medicine Federations considered as IFCC regional partners:

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

A Representative of each Federation is elected in the IFCC Executive Board as IFCC Regional Federation Representative.



### African Federation of Clinical Chemistry (AFCC)

The African Federation of Clinical Chemistry was established in 2009 in Ibadan (Nigeria), representing fifteen countries. The aim of the AFCC is to promote and improve the quality of health care services to communities. This is on-going through improving practices of Clinical Chemistry and Laboratory Medicine through education and scientific exchanges in Africa. Major focus is dedicated to young Scientists through IFCC Programmes.

#### AFCC President

**Prof. Rajiv Timothy Erasmus**  
Dept of Chemical Pathology

Tygerberg, 7505  
South Africa  
[www.afccafrica.org](http://www.afccafrica.org)



ARAB FEDERATION OF  
CLINICAL BIOLOGY  
AFCB

### Arab Federation of Clinical Biology (AFCB)

The Arab Federation of Clinical Biology (AFCB) was established in 1974 in Egypt and represents twelve countries. The AFCB is managed by its Executive Board (EB), elected every three years.

Its aim is to tighten relationships between all the member societies working in the field of clinical laboratory in the Arabic world.

#### AFCB President

**Dr. Osama Najjar**

General Director of Allied Health Professions Ministry of Health (MOH)

Palestine  
[www.afcbforyou.org](http://www.afcbforyou.org)



**ASIA-PACIFIC FEDERATION FOR CLINICAL BIOCHEMISTRY  
AND LABORATORY MEDICINE**

### Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB)

The Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB) was established in 1978. The APFCB is the largest of the six regional Federations of clinical chemistry and laboratory medicine; it is composed by 18 full Ordinary Members, 6 Affiliate Members and 18 Corporate Members. The APFCB has close partnership and collaboration with eighteen in-vitro diagnostic companies, comprising global multinational, regional and local companies.

#### APFCB President

**Prof. Sunil Sethi**

Department of Laboratory Medicine

National University Hospital

Singapore 119074

[www.apfcb.org](http://www.apfcb.org)



**COLABIOCLI**

### Latin-American Confederation of Clinical Biochemistry (COLABIOCLI)

The Latin American Confederation of Clinical Biochemistry, COLABIOCLI, was conceived in 1968 in Mar del Plata (Argentina) and officially established in 1973, during the II Congress of Biochemistry in Porto Alegre, Brazil. Twenty-one national societies are today its members.

One of the main objectives is to give support to the programmes of continuous quality.

Many of the activities are supported by PAHO/WHO.

#### COLABIOCLI President

**Dr. Alvaro Justiniano Grosz**

Cochabamba - Bolivia

[www.colabiocli.com](http://www.colabiocli.com)



**EUROPEAN FEDERATION OF CLINICAL CHEMISTRY  
AND LABORATORY MEDICINE**

### European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)

In 2007, the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM formerly EFCC) was formed by the merger of FESCC (Forum of European Societies of Clinical Chemistry) and EC4 (European Communities Confederation of Clinical Chemistry). EFLM connects forty full members Societies and four Affiliate members, creating a European platform for all specialists in Laboratory Medicine.

#### EFLM President

**Prof. Ana-Maria Šimundić, PhD**

Department of Medical Laboratory Diagnostics

University Hospital "Sveti Duh"

Zagreb, Croatia

[www.eflm.eu](http://www.eflm.eu)



**North American Federation of  
Clinical Chemistry & Laboratory Medicine**

### North American Federation of Clinical Chemistry and Laboratory Medicine (NAFCC)

The North American Federation of Clinical Chemistry and Laboratory Medicine (NAFCC) was formed in December of 2014, representing the American Association for Clinical Chemistry (AACC) and the Canadian Society of Clinical Chemists (CSCC), both member societies of the IFCC. The NAFCC was recognised by the IFCC in February of 2015. The NAFCC was formed in response to changes to the structure of the IFCC Executive Board (EB) to allow each Federation to nominate a member to the EB, thus providing for regional representation of all IFCC member societies on the EB.

#### NAFCC Representative

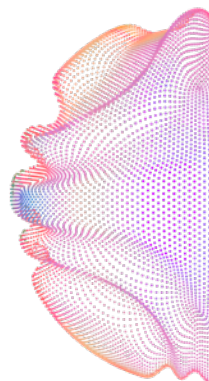
**Prof. Ann M. Cronowski, Ph.D.**

Professor Pathology & Immunology and Obstetrics & Gynecology

Washington University School of Medicine

St. Louis, MO 63110

USA



# IFCC

## Full Member Societies

### **Albania (AL)**

Albanian Society of Clinical Biochemistry and Laboratory Medicine (ASoLaM)  
Prof. Asc. Anyla Bulo (Kasneçi)  
[www.asolam.org](http://www.asolam.org)

### **Algeria (DZ)**

Société Algérienne de Biologie Clinique (SABC)  
Prof. Imessaoudene Belaid

### **Argentina (AR)**

Confederación Unificada Bioquímica de la Republica Argentina (CUBRA)  
Dr. Alejandra Arias  
[www.cubra.info](http://www.cubra.info)

### **Australia and New Zealand (AU/NZ)**

Australasian Association of Clinical Biochemists (AACB)  
Dr. Peter Ward  
[www.aacb.asn.au](http://www.aacb.asn.au)

### **Austria (AT)**

Austrian Society of Laboratory Medicine and Clinical Chemistry (ÖGLMKC)  
Univ. Prof. Dr. Andrea Griesmacher  
[www.oeglmkc.at](http://www.oeglmkc.at)

### **Belgium (BE)**

Royal Belgian Society of Laboratory Medicine (RBSLM)  
Prof. Dr. Joris Delanghe  
[www.rbslm.be](http://www.rbslm.be)

### **Bolivia (BO)**

Sociedad Boliviana de Bioquímica Clínica  
Dr. Alvaro Justiniano Grosz  
[www.sobobiocli.com](http://www.sobobiocli.com)

### **Bosnia Herzegovina (BA)**

Association of Medical Biochemists in Bosnia-Herzegovina  
Dr.Sci. Chem. Jozo Coric  
[www.umbbih.ba](http://www.umbbih.ba)

### **Brazil (BR)**

Sociedade Brasileira de Análises Clínicas (SBAC)  
Dr. Maria Elizabeth Menezes  
[www.sbac.org.br](http://www.sbac.org.br)

### **Bulgaria (BG)**

Bulgarian Society of Clinical Laboratory Assoc. Prof. Dr. Yana Bocheva  
[www.bscl.eu](http://www.bscl.eu)

### **Canada (CA)**

Canadian Society of Clinical Chemists (CSCC)  
Société Canadienne de Clinico-Chimistes  
Dr. Ted Dunn  
[www.csc.ca](http://www.csc.ca)

### **Chile (CL)**

Sociedad Chilena de Química Clínica (SCHQC)  
Dr. Eduardo Aranda  
[www.schqc.cl](http://www.schqc.cl)

### **China (CN) - People's Republic of China (PRC) - Beijing**

Chinese Society of Laboratory Medicine (CSLM)  
Dr. Ming Guan  
[www.cslm.org.cn](http://www.cslm.org.cn)

### **China (TW) - Republic of China (ROC) - Taiwan**

Chinese Association for Clinical Biochemistry  
Dr. Woei-hong Fang  
[www.cacb.org.tw](http://www.cacb.org.tw)

### **Colombia (CO)**

Colegio Nacional de Bacteriología CNB - Colombia  
Dr. Andreas Rothstein  
[www.cnbcolombia.org](http://www.cnbcolombia.org)

### **Croatia (HR)**

Croatian Society of Medical Biochemistry and Laboratory Medicine  
Dr. Jasna Leniček Krleža  
[www.hdmbim.hr](http://www.hdmbim.hr)

### **Cuba (CU)**

Cuban Society of Clinical Pathologists  
Dr. Manuel Morejon Campa  
[www.sld.cu/uvs/patologiaclinica](http://www.sld.cu/uvs/patologiaclinica)

### **Cyprus (CY)**

Association of Clinical Laboratory Directors, Biomedical and Clinical Laboratory Scientists  
Ms. Spyroula Christou  
[www.aclycyprus.org](http://www.aclycyprus.org)

### **Czech Republic (CZ)**

Czech Society of Clinical Biochemistry (CSKB)  
Dr. Richard Píkner  
[www.cskb.cz](http://www.cskb.cz)

### **Denmark (DK)**

Danish Society of Clinical Biochemistry (DSKB)  
Dr. Lise Bathum  
[www.dskb.dk](http://www.dskb.dk)

### **Dominican Republic (DO)**

Colegio Dominicano de Bionistas (CODOBIO)  
Dr. Antonia Surriel  
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### **Ecuador (EC)**

Sociedad Ecuatoriana de Bioquímica Clínica (SEBIOCLI)  
Dr. Francisco Vallejos  
[www.sebiocli-ec.org](http://www.sebiocli-ec.org)

**Egypt (EG)**

The Egyptian Society of Clinical Chemistry and Clinical Laboratory Sciences (ESCC)  
 Prof. Mohamed Shaarawy  
[www.escc-eg.org](http://www.escc-eg.org)

**Estonia (EE)**

Estonian Society for Laboratory Medicine  
 Dr. Karel Tomberg  
[www.elmy.ee](http://www.elmy.ee)

**Ethiopia (ET)**

Ethiopian Medical Laboratory Association (EMLA)  
 Mr. Gizachew Tadesse Akalu  
[www.emlaeth.org](http://www.emlaeth.org)

**Finland (FI)**

Finnish Society of Clinical Chemistry (SKKY)  
 Prof. Päivi H Laitinen  
[www.skky.fi](http://www.skky.fi)

**France (FR)**

Société Française de Biologie Clinique (SFBC)  
 Prof. Philippe Gillery  
[www.sfbc-asso.fr](http://www.sfbc-asso.fr)

**Georgia (GE)**

Laboratory Medicine Association of Georgia (GLMA)  
 Dr. Maia Khutsishvili

**Germany (DE)**

Deutsche Gesellschaft für Klinische Chemie und Laboratoriumsmedizin e.V. (DGKL)  
 Prof. Dr. Mariam Klouche  
[www.dgkl.de](http://www.dgkl.de)

**Greece (GR)**

Greek Society of Clinical Chemistry - Clinical Biochemistry (GSCC-CB)  
 Dr. Alexander Haliassos  
[www.eekx-kb.gr](http://www.eekx-kb.gr)

**Guatemala (GT)**

Asociación de Químicos Biólogos de Guatemala  
 Dr. Ana Leticia Maselli  
[www.aqbg.org](http://www.aqbg.org)

**Hong Kong (HK)**

Hong Kong Society of Clinical Chemistry (HKSCC)  
 Dr. Jeffrey SS CKWOK  
[www.medicine.org.hk/hksc](http://www.medicine.org.hk/hksc)

**Hungary (HU)**

Hungarian Society of Laboratory Medicine (MLDT)  
 Dr. Zsuzsa Bagoly  
[www.mldt.hu](http://www.mldt.hu)

**Iceland (IS)**

The Icelandic Society for Laboratory Medicine  
 Dr. Leifur Franszon  
[www.fklli.hi.is](http://www.fklli.hi.is)

**India (IN)**

Association of Clinical Biochemists of India (ACBI)  
 Dr. Rajiv R Sinha  
[www.acbindia.org](http://www.acbindia.org)

**Indonesia (ID)**

Indonesian Association for Clinical Chemistry (HKKI)  
 Dr. Sri Paulani  
[www.hkki.org](http://www.hkki.org)

**Iran (IR)**

Biochemical Society of Islamic Republic of Iran  
 Prof. Khosro Khajeh  
[www.biochemiran.com](http://www.biochemiran.com)

**Iraq (IQ)**

Iraqi Society of Molecular Biology and Genetics ISMBG  
 Dr. Mohammad I. Mezaal Atheab  
[www.ismbg.org](http://www.ismbg.org)

**Ireland (IE)**

Association of Clinical Biochemists in Ireland (ACBI)  
 Dr. Seán Costelloe  
[www.acbi.ie](http://www.acbi.ie)

**Israel (IL)**

Israel Society for Clinical Laboratory Science  
 Dr. Marielle Kaplan  
[www.ilmr.org.il](http://www.ilmr.org.il)

**Italy (IT)**

Italian Society of Clinical Chemistry and Clinical Molecular Biology (SIBioC)  
 Prof. Giuseppe Lippi  
[www.sibioc.it](http://www.sibioc.it)

**Japan (JP)**

Japan Society of Clinical Chemistry (JSCC)  
 Prof. Masato Maekawa  
[www.jscc-jp.gr.jp](http://www.jscc-jp.gr.jp)

**Jordan (JO)**

Jordan Society for Medical Laboratory Sciences  
 Prof. Dr. Yousif Y. Bilto

**Kazakhstan (KZ)**

Kazakhstan Association of Medical Laboratory Diagnostic (KAMLd)  
 Dr. Aliya Kuserbayeva  
[www.kamld.kz](http://www.kamld.kz)

**Kenya (KE)**

Clinical Chemists Association of Kenya  
 Dr. Angela Amayo

**Korea (KR)**

Korean Society of Clinical Chemistry (KSCC)  
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[www.ksc.org.kr](http://www.ksc.org.kr)

**Kosovo (XK)**

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**Latvia (LV)**

Latvian Society of Laboratory Specialists (LLSB)  
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**Lebanon (LB)**

Lebanese Society of Clinical Biology - Syndicat des Biologistes du Liban  
Dr. Christian Al Haddad  
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**Lithuania (LT)**

Lithuanian Society of Laboratory Medicine  
Dr. Dalius Vitkus  
[www.llmd.lt/en](http://www.llmd.lt/en)

**Luxembourg (LU)**

Société Luxembourgeoise de Biologie Clinique  
Dr. Danielle Meunier  
[www.slbc.lu](http://www.slbc.lu)

**Malawi (MW)**

Malawi Association of Medical Laboratory Scientists (MAMLS)  
Dr. Jones Kadewere  
[www.mamls.mw](http://www.mamls.mw)

**Malaysia (MY)**

Malaysian Association of Clinical Biochemists (MACB)  
Dr. Raja Elina Raja Aziddin  
[www.macb.org.my](http://www.macb.org.my)

**Mexico (MX)**

Mexican Association of Clinical Laboratory Sciences  
Dr. José Francisco Muñoz-Valle  
[www.cmclabc.org](http://www.cmclabc.org)

**Montenegro (MNE)**

Montenegrin Association of Clinical Chemistry and Laboratory Medicine  
Dr. Najdana Gligorovic-Barhanovic

**Morocco (MA)**

Société Marocaine de Chimie Clinique (SMCC)  
Prof. Layachi Chabraoui  
[www.smccbm.org](http://www.smccbm.org)

**Myanmar (MM)**

Myanmar Medical Technologists Association – MMTA  
Mr. Maung Maung

**Nepal (NP)**

Nepal Association for Medical Laboratory Science (NAMLS)  
Asst. Prof. Khelanaanda Prasad Singh (K.P. Singh)

**Netherlands (NL)**

Nederlandse Vereniging voor Klinische Chemie en Laboratoriumgeneeskunde (NVKC)  
Dr. Claudia Pronk-Admiraal  
[www.nvkc.nl](http://www.nvkc.nl)

**Nigeria (NG)**

Association of Clinical Chemists Nigeria (ACCN)  
Dr. Henry Chima Okpara  
[www.accnnigeria.org](http://www.accnnigeria.org)

**North Macedonia (MK)**

Macedonian Society of Medical Biochemistry and Laboratory Medicine (MSMBLM)  
Ass. Prof. Katerina Tosheska Trajkovska  
[www.mzmbllm.org.mk](http://www.mzmbllm.org.mk)

**Norway (NO)**

Norsk Selskap for Medisinsk Biokjemi (NSMB) Norwegian Society of Medical Biochemistry  
Dr. Anne-Lise Bjørke Monsen  
[www.legeforeningen.no/nsmb](http://www.legeforeningen.no/nsmb)

**Pakistan (PK)**

Pakistan Society of Chemical Pathologists  
Dr. Aysha Habib Khan  
[www.pscp.org.pk](http://www.pscp.org.pk)

**Palestine (PS)**

Palestinian Medical Technology Association (PMTA)  
Dr. Osama Najjar  
[www.palmta.org](http://www.palmta.org)

**Panama (PA)**

Colegio Nacional de Laboratoristas Clínicos de Panamá  
Dr. Lizbeth Campillo  
[www.conalac.com.pa](http://www.conalac.com.pa)

**Paraguay (PY)**

Asociación de Bioquímicos del Paraguay (ABP)  
Dra. Natalie Weiler  
[www.abp.org.py](http://www.abp.org.py)

**Philippines (PH)**

The Philippine Association of Medical Technologists - PAMET  
Mr. Ronaldo E. Puno  
[www.pametinc.org](http://www.pametinc.org)

**Poland (PT)**

Polish Society for Laboratory Diagnostics (PTDL)  
Prof. Grazyna Sypniewska  
[www.ptdl.pl](http://www.ptdl.pl)

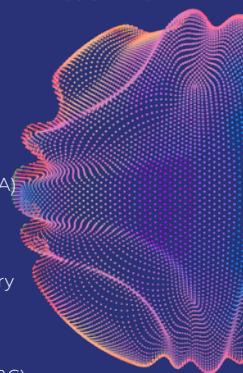
**Portugal (PT)**

Sociedade Portuguesa de Química Clínica, Genética e Medicina Laboratorial (SPML)  
Dr. Henrique Reguengo  
[www.spml.pt](http://www.spml.pt)

**Romania (RO)**

Romanian Association of Laboratory Medicine (RALM)  
Dr. Cristina Mambet  
[www.almr.ro](http://www.almr.ro)



**Russia (RU)**

Association of Laboratory Specialists and Organisations  
«Federation of laboratory medicine» (FLM)  
Prof. Andrey Mikhailovich Ivanov  
[www.fedlab.ru](http://www.fedlab.ru)

**Saudi Arabia (SA)**

Saudi Association for Clinical Chemistry  
Dr. Anwar Borai  
[www.sccc-sa.org](http://www.sccc-sa.org)

**Serbia (SRB)**

Society of Medical Biochemists of Serbia (DMBS)  
Prof. Nada Majkic-Singh  
[www.dmbj.org.rs](http://www.dmbj.org.rs)

**Singapore (SG)**

Singapore Association of Clinical Biochemists  
Prof. Sunil Kumar Sethi  
[www.sacb.org.sg](http://www.sacb.org.sg)

**Slovak Republic (SK)**

Slovak Society of Clinical Biochemistry (SSKB)  
Ing. Jan Balla  
[www.sskb.sk](http://www.sskb.sk)

**Slovenia (SI)**

Slovenian Association for Clinical Chemistry and  
Laboratory Medicine (SZKKLM)  
Mag. Evgenija Homšak  
[www.szkklm.si](http://www.szkklm.si)

**South Africa (ZA)**

South African Association of Clinical Biochemistry  
(SAACB)  
Prof. Tahir Pillay  
[www.saclinpath.co.za](http://www.saclinpath.co.za)

**Spain (ES)**

Sociedad Española de Medicina de Laboratorio  
(SEQCML)  
Dr. Imma Caballe Martin  
[www.seqc.es](http://www.seqc.es)

**Sri Lanka (LK)**

Association for Clinical Biochemistry, Sri Lanka  
Prof. Lal Chandrasena

**Sudan (SD)**

Sudanese Society of Clinical Biology  
Prof. Imad Fadl-elmula

**Sweden (SE)**

Swedish Society for Clinical Chemistry  
Dr. Per Bjellerup  
[www.klinisk kemi.org](http://www.klinisk kemi.org)

**Switzerland (CH)**

Swiss Society of Clinical Chemistry  
Prof. Martin Hersberger  
[www.sccc.ch](http://www.sccc.ch)

**Syrian Arab Republic (SY)**

Syrian Clinical Laboratory Association (SCLA)  
Dr. Adnan Al-Khatib

**Thailand (TH)**

Thailand Association of Clinical Biochemistry  
Prof. Phannee Pidetch

**Tunisia (TN)**

Société Tunisienne de Biologie Clinique (STBC)  
Prof. Messaoud Taieb  
[www.stbc.org.tn](http://www.stbc.org.tn)

**Turkey (TR)**

Turkish Biochemical Society (TBS)  
Prof. Diler Aslan  
[www.turkbiyokimyadernegi.org.tr](http://www.turkbiyokimyadernegi.org.tr)

**Ukraine (UA)**

Association of Clinical Chemistry and Laboratory  
Medicine of Ukraine - ACCLMU  
Dr Oleksandr Kheilimskyi  
[www.acclmu.org.ua/en/about](http://www.acclmu.org.ua/en/about)

**United Kingdom (UK)**

The Association for Clinical Biochemistry & Laboratory  
Medicine (ACB)  
Prof Neil R Anderson  
[www.acb.org.uk](http://www.acb.org.uk)

**United States (US)**

American Association for Clinical Chemistry (AACC)  
Dr. Loretta Doan  
[www.aacc.org](http://www.aacc.org)

**Uruguay (UY)**

Asociación Bioquímica Uruguay (ABU)  
Prof. Stella Raymondo  
[www.asociacionbioquimicauruguay.org](http://www.asociacionbioquimicauruguay.org)

**Vietnam (VN)**

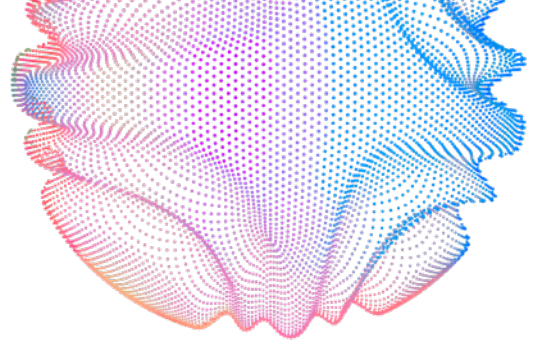
Vietnamese Association of Clinical Biochemists (VACB)  
Prof. Hoang Van Son

**Zambia (ZM)**

Biomedical Society of Zambia (BSZ)  
Dr. Victor Daka  
[www.biomedicalsocietyofzambia.org](http://www.biomedicalsocietyofzambia.org)

**Zimbabwe (ZW)**

Zimbabwe Association of Clinical Biochemists (ZACB)  
Prof. HT Matarira



# AFFILIATE MEMBER SOCIETIES

## **Brazil**

Sociedade Brasileira de Patologia Clínica / Medicina  
Laboratorial (SBPC/ML)  
Dr. Wilson Shcolnik  
[www.sbpc.org.br](http://www.sbpc.org.br)

## **China Beijing**

Lab Medicine Committee, China Association of Medical  
Equipment  
Dr. Xuzhen Qin

## **Egypt**

Egyptian Association of Healthcare Quality and Patient  
Safety  
Dr. Rania Mohamed El Sharkawy

## **France**

LABAC - French National Network of accredited  
Laboratories of Medical Biology  
Dr. Jean-Marc Giannoli  
[www.labac.eu](http://www.labac.eu)

## **India**

Association of Medical Biochemists of India (AMBI)  
Dr. Shanthi Naidu Kamatham  
[www.ambi.co.in](http://www.ambi.co.in)

## **Iran**

Iranian Association of Clinical Laboratory Doctors  
(IACLD)  
Dr. Seyyed Mehdi Boutorabi  
[www.iaclid.ir](http://www.iaclid.ir)

## **Jordan (JO)**

Society for Medical Technology & Laboratories  
Dr. Reem Jamil Abu-Ihmaid

## **Kazakhstan**

Public Association - Federation of Laboratory Medicine  
(FLM)  
Dr. Zhanar Nurlanovna  
[www.flm.kz](http://www.flm.kz)

## **Mexico**

Federación Nacional de Químicos Clínicos (CONAQUIC A.C.)  
M.C. Alejandra Anilben Cano Huizar  
[www.conaquic.com](http://www.conaquic.com)

## **Nepal**

Nepalese Association for Clinical Chemistry  
Dr. Ram Vinod Mahato  
[www.nacc.org.np](http://www.nacc.org.np)

## **Philippines**

Philippine Council for Quality Assurance in Clinical  
Laboratories (PCQACL)  
Dr. Elizabeth Y. Arcellana-Nuqui, MD, FPSP  
[www.pcqacl.com](http://www.pcqacl.com)

## **Romania**

Order of the Biochemists, Biologists, Chemists in  
Romanian Health System (OBBCCSSR)  
Dr. Constanta Popa  
[www.obbcssr.ro/](http://www.obbcssr.ro/)

## **Serbia**

Serbian Society for Clinical Laboratory Medicine and  
Science (SCLM)  
Asst Prof. Sanja Stankovic

## **Spain**

Asociación Española del Laboratorio Clínico (AEFA)  
Dr. Antonio Rider Pérez  
[www.aefa.es](http://www.aefa.es)

## **Spain**

Sociedad Andaluza de Análisis Clínicos (SANAC)  
Andalusian Society of Clinical Analysis  
Dr. Cristóbal Avivar Oyonarte  
[www.sanac.org](http://www.sanac.org)

## **Turkey**

Society of Clinical Biochemistry Specialists (KBUD)  
Prof. Dr. Necip Ilhan  
[www.kbud.org.tr](http://www.kbud.org.tr)

## **Ukraine**

Association for Quality Assurance of Laboratory  
Medicine - AQALM  
Dr. Volodymyr Saganenko



**Dr. Rolf Hinzmann**

EB-CM representative

## CORPORATE MEMBERS

The Federation offers membership to any corporation active in the field of clinical chemistry. This has proven a very productive means of communication between the professionals, professional societies and specialised industry.

The Corporate Members elect their own representative to the Executive Board.

Each Corporate Member nominates a representative to IFCC who can participate at Council meetings and is the direct link to the Corporate Representative in the Executive Board.

The Corporate Members have a delegate at the Executive Committee of each IFCC Division, presently Scientific Division, Emerging Technologies Division, Education and Management Division, Communications and Publications Division and the Congresses and Conferences Committee. Delegates of Corporate Members can participate at any Committee and Working Group as corresponding members and receive all documents. By participating in the work of IFCC the Corporate Members have the real opportunity to take initiatives in, advice on and influence early in the long process of creating standards and recommendations which might guide their future business.

Application for membership can be made through the Corporate Representative or the IFCC Office ([ifcc@ifcc.org](mailto:ifcc@ifcc.org))

The named Corporate Member representatives have been appointed to facilitate liaison with IFCC. For general inquiries to a listed Corporate Member it is recommended to use the listed website as the first point of contact.

**Abbott**

Abbott Park, IL 60064  
USA  
[www.abbott.com](http://www.abbott.com)

**ADx Neurosciences**

9052, Zwijnaarde  
Belgium  
[www.adxneurosciences.com](http://www.adxneurosciences.com)

**Agappe Diagnostics Ltd**

Kera, a 683 562  
India  
[www.agappe.com](http://www.agappe.com)

**Agilent Technologies Inc.**

Santa Clara CA 95051  
USA  
[www.agilent.com](http://www.agilent.com)

**Asahi Kasei Pharma Corporation**

Shizuoka 410-2321  
Japan  
[www.asahi-kasei.co.jp/asahi/en/index.html](http://www.asahi-kasei.co.jp/asahi/en/index.html)

**BD Life Sciences – Preanalytical Systems**

Wokingham, Berkshire  
RG41 5TS – UK  
[www.bd.com](http://www.bd.com)

**Beckman Coulter, Inc.**

93420 Villepinte  
France  
[www.beckmancoulter.com](http://www.beckmancoulter.com)

**Beijing Dream Diagnostics Medicine (DDM) Technology Co. Ltd.**

Dongcheng District - Beijing  
P.R. China  
[www.ivdchina.com](http://www.ivdchina.com)

**The Binding Site Group, Ltd.**

Birmingham, B15 1QT  
UK  
[www.bindingsite.com](http://www.bindingsite.com)

**Bio-Rad Laboratories**

92430 Marnes-la-Coquette  
France  
[www.bio-rad.com](http://www.bio-rad.com)

**C.P.M. Diagnostic Research SAS**

00060 Formello (Roma)  
Italy  
[www.cpmsas.it](http://www.cpmsas.it)

**Diasys**

D-65558 Holzheim  
Germany  
[www.diasys-diagnostics.com](http://www.diasys-diagnostics.com)

**Diatron**

Budapest H-1097  
Hungary  
[www.diatron.com](http://www.diatron.com)

**ET Healthcare Inc.**

Palo Alto  
CA 94303 - USA  
[www.ethealthcare.com.cn](http://www.ethealthcare.com.cn)

**Fujifilm Wako Pure Chemical Corporation**

Chuo-ku, Tokyo 103-0023  
Japan  
[www.wako-chem.co.jp](http://www.wako-chem.co.jp)

**Fujirebio Europe**

9052 Zwijnaarde (Gent)  
Belgium  
[www.fujirebio-europe.com](http://www.fujirebio-europe.com)

**Gentian AS**

N-1596 Moss  
Norway  
[www.gentian.no](http://www.gentian.no)

**Helena Biosciences Europe**

Gateshead - Tyne and Wear  
NE11 0SD – UK  
[www.helena-biosciences.com](http://www.helena-biosciences.com)

**Hemas Hospitals (PVT) Ltd.**

Sri Lanka  
[www.hemashospitals.com](http://www.hemashospitals.com)

**HyTest Ltd.**

20520 Turku  
Finland  
[www.hytest.fi](http://www.hytest.fi)

**Immunodiagnostic Systems - IDS**

Boldon, Tyne and Wear  
NE35 9PD  
UK  
[www.idsplc.com](http://www.idsplc.com)

**Labtronic**

59 Kunayev Ave. - Office 310  
Kazakhstan  
[www.labtronic.me](http://www.labtronic.me)  
[www.labtronic.eu](http://www.labtronic.eu)

**MedicalSystem Biotechnology Co., Ltd.**

Ningbo, ZJ 574  
P.R. China  
[www.nb-medicalsystem.com](http://www.nb-medicalsystem.com)

**A. Menarini Diagnostics**

50012 Bagno a Ripoli (Firenze)  
Italy  
[www.menarinidiagnostics.com](http://www.menarinidiagnostics.com)

**Mindray - Shenzhen Mindray Bio-Medical Electronics Co., Ltd.**

Nanshan, Shenzhen 518057  
P.R. China  
[www.mindray.com](http://www.mindray.com)

**Mitsubishi Chemical Europe GmbH**

D-40549 Düsseldorf  
Germany  
[www.mitsubishichemical.com](http://www.mitsubishichemical.com)

**Nittobo Medical Co., LTD.**

Tokyo, 102-0083  
Japan  
[www.nittobo-nmd.co.jp/english](http://www.nittobo-nmd.co.jp/english)

**Nova Biomedical Corporation**

Waltham, MA 02454-9141  
USA  
[www.novabiomedical.com](http://www.novabiomedical.com)

**Oneworld Accuracy Collaboration**

Burnaby - BC V5J 5H7  
Canada  
[www.oneworldaccuracy.com](http://www.oneworldaccuracy.com)

**Ortho-Clinical Diagnostics, Inc.**

High Wycombe – Buckinghamshire  
HP12 4DP – UK  
[www.orthoclinical.com](http://www.orthoclinical.com)

**Radiometer Medical Aps**

2700 Brønshøj  
Denmark  
[www.radiometer.com](http://www.radiometer.com)



**Randox Laboratories Ltd.**

Crumlin - Co. Antrim  
BT29 4QY - UK  
[www.randox.com](http://www.randox.com)

**Roche Diagnostics**

Indianapolis, Indiana 46250-0457  
USA  
[www.roche.com](http://www.roche.com)

**SCL Healthcare**

Gyeonggi-do 16954  
Republic of Korea  
[www.sclhealthcare.co.kr](http://www.sclhealthcare.co.kr)

**Sebia S.A.**

91008 Evry Cedex  
France  
[www.sebia.com](http://www.sebia.com)

**Sekisui Diagnostics**

Lexington, MA 02421  
USA  
[www.sekisuidiagnostics.com](http://www.sekisuidiagnostics.com)

**Sentinel CH SpA**

20152 Milano  
Italy  
[www.sentinel diagnostics.com](http://www.sentinel diagnostics.com)

**Shanghai Kehua Bio-Engineering Co., Ltd.**

Shanghai 200233  
P.R. China  
[www.skhb.com](http://www.skhb.com)

**Shanghai Zhicheng Biological Technology Co.,Ltd**

Pudong New Area, Shanghai  
P.R. China  
[www.shzhicheng.com](http://www.shzhicheng.com)

**Sichuan Maccura Biotechnology Co., Ltd.**

Chengdu 611731  
P.R. China  
[www.maccura.com](http://www.maccura.com)

**Siemens Healthcare Diagnostics**

Newark, DE, 19702  
USA  
[www.siemens.com/diagnostics](http://www.siemens.com/diagnostics)

**Snibe Diagnostics**

Nanshan District, Shenzhen 518000  
P.R. China  
[www.snibe.com](http://www.snibe.com)

**Sysmex Europe GmbH**

D-22848 Norderstedt  
Germany  
[www.sysmex-europe.com](http://www.sysmex-europe.com)

**Thermo Fisher Scientific**

01620 Vantaa  
Finland  
[www.thermofisher.com](http://www.thermofisher.com)

**Timedico A/S**

DK-7441 - Bording  
Denmark  
[www.tempus600.com](http://www.tempus600.com)

**Labor Dr. Wisplinghoff**

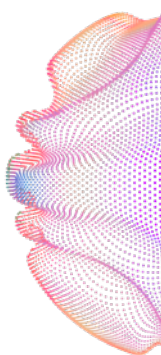
50858 Köln-Marsdorf  
Germany  
[www.wisplinghoff.de/en](http://www.wisplinghoff.de/en)

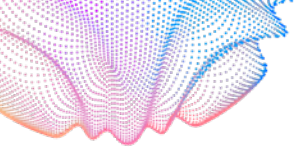
**Tosoh Corporation**

3980 Tessenderlo  
Belgium  
[www.tosohbioscience.com/clinical-diagnostics](http://www.tosohbioscience.com/clinical-diagnostics)

**Zhejiang Kuake Biotechnology Co., Ltd.**

Xinchang county - Zhejiang province  
P.R. China  
[www.zjkuake.com](http://www.zjkuake.com)





# EXECUTIVE BOARD

The Executive Board (EB) is elected by the Council for three years, and it is responsible for the operations of the IFCC between Council meetings. The EB is in charge of the strategy, decides of the annual budget, initiates projects and represents the Federation in negotiations with other organisations. The EB ensures the orderly discharge of the functions of the Federation and the sub-units. The Executive Board establishes and maintains a set of rules and procedures through which it will accomplish these functions.

## Members 2018-2020

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**Prof. Khosrow Adeli**  
President (May 2020 - 2023)  
President Elect (2020)

The Hospital for Sick Children  
University of Toronto  
Toronto - Canada



**Prof. Maurizio Ferrari**  
Past President  
President (2019 - May 2020)

University Vita-Salute  
IRCCS San Raffaele  
Milan - Italy



**Prof. Howard Morris**  
President (2018 - 2019+)

Chemical Pathology Directorate  
SA Pathology  
Adelaide SA - Australia



**Prof. David Kinniburgh**  
Secretary (2018 - 2020)

Alberta Centre for Toxicology  
University of Calgary  
Alberta - Canada



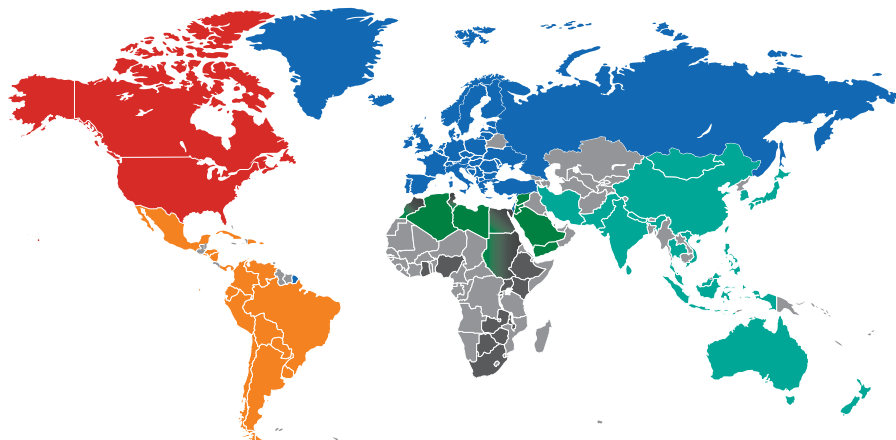
**Prof. Tomris Ozben**  
Treasurer (2018 - 2020)

Department of Clinical Biochemistry  
Antalya - Turkey



**Dr. Rolf Hinzmann**  
Corporate Representative  
(2018 - 2020)

Roche Diabetes Care GmbH  
Mannheim - Germany



## Regional Representatives 2018-2020



**Prof. Adekunle B Okesina**  
African Federation of Clinical Chemistry (AFCC)

Department of Chemical Pathology and Immunology  
University of Ilorin  
Kwara State - Nigeria



**Prof. Abderrazek Hedhili**  
Arab Federation of Clinical Biology (AFCB)

Laboratoire de Toxicologie CMYAMU  
Montfleury - Tunisia



**Prof. Sunil Sethi**  
Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB)

Department of Laboratory Medicine  
National University Hospital  
Singapore



**Prof. Sverre Sandberg**  
European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)

The Norwegian Quality Improvement of Laboratory Examinations (NOKLUS)  
Haralds plass Deaconess Hospital  
Bergen - Norway



**Dr. Rosa I. Sierra Amor**  
Latin-American Confederation of Clinical Biochemistry (COLABIOCLI)

LAQUIMS, S.C. Clinical Laboratory  
Veracruz - Mexico



**Prof. Ann Gronowski**  
North American Federation of Clinical Chemistry and Laboratory Medicine (NAFCC)

Washington University School of Medicine  
St. Louis, MO - USA

# EXECUTIVE BOARD

## GOLDEN ACHIEVEMENTS 2002 - 2020

Integration of Regional Federations at Board level  
 New and Updated Memoranda of Understanding (MoU) with Regional Federations  
 E Voting system  
 Foundation for Emerging Nations (FEN)  
 Scholarships for emerging countries  
 Five new IFCC Distinguished Awards and IFCC Medals  
 Promotion of Young Scientists through the Task Force  
 Two new Federations – AFCC and NAFCC  
 New Emerging Technologies Division

### President

K. Adeli (CA)	2020 - 2023
M. Ferrari (IT)	2019 - 2020
H. Morris (AU)	2018 - 2019
M. Ferrari (IT)	2015 - 2017
GH. Beastall (UK)	2009 - 2014
JMB. Hicks (US)	2006 - 2008
MM. Müller (AT)	2000 - 2005

### President-elect

K. Adeli (CA)	2020
H. Morris (AU)	2017

### Vice President

H. Morris (AU)	2012 - 2014
CWK. Lam (HK)	2009 - 2011
V. Palicka (CZ)	2006 - 2008
CA. Burtis (US)	2000 - 2005

### Secretary

D. Kinniburgh (CA)	2018 - 2020
S. Bernardini (IT)	2012 - 2017
PH. Laitinen (FI)	2006 - 2011
R. Bais (AU)	2000 - 2005

### Treasurer

T. Ozben (TR)	2015 - 2020
B. Gouget (FR)	2012 - 2014
G. Shannan (SY)	2006 - 2011
JMB. Hicks (US)	2003 - 2005
P. Mocarelli (IT)	1997 - 2002

### Members of Executive Board

RI. Sierra-Amor (MX)	2015 - 2020
D. Mazziotta (AR)	2015 - 2016
V. Steenkamp (ZA)	2012 - 2017
L. Kricka (US)	2012 - 2014
U. Tuma (BR)	2009 - 2014
B. Gouget (FR)	2009 - 2011
JB. Lopez (MY)	2006 - 2011
M. Thomas (UK)	2006 - 2008
D. Mazziotta (AR)	2003 - 2008
V. Palicka (CZ)	2003 - 2005
CWK. Lam (HK)	2000 - 2005
RI. Sierra Amor (MX)	1997 - 2002

### Corporate Representatives

R. Hinzmann (DE)	2015 - 2020
T. Brinkmann (DE)	2009 - 2014
N. Madry (DE)	2006 - 2008
H. Wetzel (DE)	2003 - 2005
W. Hölzel (DE)	2000 - 2002



# IFCC

## COOPERATION WITH INTERNATIONAL ORGANISATIONS



American Diabetes Association (ADA)



Bureau International des Poids et Mesures (BIPM)



Centers for Disease Control and Prevention (CDC)



Clinical Laboratory Management Association (CLMA)



Clinical and Laboratory Standards Institute (CLSI)



Council of International Organisations of Medical Sciences (CIOMS)



Consultative Committee for Amount of Substance:  
Metrology in Chemistry and Biology (CCQM)



European Association for the Study of Diabetes: (EASD)



European Commission Joint Research Centre (EC-JRC)



European Committee for Standardisation (CEN)



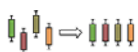
European Diagnostic Manufacturers Association (EDMA)



International Association for Therapeutic Drug Monitoring and Clinical Toxicology  
(IATDMCT)



International Committee for Standardisation in Haematology (ICSH)



International Consortium for Harmonisation of Clinical Laboratory Results (ICHCLR)



International Organization for Standardization (ISO)

## IFCC Cooperation with International Organisations



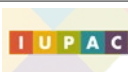
International Osteoporosis Foundation (IOF)

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International Laboratory Accreditation Cooperation (ILAC)

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International Union of Pure and Applied Chemistry (IUPAC)

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International Union of Biochemistry and Molecular Biology (IUBMB)

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International Society for Thrombosis and Haemostasis (ISTH)

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Joint Committee on Traceability in Laboratory Medicine (JCTLM)

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Joint Committee for Guides in Metrology (JCGM)

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National Institute for Biological Standards and Control (NIBSC)

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National Institute of Diabetes and Digestive and Kidney Diseases (NIH)

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National Kidney Disease Education Program (NKDEP)

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National Institutes for Food and Drug Control (NIFDC)

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National Institute of Standards and Technology (NIST)

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World Association of Societies of Pathology and Laboratory Medicine (WASPaLM)

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World Health Organization (WHO)

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# IFCC DISTINGUISHED AWARDS AND MEDALS

## IFCC Awards and Recipients

### IFCC Distinguished Clinical Chemist Award

12.01.01

This award recognises an individual who has made outstanding contributions to the science of Clinical Chemistry and Laboratory Medicine, or the application of Clinical Chemistry to the understanding or solution of medical problems.

2002	C.N. Hales (UK)	2005	G.M. Siest (FR)	2008	D.S. Young (US)
2011	U.H.E. Stenman (FI)	2014	M.J. McQueen (CA)	2017	DYM Lo (HK)
2020	N. Rifai (US)				

### IFCC Distinguished International Services Award (1981-1987) IFCC-Wishinsky Award for Distinguished International Service (Since 1990)

12.01.02

This award honours an individual who has made unique contributions to the promotion and understanding of Clinical Chemistry and Laboratory Medicine throughout the world.

2002	O. Zinder (IL)	2005	J.H. Ladenson (US)	2008	D. Burnett (UK)
2011	C.A. Burtis (US)	2014	R. Dufour (US)	2017	J. Hicks (US)
2020	G. Shannan (SY)				

### IFCC Award for Distinguished Contributions in Education

12.01.03

This award honours an individual who has made extraordinary contributions in establishing and developing educational materials for our discipline to improve training and educational programmes worldwide or in a region.

2002	J.B. Henry (US)	2005	W.J. Marshall (UK)	2008	N. Tietz (US)
2011	M.F. Burritt (US)	2014	C.A. Burtis (US)	2017	N. Rifai (US)
2020	T. Annesley (US)				

### IFCC Award for Significant Contributions in Molecular Diagnostics

12.01.04

This award honours an individual who has made unique contributions to the promotion and understanding of molecular biology and its application in Clinical Chemistry and Laboratory Medicine worldwide.

2002	L. Peltonen (FI)	2003	R.M. Bertina (NL) P.H. Reitsma (NL)	2004	M. Ferrari (IT)
2005	C.T. Wittwer (US)	2006	Y.M.D. Lo (HK)	2007	U. Landegren (SE)
2008	O. Kallioniemi (FI)	2009	E. Diamandis (CA)	2010	G. Tsongalis (US)
2011	M. Neumaier (DE)	2014	F. Barany (US)	2017	S. Branford (AU)
2020	A. Ferreira-Gonzalez (US)				

### IFCC Distinguished Award for Laboratory Medicine and Patient Care

12.1.01.05

This award honours an individual who has made unique contributions in Laboratory Medicine, its application in improving patient care, and having a worldwide impact in clinical medicine.

2008	C.W.K. Lam (HK)	2011	R. A. Wanders (NL)	2014	M. Plebani (IT)
2017	E. Diamandis (CA)	2020	D.B. Sacks (US)		

**IFCC-Robert Schaffer Award for Outstanding Achievements in the Development of Standards for Use in Laboratory Medicine**

12.01.06

This award honours an individual who has made outstanding and unique contributions to the advancement of reference methods and/or reference materials for Laboratory Medicine to facilitate improved quality of clinical diagnostics and therapies, which would in turn lead to reduced costs and improved patient care.

2008 L. Siekmann (DE)      2011 L. Thienpont (BE)      2014 W.G. Miller (US)  
2017 M.M. Müller (AT)      2020 G.L. Myers (US)

**IFCC Young Investigator Award**

12.01.07

This award recognises and encourages the academic and professional development of a young investigator (under 40 years of age) who has demonstrated exceptional scientific achievements in Clinical Chemistry and Laboratory Medicine early in his/ her career.

2011 R.W.K. Chiu (HK)      2014 G. Baird (US)      2017 R. Shrestha (NP)  
2020 L.S. Eberlin (US)

**IFCC Distinguished Award for Contributions to Cardiovascular Diagnostics**

12.01.08

This award honours an individual who has undertaken remarkable scientific work with cardiac markers or immunodiagnostic applications to improve cardiac disease diagnosis. It has been presented for the first time on occasion of the WorldLab Congress held in Durban in 2017.

2017 J.H. Ladenson (US)      2020 F. S. Apple (US)

**IFCC-G rard Siest Young Scientist Award for Distinguished Contributions in Pharmacogenetics**

12.01.09

This award recognises an outstanding young investigator or young leader (under 40 years of age) for his/her contribution to advancing the scientific discipline of pharmacogenomics and Personalised/Precision Medicine and/or its impact on research, development, standardisation, quality management, regulatory evaluation or utilisation in therapy. The award will be presented for the first time on occasion of the WorldLab Congress to be held in Seoul in 2020.

2020 J.B. Woillard (FR)

**IFCC Distinguished Women Scientist Award for Contribution to In Vitro Diagnostics**

12.01.10

This award recognises a woman who has made significant contributions to the development or utilisation of In Vitro Diagnostics with emphasis on applications in primary healthcare. The award will be presented for the first time on occasion of the WorldLab Congress to be held in Seoul in 2020.

2020 S. Quijano (CO)

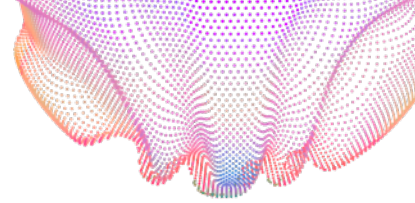
**IFCC Medal for Outstanding Service**

In 2017, the IFCC EB decided to introduce the "IFCC Medal for Outstanding Service" to award individuals in recognition of sustained service to IFCC at the highest level in promoting the international practice of clinical chemistry and laboratory medicine.

**Recipients:**

Prof. Paivi H. LAITINEN (FI)  
Prof. Paolo MOCARELLI (IT)

Dr. Cas WEYKAMP (NL)  
Prof. Daniel MAZZIOTTA (AR) - in memory.



# TASK FORCES

The Task Forces (TF) were established at the initiative of Prof MM Müller. They report directly to EB. A TF is addressing a topic that did not fit into any of the Divisions and is treated in the same way as Committees. Some TFs were introduced because they had often a clinical aim and IFCC still does not have a Clinical Division. Graham H. Beastall during his Presidency acted as direct liaison with the TFs. In 2018, the EB decided to rationalise their number and reintegrated the majority of them into the four Divisions.

## Chairs 2002-2020

<b>Task Force on Ethics (TF-E)</b>			<b>13.01.01</b>
N. Fink	AR	2018 - 2020	
A. Gronowski	US	2014 - 2017	
D. Bruns	US	2008 - 2013	
L. Burnett	AU	2002 - 2008	
<b>Task Force on Pediatric Laboratory Medicine (TF-PLM)</b>			<b>13.01.02</b>
In 2018, it became an ETD Committee, C-ETPLM (Emerging Technologies in Pediatric Laboratory Medicine)			
M. Metz	AU	2015 - 2017	
V.L. Grey	CA	2012 - 2014	
K. Kohse	DE	2006 - 2011	
<b>Task Force on Pharmacogenetics (Integrated Project) - (TF-PG)</b>			<b>13.01.03</b>
In 2018, it was merged with existing SD Committee on Molecular Diagnostics (C-MD)			
M. Linder	US	2017	
R. Van Schaik	NL	2008 - 2015	
<b>Task Force on Chronic Kidney Disease (Integrated Project) - (TF-CKD)</b>			<b>13.01.04</b>
In 2018, it became an EMD Committee, C-KD C- Kidney Disease			
F. Alcantara	BR	2014 - 2017	
G. Jones	AU	2008 - 2013	
<b>Task Force on Implementation of HbA1c Standardisation (Integrated Project)-(TF-HbA1c)</b>			<b>13.01.05</b>
This TF was closed in 2016			
G. John	UK	2009 - 2014	
<b>Task Force for Young Scientists (TF-YS)</b>			<b>13.01.06</b>
S. Fare-Taie	AR	2020 - 2022	
P. Kumar Dabla	IN	2014 - 2019	
G. Ko	FR	2013	
D. Gruson	BE	2010 - 2012	

## Chairs 2002-2020

<b>Task Force on Clinical Applications of Cardiac Bio-Markers (TF-CB)</b>		<b>13.01.07</b>
In 2018, it became an EMD Committee, C-CB		
F. Apple	US	2016 - 2017
J. Ordoñez-Llanos	ES	2011 - 2016
<b>Task Force on Point of Care Testing (TF-PoCT)</b>		<b>13.01.08</b>
In 2018, it became an EMD Committee, C-PoCT		
R. Tirimacco	AU	2012 - 2017
Working Group on "How should Glucose Meters be Evaluated for Critical Care - (WG-GMECC)" under the responsibility of the TF-POCT		
C. Bowman	US	2013 - 2019
<b>Task Force on the Impact of Laboratory Medicine on Clinical Management and Outcomes (TF-ICO)</b>		<b>13.01.09</b>
This TF was closed in 2014		
M. Hallworth	UK	2012 - 2014
<b>Task Force on Proficiency Testing (TF-PT)</b>		<b>13.01.11</b>
in 2018 became an EMD Committee, C-PT		
A. Haliassos	GR	2014 - 2018
<b>Task Force on History</b>		<b>13.01.12</b>
MM. Müller	AT	2019 -2021
B. Gouget	FR	2019 -2021
P. Wilding	US	2013 -2015
<b>Task Force for Geriatric Laboratory Medicine (TF-GLM)</b>		<b>13.01.13</b>
In 2018, it became an ETD Committee		
C. Bailon	CA	2016 - 2017
<b>Task Force "IFCC-CLMA" Project on Leadership (TF IFCC-CLMA)</b>		<b>13.01.14</b>
This TF was closed in 2016		
L. Kricka	US	2014 - 2016
<b>Task Force Corporate Members (TF-CM)</b>		<b>13.01.15</b>
J. Passarelli	US	2019-2021
<b>Task Force on COVID-19</b>		<b>13.01.16</b>
G. Lippi	IT	2020-2022
<b>Task Force on International Clinical Liaison (TF- ICL)</b>		<b>13.11.00</b>
This TF was closed in 2011		
I. Watson	UK	2009 - 2011
<b>Task Force of the Global Campaign of Diabetes Mellitus</b>		<b>13.06.00</b>
This TF was closed in 2008		
S. Sandberg	NO	2003-2008

# CONGRESSES AND CONFERENCES COMMITTEE (C-CC)

The Congress and Conference Division (CCD) was founded in 1996. In December 2007, the Division became the Committee on Congresses and Conferences. The C-CC has the major administrative and managerial responsibility for all meetings coordinated by the IFCC.

The C-CC mission is to provide general administration and management of all IFCC meeting activities (congresses, conferences, symposia) and to review applications for IFCC auspices from non-IFCC conferences requesting such sponsorship.

## C-CC Executive Committee (C-CC-EC)



*From left to right: T. Zima, M. Blanes Gonzales, J. Wesenberg, H. Martin, W. Fang, S. Cardinale*

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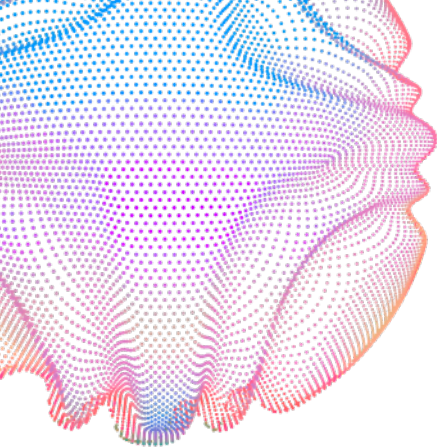
<b>Chair:</b>	<b>James Wesenberg (CA)</b>	<b>2015 – 2020</b>
<b>Members:</b>	<b>Montserrat Blanes Gonzáles (PY)</b>	<b>2018 – 2020</b>
	<b>Päivi Laitinen (FI)</b>	<b>2020 – 2022</b>
<b>Corporate Representative:</b>	<b>Cheryl Jackson (US)</b>	<b>2018 – 2020</b>
<b>Corresponding Members:</b>	<b>Woei Horng-Fang (TW)</b>	
	<b>Helen Martin (AU)</b>	
	<b>Antonio Buto Soto (ES)</b>	
	<b>Alejandra Cano Huizar (MX)</b>	
	<b>July Kumalawati (ID)</b>	

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### C-CC Past Chairs:

<b>T. Ozben (TR)</b>	<b>2008 – 2014</b>
<b>A. Fraser (CA)</b>	<b>2005 – 2007</b>
<b>L. Viinikka (FI)</b>	<b>2003 – 2004</b>

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## INTERNATIONAL AND REGIONAL CONGRESSES



International Congresses of Clinical Chemistry and Laboratory Medicine (ICCLM)-WorldLab				7.2
XXV	Rome	IT	2023	
XXIV	Seoul	KR	2021	
XXIII	Durban	ZA	2017	
XXII	Istanbul	TR	2014	
XXI	Berlin	DE	2011	
XX	Fortaleza	BR	2008	
XIX	Orlando	US	2005	
XVIII	Kyoto	JP	2002	
Regional Congresses of Clinical Chemistry and Laboratory Medicine (RCCCLM)				7.3
Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB)				7.3.1
XVI	Sydney	AU	2022	
XV	Jaipur	IN	2019	
XIV	Taiwan	TW	2016	
XIII	Bali	ID	2013	
XII	Seoul	KR	2010	
XI	Beijing	CN	2007	
X	Perth	AU	2004	



<b>European Federation of Clinical Chemistry and Laboratory Medicine - EuroMedLab</b>				<b>7.3.2</b>
XXV	Rome	IT	2023	
XXIV	Munich	DE	2021	
XXIII	Barcelona	ES	2019	
XXII	Athens	GR	2017	
XXI	Paris	FR	2015	
XX	Milan	IT	2013	
XIX	Berlin	DE	2011	
XVIII	Innsbruck	AT	2009	
XVII	Amsterdam	NL	2007	
XVI	Glasgow	UK	2005	
XV	Barcelona	ES	2003	
<b>Latin American Confederation of Clinical Biochemistry (COLABIOCLI)</b>				<b>7.3.4</b>
XXV	León	MX	2022	
XXIV	Panama	PA	2019	
XXIII	Punta del Este	UY	2017	
XXII	Quito	EC	2015	
XXI	Lima	PE	2013	
XX	Punta Cana	DO	2011	
XIX	Santiago del Chile	CL	2010	
XVIII	Panama	PA	2007	
XVII	Asunción	PY	2006	
XVI	San José	CR	2003	
<b>Arab Federation of Clinical Biology (AFCB)</b>				<b>7.3.6</b>
XVI	Beirut	LB	2021	
XV	Ramallah	PA	2018	
XIV	Khartoum	SD	2015	
XII	Marrakech	MA	2012	
XII	Beirut	LB	2009	
XI	Damascus	SY	2006	
X	Monastir	TN	2004	
<b>African Federation of Clinical Chemistry (AFCC)</b>				<b>7.3.7</b>
VI	Lusaka	ZM	2021	
V	Marrakech	MA	2019	
IV	Durban	ZA	2017	
III	Harare	ZW	2015	
II	Nairobi	KE	2011	
I	Ibadan	NG	2009	

# SCIENTIFIC DIVISION

The SD mission is to advance the science of Clinical Chemistry and Laboratory Medicine. The strategic goals are to identify research areas in Laboratory Medicine and to assist the transfer of results to the profession. SD provides solutions and guidelines to identify technological problems in current practice; develops reference measurement methods and releases reference materials for standardisation; establishes networks of reference laboratories; supports scientific and technical needs of Member Societies and Corporate Members.

## SD Executive Committee (SD-EC)



Left to right: P. Bramati, K. Makris, B. Das, P. Gillery, C. Cobbaert, J. Passarelli, K. Phinney, I. Young, G. Miller, H. Schimmel

<b>Chair:</b>	<b>Philippe Gillery (FR)</b>	<b>2017-2022</b>
<b>Vice Chair:</b>	<b>Christa M. Cobbaert (NL)</b>	<b>2017-2022</b>
<b>Secretary:</b>	<b>Joseph Passarelli (US)</b>	<b>2018-2020</b>
<b>Members:</b>	<b>Barnali Das (IN)</b>	<b>2018-2020</b>
	<b>Konstantinos Makris (GR)</b>	<b>2017-2022</b>
	<b>Mario Plebani (IT)</b>	<b>2017-2022</b>
<b>Corporate Representative:</b>	<b>Michael Rottmann (DE)</b>	<b>2020-2022</b>

### Consultants/Observers:

ICHCLR Observer:	<b>Greg Miller (US)</b>
JCTLM Chair/SD Consultant:	<b>Ian Young (UK)</b>
JRC Observer/European Commission:	<b>Heinz Schimmel (BE)</b>
NISBC Consultant:	<b>Chris Burns (UK)</b>
NIST Consultant:	<b>Karen Phinney (US)</b>

### SD Past Chairs:

<b>Ian Young (UK)</b>	<b>2011 - 2016</b>
<b>Mauro Panteghini (IT)</b>	<b>2006 - 2010</b>
<b>Jean-Claude Forest (CA)</b>	<b>1999 - 2005</b>

## SD Committees

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

8.2.6

in collaboration with International Union of Pure and Applied Chemistry (IUPAC)

**Chair**

K. Toska NO 2018 - 2020

**Past Chairs**

R. Flatman AU 2012 - 2017

F. Pontet FR 2006 - 2011

U. Forsum SE 2003 - 2005

**Molecular Diagnostics (C-MD)**

8.2.11

**Chair**

P. Ahmad Nejad DE 2019 - 2020

**Past Chairs**

D. Payne US 2013 - 2018

M. Pazzagli IT 2010 - 2012

F. Rousseau CA 2004 - 2009

C. Mannhalter AT 2002 - 2004

**Plasma Proteins (C-PP)**

8.2.13

This Committee was closed in 2010

**Chair**

G. Merlini IT 2004 - 2010

**Past Chair**

M. Johnson US 2001 - 2003

**Standardisation of Markers of Cardiac Damage (C-SMCD)**

8.2.19

Joint activity with AACC. This Committee was closed in 2009

**Chair**

F. Apple US 2004 - 2009

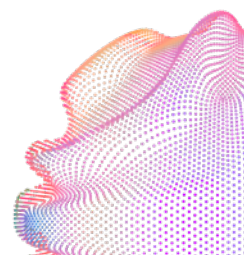
**Standardisation of Coagulation Tests (C-SCT) in collaboration with ISTH**

8.2.20

This Committee was closed in 2005

**Chair**

C. Jackson US 2003 - 2005



## SD Committees

### Reference Systems of Enzymes (C-RSE)

8.2.21

This Committee was closed in 2016

#### Chair

F. Ceriotti IT 2010 - 2016

#### Past Chairs

G. Schumann DE 2004 - 2009

L. Siekmann DE 2003 - 2005

### Point of Care testing (C-POCT)

8.2.22

This Committee was closed in 2009

#### Chair

A. Okorodudu US 2006 - 2008

#### Past Chair

W.R. Külpmann DE 2004 - 2006

### Traceability in Laboratory Medicine (C-TLM)

8.2.23

#### Chair

A. Kessler DE 2018 - 2020

#### Past Chairs

L. Siekmann DE 2013 - 2018

A. Kessler DE 2007 - 2012

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

8.2.24

#### Chair

Y. Ozarda TR 2016 - 2021

#### Past Chairs

K. Ichihara JP 2010 - 2015

F. Ceriotti IT 2005 - 2009

### Standardisation of Thyroid Function Tests (C-STFT)

8.2.25

This Committee was created from WG-STFT in 2012

#### Chair

H. Vesper US 2018 - 2020

#### Past Chair

L. Thienpont BE 2012 - 2017

### Harmonisation of Autoimmune Tests (C-HAT)

8.2.26

This Committee was created from WG-HAT in 2017

#### Chair

J. Sheldon UK 2017 - 2019

### Bone Metabolism (C-BM)

8.2.27

This Committee was created from WG-HAT in 2019

#### Chair

E. Cavalier BE 2019-2021

## SD Working Groups

**Selective Electrodes and Biosensors (WG-SEB)**

8.3.3

This Working Group closed in 2009

**Chair**

A. Lewenstam FI 2006 - 2008

**Past Chair**

W.R. Külpmann DE 2001 - 2005

**Reference methods for apolipoproteins (WG-MA)**

8.3.8

This Working Group closed in 2009

**Chair**

G. Myers US 2004 - 2009

**Standardisation of human chorionic gonadotropin (WG-SHCG)**

8.3.16

This Working Group closed in 2009

**Chair**

C. Sturgeon UK 2003 - 2008

**Standardisation of Lp(a) (WG-Lp(a))**

8.3.18

This Working Group closed in 2003

**Chair**

A. Steinmetz DE 1998 - 2003

**Standardisation of Hb (WG-HbA1c)**

8.3.19

This Working Group closed in 2009 and transformed in "Task Force on Implementation of HbA1c Standardisation - Integrated Project (TF-HbA1c)"

**Chair**

G. John UK 2007 - 2009

**Past Chair**

K. Miedema NL 2002 - 2006

**Nanotechnology (WG-NT)**

8.3.24

This Working Group closed in 2006

**Chair**

L. Kricka US 2003 - 2005

**Laboratory Practice Guidelines on Monitoring Immunosuppressive Drugs (WG-MID)**

8.3.29

Joint activity with IATDMCT. This Working Group closed in 2006

**Chair**

D. Holt UK 2003 - 2006

**Standardisation of Total Plasma Homocysteine Measurement (WG-SHM)**

8.3.30

This Working Group closed in 2005

**Chair**

E. Rossi AU 2002 - 2005

**Standardisation of Thyroid function tests WG-STFT**

8.3.33

This WG was transformed into C-STFT in 2012

**Chair**

L. Thienpont BE 2005 - 2011

**Past Chair**

C. Ronin FR 2002 - 2004

## SD Working Groups

### Standardisation of Hemoglobin A2 (WG-HbA2) - Joint WG IFCC-ICSH 8.3.35

#### Chair

A. Mosca IT 2017 - 2022

#### Past Chairs

R. Paleari IT 2010 - 2016

A. Mosca IT 2004 - 2009

### Carbohydrate-Deficient Transferrin (WG-CDT) 8.3.36

#### Chair

J. Deenmamode UK 2018 - 2020

#### Past Chairs

PM Wielders NL 2015 - 2017

F. Schellenberg FR 2011 - 2013

A. Helander SE 2005 - 2010

### Standardisation of Cystatin C (WG-SCC) 8.3.37

This Working Group closed in 2011

#### Chair

A. Grubb SE 2005 - 2011

### Standardisation of Glomerular Filtration Rate Assessment (WG-GFRA) 8.3.38

This Working Group closed in 2011

#### Chair

N. Greenberg US 2006 - 2011

### Standardisation of Albumin Assay in Urine (WG-SAU) 8.3.39

in collaboration with National Kidney Disease Education Program (NKDEP)

#### Chair

J. Seegmiller US 2020 - 2022

#### Past Chairs

G. Miller US 2008 - 2013

M. McQueen CA 2005 - 2007

### Standardisation of Pregnancy-Associated Plasma Protein A (WG-PAPP A) 8.3.40

#### Chair

S. Wittfooth FI 2015 - 2020

#### Past Chairs

K. Pettersson FI 2008 - 2013

K. Spencer UK 2006 - 2008

### Growth Hormone (WG-GH) 8.3.41

This WG was closed from 2012 to 2016

#### Chair

E. Lentjes NL 2020-2022

#### Past Chair

M. Bidlingmaier DE 2006-2011

**Standardisation of Insulin Assays (WG-SIA)**

8.3.42

in collaboration with American Diabetes Association (ADA) and European Association for the Study of Diabetes (EASD)

**Co-Chairs**

M. Steffes US

J. Seegmiller US

**Standardisation of Troponin I (WG-TNI)**

8.3.43

**Chair**

R. Christenson US 2018 - 2022

**Past Chairs**

D. Bunk US 2015 - 2017

J. Tate AU 2008 - 2014

**Allowable Errors for Traceable Results (WG-AETR)**

8.3.44

This WG was closed in 2013

**Chair**

R. Bais AU 2010 - 2013

**Harmonisation of Autoantibody Tests (WG-HAT)**

8.3.45

This WG was transformed into C-HAT in 2017

**Chair**

J. Sheldon UK 2010 - 2016

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

8.3.46

This Working Group was transformed in "Task Force on Point of Care Testing (TF-POCT)" in 2012

**Chair**

R. Tirimacco AU 2010 - 2012

**Clinical Quantitative Mass Spectrometry Proteomics (WG-cMSP)**

8.3.47

This WG was closed from 2016

**Chair**

S. Lehmann FR 2011 - 2016

**Parathyroid Hormone (WG-PTH)**

8.3.48

This WG merged in C-BM in 2019

**Chair**

C. Sturgeon UK 2012 - 2018

**CSF-Proteins (WG-CSF)**

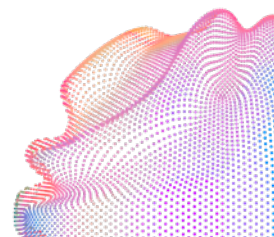
8.3.49

**Chair**

J. Gobom SE 2018 - 2020

**Past Chair**

K. Blennow SE 2012 - 2017



## SD Working Groups

**Standardisation of Bone Marker Assays (WG-SBMA)** 8.3.50  
in collaboration with IOF. This WG merged in C-BM in 2019

**Chair**

E. Cavalier BE 2018 - 2020

**Past Chair**

H. Morris AU 2012 - 2017

**Commutability in Metrological Traceability (WG-CMT)  
until Dec 2019 Commutability (WG-C)** 8.3.51

**Chair**

G. Miller US 2013 - 2022

**Immunosuppressive Drugs (WG-ID)** 8.3.53

**Chair**

C. Seger CH 2018 - 2020

**Apolipoproteins by Mass Spectrometry (WG-APO MS)** 8.3.54

**Chair**

C. Cobbaert NL 2020 - 2022

**Pancreatic Enzymes (WG-PE)** 8.3.55

**Chair**

D. Grote-Koska DE 2020 - 2022

**Fecal Immunochemical Testing (WG-FIT)** 8.3.56

**Chair**

S. Benton UK 2020 - 2022

**Cell free DNA and related circulating biomarkers (WG-cfDNA)** 8.3.57

**Chair**

R. van Schaik NL 2018 - 2020

**WG on Procalcitonin (WG-PCT)** 8.3.58

**Chair**

V. Delatour FR 2018 - 2020

**Vitamin D Standardisation Program (WG-Vit D)** 8.3.59  
This WG merged in C-BM in 2019

**Chair**

C. Sempos US 2018 - 2020

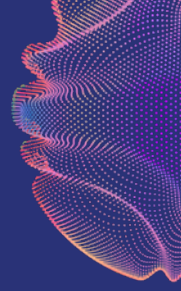
**Continuous Glucose Monitoring (WG-CGM)** 8.3.60

**Chair**

G. Freckmann DE 2019 - 2021



# SD GOLDEN ACHIEVEMENTS



**Prof. Jean-Claude Forest (2000 - 2005)**

Partnership with international organisations to improve standardisation.  
Implementation of the concept of metrological traceability in lab medicine.  
Realisation of reference measurement systems based on ISO standards.  
Creation of the Joint Committee for Traceability in Laboratory Medicine in June 2002 in collaboration with the "Bureau International des Poids et Mesures - BIPM" and the International Laboratory Accreditation Cooperation (ILAC).

HbA1c reference procedure for measurement of glycated haemoglobin accepted by International and European Diabetes Associations Organisation of the Bergmeyer Conference.

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**Prof. Mauro Panteghini (2006 - 2010)**

Development of reference methods and reference materials for measurands of clinical significance. Organisation of Bergmeyer and Ortho Diagnostics Conferences. New reference material on Plasma Proteins.  
Establishment of common reference intervals by means of multicentre studies, using IFCC reference methods.

Joint agreement between IFCC and clinical diabetes associations for HbA1c IFCC measurement procedures. Standardisation of Thyroid Function Tests.

Standardisation of Glomerular Filtration Rate Assessment in cooperation with the U.S. National Kidney Disease Education Program (NKDEP) based on enzymatic creatinine measurement.

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**Prof. Ian Young and Prof. Philippe Gillery (2011-2016 / 2017-2020)**

Establishing a Committee on bone metabolism gathering the activities previously performed in working groups on PTH, bone markers and vitamin D.

Focusing on Molecular Diagnostics & Pharmacogenomics.

New WGs on immunosuppressive drugs, cancer, continuous glucose monitoring, apolipoprotein, procalcitonin. European network of National Measurement Institutes (NMIs) through the call for European Metrology Programme for Innovation and Research (EMPIR) projects.

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In all cases, a close relationship was ensured with manufacturers, national metrology institutes and clinical societies.

Memorandum of understanding was established between IFCC and ICHCLR (previously Harmonisation initiative of the AACC).

**From 2002 to 2020 the Scientific Division, with its functional Units, published more than 100 publications. For more information refer to the IFCC website.**

# EDUCATION AND MANAGEMENT DIVISION

EMD provides IFCC members and the healthcare community with educational documents relevant to clinical chemistry and laboratory medicine, directed by scientific, clinical and managerial issues. The EMD Guidelines are bases of curricula in Laboratory Medicine globally.

## EMD Executive Committee (EMD-EC)



Left to right: A. Ziegler, N. Rifai, V. Steenkamp, S. Cardinale, L. Lai

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Chair:	Leslie Lai (MY)	2015 – 2020
Corp. Rep. and Secretary:	André Ziegler (CH)	2017 – 2019
Members:	Nader Rifai (US)	2018 – 2020
	Sedef Yenice (TR)	2020 – 2022
	Vanessa Steenkamp (ZA)	2018 – 2020

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### EMD Past Chairs:

Maurizio Ferrari (IT)	2012 – 2014
Janet Smith (UK)	2006 – 2011
Gerard Sanders (NL)	2000 – 2006

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## EMD Committees

**Clinical Molecular Biology Curriculum (C-CMBC)**

9.2.4

**Chair**

V.Haselmann	DE	2020 - 2022
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**Past Chairs**

E.Lianidou	GR	2014 - 2019
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M.Neumaier	DE	2008 - 2013
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M.Ferrari	IT	2002 - 2007
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**Analytical Quality (C-AQ)**

9.2.5

**Chair**

A.Thomas	UK	2017 - 2022
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**Past Chairs**

E.Amann	DE	2014 - 2016
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E.Amann co-chair	DE	2011 - 2013
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J.Jill co-chair	AU	2011 - 2013
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K.Sikaris	AU	2004 - 2009
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A.Uldall	DK	2001 - 2003
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**Evidence Based Laboratory Medicine (C-EBLM)**

9.2.7

**Chair**

A.Zemlin	ZA	2018 - 2022
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**Past Chairs**

C.Florkowski	NZ	2015 - 2017
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R.Christenson	US	2009 - 2014
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A.R. Horvath	HU	2003 - 2008
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**Education and Curriculum Development (C-ECD)**

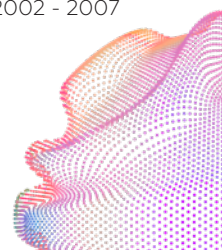
9.2.8

This Committee was closed in 2010

**Past Chairs**

P.Kocna	CZ	2008 - 2010
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L.Allen	CA	2002 - 2007
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## EMD Committees

<b>Clinical Laboratory Management (C-CLM)</b>			<b>9.2.9</b>
<b>Chair</b>			
P. Sharma	IN	2020 - 2022	
<b>Past Chairs</b>			
S.Yenice	TR	2014 - 2019	
J.Khran	CA	2012 - 2013	
E.Frank	IN	2008 - 2011	
W. de Kieviet	NL	2005 - 2007	
I.Wilkinson	CA	2003 - 2005	
<b>Distance Learning (C-DL)</b>			<b>9.2.10</b>
<b>Chair</b>			
L.Langman	US	2018 - 2022	
<b>Past Chair</b>			
J.Smith	UK	2012 - 2017	
<b>Education in the Use of Biomarkers in Diabetes (C-EUBD)</b>			<b>9.2.11</b>
<b>Chair</b>			
G.John	UK	2016 - 2021	
<b>Clinical Applications of Cardiac Bio-markers (C-CB)</b>			<b>9.2.12</b>
Previously Task Force on Clinical Applications of Cardiac Bio-markers			
<b>Chair</b>			
F.Apple	US	2018 - 2020	
<b>Kidney Disease (C-KD)</b>			<b>9.2.13</b>
Previously Task Force on Chronic Kidney Disease			
<b>Chair</b>			
F.Alcantara	BR	2018 - 2021	
<b>Point of Care Testing (C-POCT)</b>			<b>9.2.14</b>
Previously Task Force on Point of Care Testing			
<b>Chair</b>			
A.Khan	US	2019 - 2021	
<b>Past Chair</b>			
R.Tirimacco	AU	2018 - 2018	
<b>Proficiency Testing (C-PT)</b>			<b>9.2.15</b>
Previously Task Force on Proficiency Testing			
<b>Chair</b>			
A.Perret-Liaudet	FR	2020 - 2022	
<b>Past Chair</b>			
A.Haliassos	GR	2018 - 2019	
<b>Value Proposition for Laboratory Medicine (C-VPLM)</b>			<b>9.2.16</b>
<b>Chair</b>			
A.St.John	AU	2018 - 2020	

## EMD Working Groups

<b>Master in Clinical Laboratory Science, La Plata University Program (WG-MLS)</b>	9.3.1
This Working Group was closed in 2003	
<b>Chair</b>	
N.Fink	AR 2001 - 2003
<b>Laboratory Management of r-HuePO therapy (WG-EPO)</b>	9.3.4
This working Group was closed in 2006	
<b>Chair</b>	
L.Thomas	DE 2002 - 2006
<b>Reviewing Educational Materials (WG-REM)</b>	9.3.5
This Working Group was closed in 2005	
<b>Chair</b>	
B.Dufour	US 2003 - 2005
<b>Working Group on Distance Education (WG-DE)</b>	9.3.7
This Working Group was closed in 2006	
<b>Chair</b>	
D. Juretic	HR 2003 - 2006
<b>Laboratory Errors and Patient Safety (WG-LEPS)</b>	9.3.8
<b>Chair</b>	
M. Plebani	IT 2020 - 2022
<b>Past Chairs</b>	
L. Sciacovelli	IT 2014 - 2019
M. Plebani	IT 2007 - 2013
<b>Bone Markers Standards on Osteoporosis (WG-BMS)</b>	9.3.9
This Working Group was closed in 2011	
<b>Chair</b>	
S.Vasikaran	AU 2009 - 2011
<b>Cancer Genomics (WG-CG)</b>	9.3.9
This Working Group was closed in 2017	
<b>Chair</b>	
J.Park	US 2015 - 2017
<b>Harmonisation of Interpretive Comments EQA (WG-ICQA)</b>	9.3.10
<b>Chair</b>	
M.Turzyniecka	ZA 2020 - 2022
<b>Past Chair</b>	
S.Vasikaran	AU 2015 - 2018
<b>Personal Support (WG-PS)</b>	9.3.11
Previously Mentoring Programme for Developing Countries	
<b>Chair</b>	
G. H. Beastall	UK 2018 - 2020

## EMD Special Projects

### Visiting Lecturer Programme (VLP)

9.4.1

#### Chair

N.Rifai US 2018 - 2020

#### Past Chairs

E.Frank IN 2013 - 2017

L.Lai MY 2007 - 2013

M.Burritt US 2001 - 2006

### Flow Cytometry (WG-FC)

9.4.2

#### Chair

C.Lambert FR 2019 - 2021

#### Past Chairs

U.Sack DE 2011 - 2018

G.Rothe DE 2001 - 2011

### Developing Quality Competence in Medical Laboratories (DQCML)

9.4.3

#### Chair

E.Amann DE 2017 - 2022

#### Past Chair

M.Thomas UK 2010 - 2016

### Mentoring Programme (MENT)

9.4.4

This Special Project was closed in 2017

#### Chair

D.Young US 2015 - 2017

### IFCC-Abbott Visiting Lecturer Programme (VLP)

9.4.1



The IFCC-Abbott Visiting Lecturer Programme (VLP) is a programme to support international exchange of lecturers and aims to facilitate international educational exchanges within IFCC.

# EMD GOLDEN ACHIEVEMENTS

The traditional Visiting Lecture Programme for emerging countries was expanded by generous educational grant from Abbott during the recent years with the help of Jocelyn Hicks. In 2019, a total of 39 visiting lecturers, went abroad.

Development of a curriculum and comprehensive hands-on laboratory training courses in basic diagnostic molecular biology techniques initially provided in Italy by Maurizio Ferrari and expanded to other countries. From 2009, a keystone change in the Committee on Clinical Molecular Biology Curriculum (C-CMBC) Course concept was the “lab-in-a-suitcase” principle, aiming to bring the molecular techniques to the participants’ countries and to perform them in their every-day working environments.

Special training courses on Quality Competence for the emerging countries.

From 2002 to 2020 the Education and Management Division, with its functional Units, published 38 publications. For more information refer to the IFCC website.



# COMMUNICATIONS AND PUBLICATIONS DIVISION

The mission of CPD is to provide worldwide communications about the work of the IFCC to clinical laboratory professionals, physicians and health policy-makers, and to provide continuing education materials and services in printed and electronic forms. The Division is responsible for the IFCC website, the IFCC eAcademy, and the online publications: the eJournal (eJIFCC) and IFCC eNewsletter. Scientific documents are published in *Clinica Chimica Acta (CCA)* – the official scientific IFCC journal, and also with other publishers.

CPD is publishing educational tools, including scientific monographs. Important IFCC documents are also translated into languages other than English. The IFCC eAcademy is an open educational resource containing distance learning materials. The CPD is responsible for public relations activities.

## CPD Executive committee ( CPD-EC)



Left to right: M.C. Pasquel, K. Psarra, R. Erasmus, J. Grant, S. Colli Lanzi, T. Pillay, J. Kappelmayer, A. Newman, T. Ravalico, E. Freggiaro



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Chair:	Tahir Pillay (ZA)	2019 – 2021
Secretary & Publications Distance Learning Coordinator :	Eduardo Freggiaro (AR)	2017 – 2022
Vice Chair & IFCC eJournal Editor: eNewsletter Editor & eNews Flash Editor:	János Kappelmayr (HU)	2018 – 2020
Member & Public Relations Coordinator:	Katherina Psarra (GR)	2019 – 2021
Corporate Representative:	Rajiv Erasmus (ZA)	2019 – 2021
	Tricia Ravalico (US)	2018 – 2020

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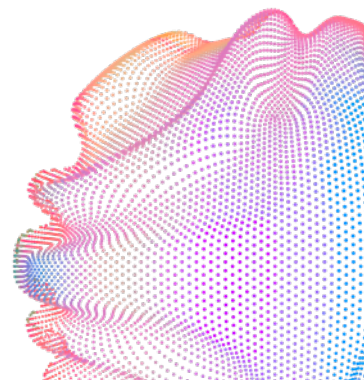
## CPD Past Chairs:

K. Adeli (CA)	2013 – 2018
E. Jacobs (US)	2007 – 2012
A. Wootton (AU)	2004 – 2006
B. Gouget (FR)	1998 – 2003

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Web Editor and IFCC App Coordinator:	D. Tocpu (TR)	2020 – 2022
	J. Grant (AU)	2014 – 2019
Social Media Coordinator:	R. Shrestha (NP)	2020 – 2022
Web Editor:	P. Vervaart (AU)	2011 – 2013
Editor of documents:	P. Lehman (US)	2001 – 2003

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## CPD Committees

### Public Relations (C-PR)

10.2.1

#### Chair

Rajiv Erasmus ZA 2019 - 2021

#### Past Chairs

E. Delvin CA 2013 - 2018

K. Adeli CA 2008 - 2013

### Internet and e-Learning (C-leL)

10.2.2

#### Chair

E. Freggiaro AR 2018 - 2020

#### Past Chair

P. Vervaart AU 2011 - 2016

## CPD Working Groups

### eJIFCC (ISSN number (1650-3414) and WG-eJIFCC

10.3.1

#### Chair & Editor eJIFCC

J. Kappelmayer HU 2018 - 2020

#### Past Chairs

GL. Kovács HU 2012 - 2017

G. Sypniewska PL 2006 - 2011

D. Williams UK 2001 - 2006

### 10.3.2. WG-IFCC News

10.3.2

#### News Editor

Katherina Psarra GR 2019 - 2021

#### Past Chairs

T.S. Pillay ZA 2013 - 2018

E. Delvin CA 2007 - 2012

E. Jacobs US 2001 - 2006

**Internet and Distance Learning (WG-IDL)**

10.3.3

This WG closed in 2011

**Chair**

T. Ta	VN	2009 - 2011
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**World Wide Web WG-WWW**

10.3.3

This WG closed in 2008

**Past Chairs**

G. Sypniewska	PL	2006 - 2008
C. Webster	UK	1999 - 2004

**Ibero-American Nomenclature and Translations (WG IANT)**

10.3.4

**Chair**

R. Girardi	AR	2020 - 2022
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**Past Chairs**

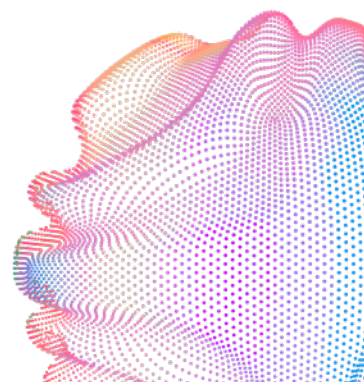
M. del Carmen Pasquel	EC	2014 - 2019
M. Blanes Gonzalez	PY	2008 - 2013
X. Fuentes-Arderiu	ES	2002 - 2008

**DiV Editor**

R. Girardi	AR	2020 - 2022
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**Past Editors**

M. del Carmen Pasquel	EC	2014 - 2019
M. Blanes Gonzalez	PY	2008 - 2013
X. Fuentes-Arderiu	ES	2002 - 2008



# CPD GOLDEN ACHIEVEMENTS

New IFCC Website with Content Management System  
Joint IFCC-Labs are Vital campaign  
IFCC Promotional Brochure in nine languages  
IFCC Speakers Bureau (2007)  
C-Public Relations and Siemens  
IFCC Distance Learning Program (2008)  
Spanish (Ibero-American) Nomenclature & Translations (RIA) (2010)  
IFCC on Facebook & LinkedIn (2011)  
eLearning Programme (2012)  
Clinica Chimica Acta (Elsevier) became official journal of the IFCC (2013)  
IFCC Tweeter profile and eNews Flash (2016)  
eJIFCC indexed in PubMed Central (PMC)(2016)  
IFCC Instagram account and IFCC App (2017)  
Monthly publication of IFCC eNews (2018)  
Fully Online eConferences  
Monthly WebCasts/Webinars Worldwide  
Member Surveys by all IFCC EB and all Divisions (SD, EMD, CPD, ETD)  
IFCC Curriculum development  
eAcademy as an open educational resource (<https://eacademy.ifcc.org/>)



From 2002 to 2020 the Communications and Publications Division, in addition to IFCC electronic publications, with its functional Units, published 17 publications. For more information refer to the IFCC website.

[www.ifcc.org](http://www.ifcc.org)

# EMERGING TECHNOLOGIES DIVISION

The IFCC Emerging Technologies Division (ETD) is a new Division founded in January 2018. The ETD is responsible for identifying and assessing emerging technologies such as mass spectrometry, high throughput genotyping techniques, mobile health and artificial intelligence and for translating the emerging and disruptive diagnostic and data analysis procedures from academic laboratories to clinical laboratories and from clinical laboratories to market. This division is also contributing to a better understanding of the impact of precision medicine, emerging area with tremendous potential in developing tailor-made preventive diagnostics, therapeutics, and management strategies based on an individual’s “omics” profiles.

## ETD Executive committee ( ETD-EC)



Left to right: B. Gouget, M. Ferrari, S. Bernardini, M. Roessler, T. Payne, R. Greaves, D. Gruson, L. Kricka, S. Colli Lanzi

<b>Chair:</b>	<b>S. Bernardini (IT)</b>	<b>2018 - 2020</b>
<b>Vice-Chair:</b>	<b>P. Fortina (US)</b>	<b>2018 - 2020</b>
<b>Secretary:</b>	<b>R. Greaves (AU)</b>	<b>2018 - 2020</b>
<b>Member:</b>	<b>D. Gruson (BE)</b>	<b>2018 - 2020</b>
<b>Corporate Members:</b>	<b>M. Roessler (DE)</b>	<b>2018 - 2020</b>
	<b>P. Yin (US)</b>	<b>2018 - 2020</b>
<b>Consultants:</b>	<b>M. Ferrari (IT)</b>	
	<b>L. Kricka (US)</b>	
	<b>H. Martin (AU)</b>	
	<b>J. Park (US)</b>	

## ETD Committees

<b>Emerging Technologies in Pediatric Laboratory Medicine (C-ETPLM)</b>	<b>11.02.01</b>
<b>Chair</b>	
T. Lang	UK 2018 - 2020
<b>Committee on Mobile Health and Bioengineering in Laboratory Medicine (C-MHBLM)</b>	<b>11.02.02</b>
<b>Chair</b>	
B. Gouget	FR 2018 - 2020
<b>Committee for Omics Translation (C-OT)</b>	<b>11.02.03</b>
<b>Chair</b>	
G. J. Tsongalis	US 2019 - 2021

## ETD Working Groups

<b>11.03.01 Volatolomics (WG-Vol)</b>	<b>11.03.01</b>
<b>Chair</b>	
L. Kricka	US 2019 - 2021
<b>11.03.02 WG Guidance for the implementation of custom-made genomic panels (WG-CGP)</b>	<b>11.03.02</b>
<b>Chair</b>	
J. Morrisette	US 2019 - 2021

# ETD GOLDEN ACHIEVEMENTS

Creation of an informed and empowered community of providers, innovators and changemakers from 28 countries to share expertise, collaborate over borders and foster innovation both individually and as a group for a better understanding of the cutting edge and emerging technologies.

Organisation of numerous innovative scientific networking events for building connections and matchmaking with startups, and industry at large.

Survey of the diagnostic applications of volatolomics.

Survey on m-Health to provide appropriate training opportunities to healthcare and lab professionals.

Promotion of digital health literacy and evaluation of the impacts for chronic diseases management as in cardiology.

Insights into the application of artificial intelligence and ethics in lab medicine.

**Principes publication:** Key questions about the future of laboratory medicine in the next decade of the 21st century: A report from the IFCC-Emerging Technologies Division". CCA 2019; Aug;495:570-589.

From 2018 to 2020 the Emerging Technologies Division, with its functional Units, published 3 publications.

# TASK FORCE YOUNG SCIENTISTS

The aim of TF-YS is to ensure that young scientists make a significant and growing contribution to the activities of IFCC. The objective is to identify young scientists (below 40) amongst IFCC community. They establish interactive networks to share experiences and to promote innovation and high quality scientific and clinical practice standards. Their participation in IFCC activities grants the future of IFCC.



Left to Right: S. Fares Taie, M. Lenski, G. Boursier, G. Lima Oliveira, P.K. Dabla, D. Gruson, O. Popoola, J.M. Bauçá Rosselló, D. Lee, M. Savkovic

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<b>Chair:</b>	<b>S. Fares Taie (AR)</b>	<b>2020 - 2022</b>
<b>Co-Chair:</b>	<b>G. Sancesario (IT)</b>	<b>2020 - 2022</b>
<b>Members:</b>	<b>J. El-Khoury (US)</b>	<b>2019 - 2021</b>
	<b>A. Rampul (ZA)</b>	<b>2019 - 2021</b>
	<b>I.W. Masfufa (ID)</b>	<b>2020 - 2022</b>
	<b>C. Imperiali (ES)</b>	<b>2020 - 2022</b>
<b>Consultants:</b>	<b>P. Kumar Dabla (IN)</b>	
	<b>D. Gruson (BE)</b>	
<b>EB Liaison:</b>	<b>T. Ozben (TR)</b>	
<b>SD Liaison:</b>	<b>B. Das (IN)</b>	

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## Past Chairs:

<b>P.K. Dabla (IN)</b>	<b>2014 - 2019</b>
<b>G. Ko (FR)</b>	<b>2013</b>
<b>D. Gruson (BE)</b>	<b>2010 - 2012</b>

# YS GOLDEN ACHIEVEMENTS

## COMPLIMENTARY EDUCATIONAL WEBINARS

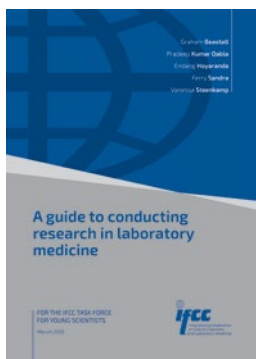


## IFCC-TFYS Educational Webinar Series



TFYS

## TF YS RESEARCH GUIDE



## A guide to conducting research in laboratory medicine

by Graham Beastall, Pradeep Kumar Dabla, Endang Hoyaranda, Ferry Sandra, Vanessa Steenkamp

The aim of this publication is to provide insight into the research process and an overview of the strengths and weaknesses of different research methods to young scientists at various levels of their profession and career.

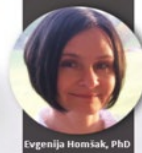
YS are on the social media [in](#) [f](#) [t](#) [@](#)

## RADIO EL MICROSCOPIO

Evgenija Homšak



PODCAST



Online radio (podcast) with professional news and interviews with the world's top scientists.

## LAB SURFING [www.lab-surfing.com](http://www.lab-surfing.com)

International community of Fellows, Residents, Researchers and Students in Laboratory Medicine.

FIND YOUNG SCIENTISTS AROUND THE WORLD.  
FEEL AT HOME WITH LOCALS.

lab surfing INTERNATIONAL COMMUNITY OF SCIENTISTS, RESIDENTS, FELLOWS AND STUDENTS IN LABORATORY MEDICINE.  
KNOWLEDGE COLLECTIVE CONSTRUCTION: [infobioquimica.org](http://infobioquimica.org)

Lab-Surfing is a Laboratory professional social media designed and created in order to fulfill the unattended needs of Young Scientists (YS)



# IFCC INITIATIVES FOR THE YS

## IFCC Professional Exchange Programmes ( PEP)



IFCC offers a small number of scholarships each year to facilitate professional exchange programmes for young scientists. IFCC has developed two categories of professional exchange programme: Professional Scientific Exchange Programme (PSEP), Professional Management Exchange Programme (PMEP)

## APFCB Scholarship Awardees with IFCC authorities



IFCC President, Prof. M. Ferrari, APFCB Congress President, Prof. P. Sharma, and representatives of the IFCC Task Force for Young Scientists among them.

Congratulations to: Yati Sumiyati (ID), Joseph Dian Bondu (IN Full), Ray Lopamudra (IN Aff), David Enoch Kawalya (KE), Nada Yousofi (TN), Itua Akhabue Igene (NG), Sangita Gimire (NP Full)



## Mentoring Programme



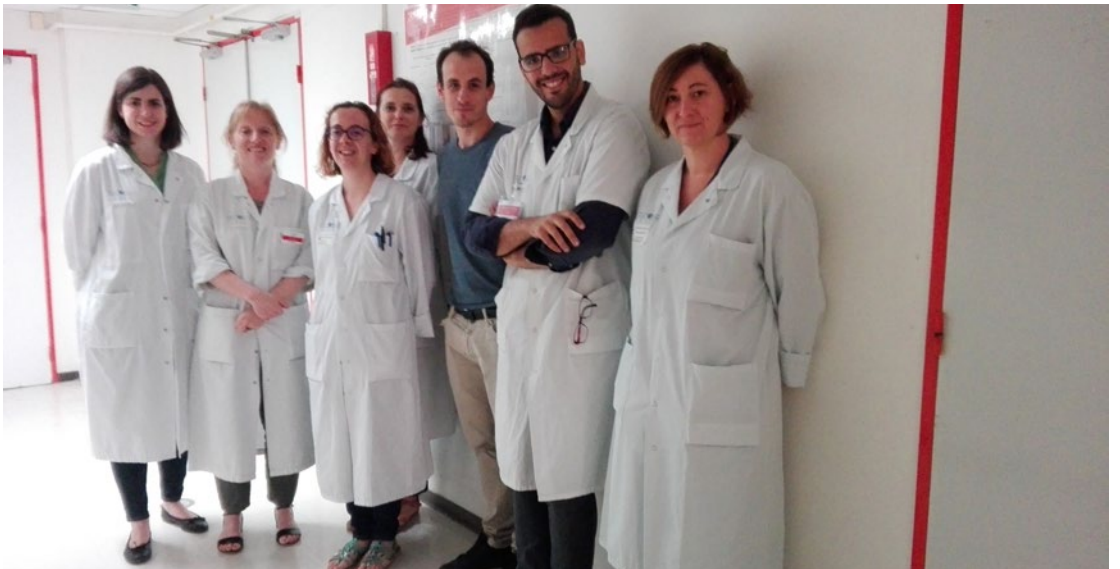
The Mentoring Program is designed to guide a mutual relationship between an experienced specialist in Lab Medicine (mentor) and a young scientist (mentee).

## AFCC Scholarship Awardees with IFCC authorities



Congratulations to: Eliane Zgheib (LB), Idris Yahaya Mohammed (NG), Lucius Chidiebere Imoh (NG), Dineo Valencia Mabuza (ZA), Mutale Mubanga (ZM).

## Professional Scientific Exchange Programme



March - May 2018, PSEP: Alba Alonso Llorente, at Prof Céline Verstuyft Pharmacogenetics Laboratory, in the Hôpital Bicêtre, at Le Kremlin Bicêtre, France

## COLABIOCLI IFCC and IFCC Roche Scholarship



COLABIOCLI Scholarships Reception with Awardees and, L-R: EB COLABIOCLI Representative, Dr. R.I. Sierra-Amor, IFCC President, Prof. M. Ferrari, IFCC Treasurer, Prof. T. Ozben  
Congratulations to: Alvaro Paul Justiniano Cortez (BO), Harlem Róterdam de León Natareno (GT), Patricia Elizabeth Osorio Pozo (EC), Carmen Maria Castro Ruiz (CO), Jorge Hernández-Bello (MX), Aurora Amarilla (PY)

## EuroMedLab Barcelona 2019 - IFCC Roche Scholarship



May 2019, IFCC ROCHE Travel Scholarship recipients group in Barcelona along with IFCC authorities and members of the IFCC TF-YS

# IFCC FOUNDATION FOR EMERGING NATIONS



The IFCC Foundation for Emerging Nations (FEN) is a non-profit making Charitable Trust established in 2016 under Swiss Law by the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC). The FEN is devoted to fund raising and to supporting programmes that help to improve the quality and delivery of laboratory medicine services, particularly in emerging nations.

## FEN Board of Directors

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Graham H Beastall (UK), Chair

Michelle Rossier (CH)

Thomas Brinkmann (DE)

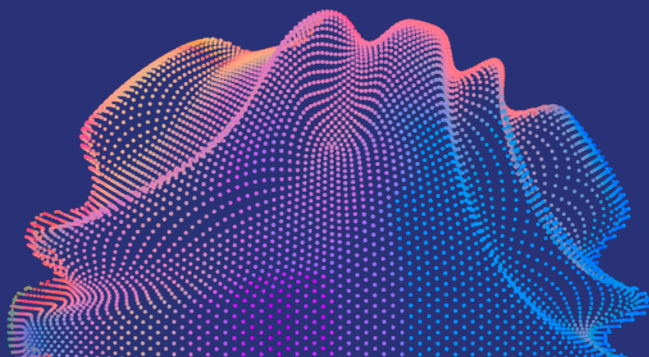
Lucia Monaco (IT)

Tomris Ozben (TR)

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## DONATIONS

Bank:	Credit Suisse, Geneva, Switzerland
Account Name:	IFCC Foundation for Emerging Nations
SWIFT code:	CRESCHZZ12A
IBAN:	CH33 0483 5158 8655 2100 0
Account number:	0251-1588655-21



## Projects supported by FEN:

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“Lab Surfing”: A resource to facilitate global exchange between young scientists (2016). “Lab Surfing” is a project designed by TF-YS and proposed by YS from Argentina, India and Nigeria.

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“Adopt a Professional”: Collaboration to support the training of laboratory medicine specialists. This project is a collaboration between the FEN and the Società Italiana di Biochimica Clinica e Biologia Molecolare Clinica (SIBioC) (2017-2018)

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“AFCC AfricaMedLab Internet Radio” (2017). The “El Microscopio” team (AR) are supporting the development of internet radio in Africa

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External assessment of proficiency of malaria microscopists and laboratory capacity in districts stratified for malaria elimination in Ethiopia (2017)

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The FEN-SNIBE “Support a Professional Programme” (2019) enabled Dr Sibtain Ahmed from Pakistan to spend three months in the laboratory of Prof Tomris Ozben in Antalya, Turkey. During this visit Dr Ahmed experienced specialist technologies and participated in the quality management system

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