

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

Title

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

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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»

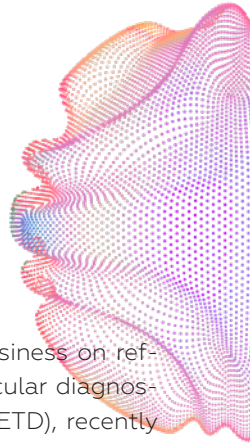
Bill Gates

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

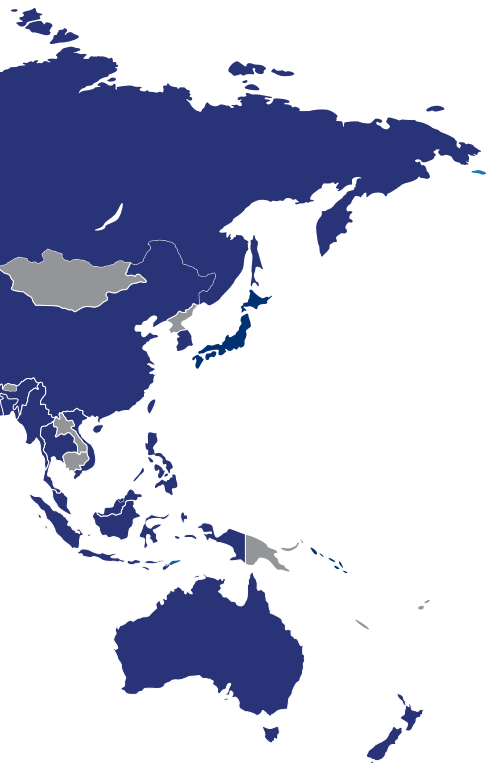


IFCC

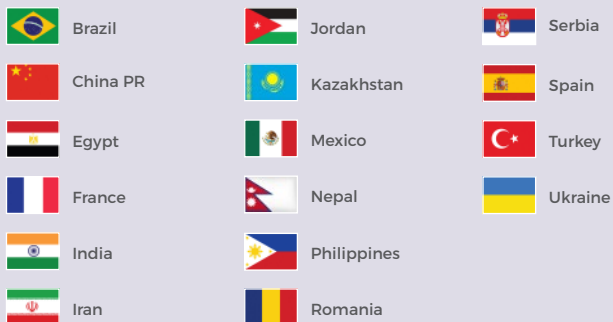
THE WORLDWIDE LEADING ORGANISATION

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)

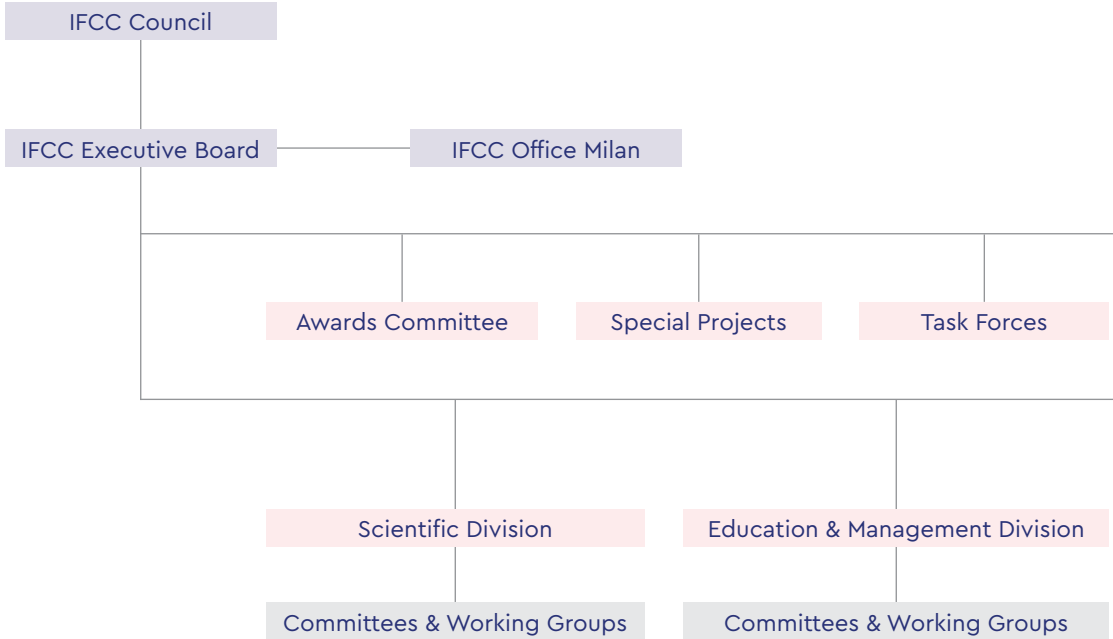


AFFILIATE MEMBERS





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.

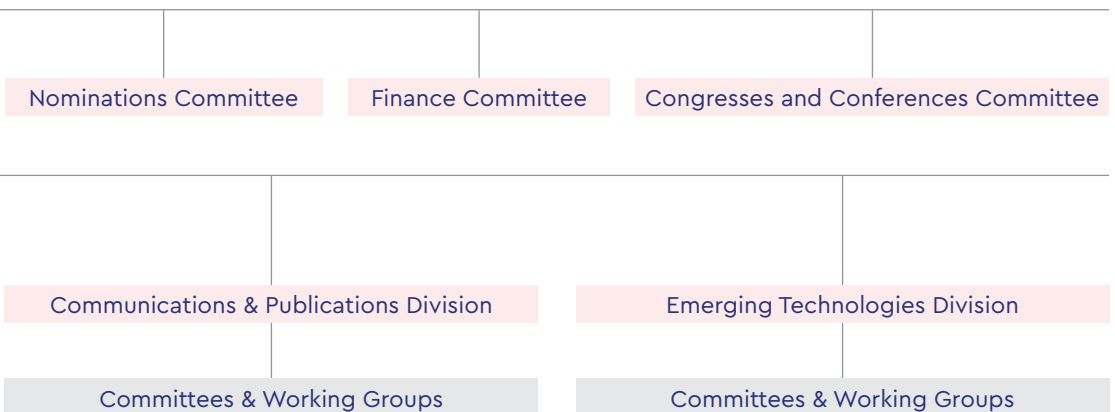
The IFCC relies very heavily on volunteers to run the organisation and to undertake its range of activities and programmes. The IFCC contains three Membership categories :

- 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



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



**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



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



**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



**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. Gronowski, 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

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

Australia and New Zealand (AU/NZ)

Australasian Association of Clinical Biochemists (AACB)
Dr. Peter Ward
www.aacb.asn.au

Austria (AT)

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

Belgium (BE)

Royal Belgian Society of Laboratory Medicine (RBSLM)
Prof. Dr. Joris Delanghe
www.rbslm.be

Bolivia (BO)

Sociedad Boliviana de Bioquímica Clínica
Dr. Alvaro Justiniano Grosz
www.sobobiocli.com

Bosnia Herzegovina (BA)

Association of Medical Biochemists in Bosnia-Herzegovina
Dr.Sci. Chem. Jozo Coric
www.umbbih.ba

Brazil (BR)

Sociedade Brasileira de Análises Clínicas (SBAC)
Dr. Maria Elizabeth Menezes
www.sbac.org.br

Bulgaria (BG)

Bulgarian Society of Clinical Laboratory Assoc. Prof. Dr. Yana Bocheva
www.bscl.eu

Canada (CA)

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

Chile (CL)

Sociedad Chilena de Química Clínica (SCHQC)
Dr. Eduardo Aranda
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

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

Chinese Association for Clinical Biochemistry
Dr. Woei-hong Fang
www.cacb.org.tw

Colombia (CO)

Colegio Nacional de Bacteriología CNB - Colombia
Dr. Andreas Rothstein
www.cnbcolombia.org

Croatia (HR)

Croatian Society of Medical Biochemistry and Laboratory Medicine
Dr. Jasna Leniček Krleža
www.hdmbim.hr

Cuba (CU)

Cuban Society of Clinical Pathologists
Dr. Manuel Morejon Campa
www.sld.cu/uvs/patologiaclinica

Cyprus (CY)

Association of Clinical Laboratory Directors, Biomedical and Clinical Laboratory Scientists
Ms. Spyroula Christou
www.aclycyprus.org

Czech Republic (CZ)

Czech Society of Clinical Biochemistry (CSKB)
Dr. Richard Píkner
www.cskb.cz

Denmark (DK)

Danish Society of Clinical Biochemistry (DSKB)
Dr. Lise Bathum
www.dskb.dk

Dominican Republic (DO)

Colegio Dominicano de Bionistas (CODOBIO)
Dr. Antonia Surriel
www.codobio.com.do

Ecuador (EC)

Sociedad Ecuatoriana de Bioquímica Clínica (SEBIOCLI)
Dr. Francisco Vallejos
www.sebiocli-ec.org

Egypt (EG)

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

Estonia (EE)

Estonian Society for Laboratory Medicine
 Dr. Karel Tomberg
www.elmy.ee

Ethiopia (ET)

Ethiopian Medical Laboratory Association (EMLA)
 Mr. Gizachew Tadesse Akalu
www.emlaeth.org

Finland (FI)

Finnish Society of Clinical Chemistry (SKKY)
 Prof. Päivi H Laitinen
www.skky.fi

France (FR)

Société Française de Biologie Clinique (SFBC)
 Prof. Philippe Gillery
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

Greece (GR)

Greek Society of Clinical Chemistry - Clinical Biochemistry (GSCC-CB)
 Dr. Alexander Haliassos
www.eekx-kb.gr

Guatemala (GT)

Asociación de Químicos Biólogos de Guatemala
 Dr. Ana Leticia Maselli
www.aqbg.org

Hong Kong (HK)

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

Hungary (HU)

Hungarian Society of Laboratory Medicine (MLDT)
 Dr. Zsuzsa Bagoly
www.mldt.hu

Iceland (IS)

The Icelandic Society for Laboratory Medicine
 Dr. Leifur Franszon
www.fklii.hi.is

India (IN)

Association of Clinical Biochemists of India (ACBI)
 Dr. Rajiv R Sinha
www.acbindia.org

Indonesia (ID)

Indonesian Association for Clinical Chemistry (HKKI)
 Dr. Sri Paulani
www.hkki.org

Iran (IR)

Biochemical Society of Islamic Republic of Iran
 Prof. Khosro Khajeh
www.biochemiran.com

Iraq (IQ)

Iraqi Society of Molecular Biology and Genetics ISMBG
 Dr. Mohammad I. Mezaal Atheab
www.ismbg.org

Ireland (IE)

Association of Clinical Biochemists in Ireland (ACBI)
 Dr. Seán Costelloe
www.acbi.ie

Israel (IL)

Israel Society for Clinical Laboratory Science
 Dr. Marielle Kaplan
www.ilmr.org.il

Italy (IT)

Italian Society of Clinical Chemistry and Clinical Molecular Biology (SIBioC)
 Prof. Giuseppe Lippi
www.sibioc.it

Japan (JP)

Japan Society of Clinical Chemistry (JSCC)
 Prof. Masato Maekawa
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 (KAML D)
 Dr. Aliya Kuserbayeva
www.kamld.kz

Kenya (KE)

Clinical Chemists Association of Kenya
 Dr. Angela Amayo

Korea (KR)

Korean Society of Clinical Chemistry (KSCC)
 Prof. Jeong-Ho Kim
www.ksc.org.kr

Kosovo (XK)

Kosova Association of Clinical Chemistry - KACC
 Dr. Gramos Begolli

Latvia (LV)

Latvian Society of Laboratory Specialists (LLSB)
Dr. Dagne Gravelle
www.llsb.lv

Lebanon (LB)

Lebanese Society of Clinical Biology - Syndicat des Biologistes du Liban
Dr. Christian Al Haddad
www.sdbliban.org

Lithuania (LT)

Lithuanian Society of Laboratory Medicine
Dr. Dalius Vitkus
www.llmd.lt/en

Luxembourg (LU)

Société Luxembourgeoise de Biologie Clinique
Dr. Danielle Meunier
www.slbc.lu

Malawi (MW)

Malawi Association of Medical Laboratory Scientists (MAMLS)
Dr. Jones Kadewere
www.mamls.mw

Malaysia (MY)

Malaysian Association of Clinical Biochemists (MACB)
Dr. Raja Elina Raja Aziddin
www.macb.org.my

Mexico (MX)

Mexican Association of Clinical Laboratory Sciences
Dr. José Francisco Muñoz-Valle
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

Myanmar (MM)

Myanmar Medical Technologists Association – MMTA
Mr. Maung Maung

Nepal (NP)

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

Netherlands (NL)

Nederlandse Vereniging voor Klinische Chemie en Laboratoriumgeneeskunde (NVKC)
Dr. Claudia Pronk-Admiraal
www.nvkc.nl

Nigeria (NG)

Association of Clinical Chemists Nigeria (ACCN)
Dr. Henry Chima Okpara
www.accnnigeria.org

North Macedonia (MK)

Macedonian Society of Medical Biochemistry and Laboratory Medicine (MSMBLM)
Ass. Prof. Katerina Tosheska Trajkovska
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

Pakistan (PK)

Pakistan Society of Chemical Pathologists
Dr. Aysha Habib Khan
www.pscp.org.pk

Palestine (PS)

Palestinian Medical Technology Association (PMTA)
Dr. Osama Najjar
www.palmta.org

Panama (PA)

Colegio Nacional de Laboratoristas Clínicos de Panamá
Dr. Lizbeth Campillo
www.conalac.com.pa

Paraguay (PY)

Asociación de Bioquímicos del Paraguay (ABP)
Dra. Natalie Weiler
www.abp.org.py

Philippines (PH)

The Philippine Association of Medical Technologists - PAMET
Mr. Ronaldo E. Puno
www.pametinc.org

Poland (PT)

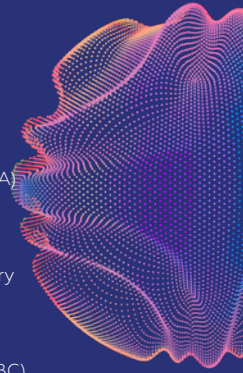
Polish Society for Laboratory Diagnostics (PTDL)
Prof. Grazyna Sypniewska
www.ptdl.pl

Portugal (PT)

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

Romania (RO)

Romanian Association of Laboratory Medicine (RALM)
Dr. Cristina Mambet
www.almr.ro

**Russia (RU)**

Association of Laboratory Specialists and Organisations
«Federation of laboratory medicine» (FLM)

Prof. Andrey Mikhailovich Ivanov

www.fedlab.ru

Saudi Arabia (SA)

Saudi Association for Clinical Chemistry

Dr. Anwar Borai

www.sccc-sa.org

Serbia (SRB)

Society of Medical Biochemists of Serbia (DMBS)

Prof. Nada Majkic-Singh

www.dmbj.org.rs

Singapore (SG)

Singapore Association of Clinical Biochemists

Prof. Sunil Kumar Sethi

www.sacb.org.sg

Slovak Republic (SK)

Slovak Society of Clinical Biochemistry (SSKB)

Ing. Jan Balla

www.sskb.sk

Slovenia (SI)

Slovenian Association for Clinical Chemistry and
Laboratory Medicine (SZKKLM)

Mag. Evgenija Homšak

www.szkklm.si

South Africa (ZA)

South African Association of Clinical Biochemistry
(SAACB)

Prof. Tahir Pillay

www.saclinpath.co.za

Spain (ES)

Sociedad Española de Medicina de Laboratorio
(SEQCML)

Dr. Imma Caballe Martín

www.seqc.es

Sri Lanka (LK)

Association for Clinical Biochemistry, Sri Lanka

Prof. Lal Chandrasena

Sudan (SD)

Sudanese Society of Clinical Biology

Prof. Imad Fadel-elmula

Sweden (SE)

Swedish Society for Clinical Chemistry

Dr. Per Bjellerup

www.kliniskkemi.org

Switzerland (CH)

Swiss Society of Clinical Chemistry

Prof. Martin Hersberger

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

Turkey (TR)

Turkish Biochemical Society (TBS)

Prof. Diler Aslan

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

United Kingdom (UK)

The Association for Clinical Biochemistry & Laboratory
Medicine (ACB)

Prof Neil R Anderson

www.acb.org.uk

United States (US)

American Association for Clinical Chemistry (AACC)

Dr. Loretta Doan

www.aacc.org

Uruguay (UY)

Asociación Bioquímica Uruguay (ABU)

Prof. Stella Raymondo

www.asociacionbioquimicauruguay.org

Vietnam (VN)

Vietnamese Association of Clinical Biochemists (VACB)

Prof. Hoang Van Son

Zambia (ZM)

Biomedical Society of Zambia (BSZ)

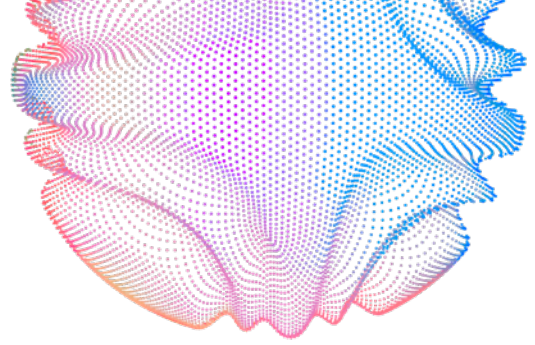
Dr. Victor Daka

www.biomedicalsocietyofzambia.org

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

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

India

Association of Medical Biochemists of India (AMBI)
Dr. Shanthi Naidu Kamatham
www.ambi.co.in

Iran

Iranian Association of Clinical Laboratory Doctors
(IACLD)
Dr. Seyyed Mehdi Boutorabi
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

Mexico

Federación Nacional de Químicos Clínicos (CONAQUIC A.C.)
M.C. Alejandra Anilben Cano Huizar
www.conaquic.com

Nepal

Nepalese Association for Clinical Chemistry
Dr. Ram Vinod Mahato
www.nacc.org.np

Philippines

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

Romania

Order of the Biochemists, Biologists, Chemists in
Romanian Health System (OBBCCSSR)
Dr. Constanta Popa
www.obccssr.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

Spain

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

Turkey

Society of Clinical Biochemistry Specialists (KBUD)
Prof. Dr. Necip Ilhan
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)

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

ADx Neurosciences

9052, Zwijnaarde
Belgium
www.adxneurosciences.com

Agappe Diagnostics Ltd

Kera,a 683 562
India
www.agappe.com

Agilent Technologies Inc.

Santa Clara CA 95051
USA
www.agilent.com

Asahi Kasei Pharma Corporation

Shizuoka 410-2321
Japan
www.asahi-kasei.co.jp/asahi/en/index.html

BD Life Sciences – Preanalytical Systems

Wokingham, Berkshire
RG41 5TS – UK
www.bd.com

Beckman Coulter, Inc.

93420 Villepinte
France
www.beckmancoulter.com

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

Dongcheng District - Beijing
P.R. China
www.ivdchina.com

The Binding Site Group, Ltd.

Birmingham, B15 1QT
UK
www.bindingsite.com

Bio-Rad Laboratories

92430 Marnes-la-Coquette
France
www.bio-rad.com

C.P.M. Diagnostic Research SAS

00060 Formello (Roma)
Italy
www.cpmsas.it

Diasys

D-65558 Holzheim
Germany
www.diasys-diagnostics.com

Diatron

Budapest H-1097
Hungary
www.diatron.com

ET Healthcare Inc.

Palo Alto
CA 94303 - USA
www.ethealthcare.com.cn

Fujifilm Wako Pure Chemical Corporation

Chuo-ku, Tokyo 103-0023
Japan
www.wako-chem.co.jp

Fujirebio Europe

9052 Zwijnaarde (Gent)
Belgium
www.fujirebio-europe.com

Gentian AS

N-1596 Moss
Norway
www.gentian.no

Helena Biosciences Europe

Gateshead - Tyne and Wear
NE11 0SD – UK
www.helena-biosciences.com

Hemas Hospitals (PVT) Ltd.

Sri Lanka
www.hemashospitals.com

HyTest Ltd.

20520 Turku
Finland
www.hytest.fi

Immunodiagnostic Systems - IDS

Boldon, Tyne and Wear
NE35 9PD
UK
www.idsplc.com

Labtronic

59 Kunayev Ave. - Office 310
Kazakhstan
www.labtronic.me
www.labtronic.eu

MedicalSystem Biotechnology Co., Ltd.

Ningbo, ZJ 574
P.R. China
www.nb-medicalsystem.com

A. Menarini Diagnostics

50012 Bagno a Ripoli (Firenze)
Italy
www.menarinidiagnostics.com

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

Nanshan, Shenzhen 518057
P.R. China
www.mindray.com

Mitsubishi Chemical Europe GmbH

D-40549 Düsseldorf
Germany
www.mitsubishichemical.com

Nittobo Medical Co., LTD.

Tokyo, 102-0083
Japan
www.nittobo-nmd.co.jp/english

Nova Biomedical Corporation

Waltham, MA 02454-9141
USA
www.novabiomedical.com

Oneworld Accuracy Collaboration

Burnaby - BC V5J 5H7
Canada
www.oneworldaccuracy.com

Ortho-Clinical Diagnostics, Inc.

High Wycombe – Buckinghamshire
HP12 4DP – UK
www.orthoclinical.com

Radiometer Medical ApS

2700 Brønshøj
Denmark
www.radiometer.com



Randox Laboratories Ltd.

Crumlin - Co. Antrim
BT29 4QY - UK
www.randox.com

Roche Diagnostics

Indianapolis, Indiana 46250-0457
USA
www.roche.com

SCL Healthcare

Gyeonggi-do 16954
Republic of Korea
www.sclhealthcare.co.kr

Sebia S.A.

91008 Evry Cedex
France
www.sebia.com

Sekisui Diagnostics

Lexington, MA 02421
USA
www.sekisuidiagnostics.com

Sentinel CH SpA

20152 Milano
Italy
www.sentinel diagnostics.com

Shanghai Kehua Bio-Engineering Co., Ltd.

Shanghai 200233
P.R. China
www.skhb.com

Shanghai Zhicheng Biological Technology Co.,Ltd

Pudong New Area, Shanghai
P.R. China
www.shzhicheng.com

Sichuan Maccura Biotechnology Co., Ltd.

Chengdu 611731
P.R. China
www.maccura.com

Siemens Healthcare Diagnostics

Newark, DE, 19702
USA
www.siemens.com/diagnostics

Snibe Diagnostics

Nanshan District, Shenzhen 518000
P.R. China
www.snibe.com

Sysmex Europe GmbH

D-22848 Norderstedt
Germany
www.sysmex-europe.com

Thermo Fisher Scientific

01620 Vantaa
Finland
www.thermofisher.com

Timedico A/S

DK-7441 - Bording
Denmark
www.tempus600.com

Labor Dr. Wisplinghoff

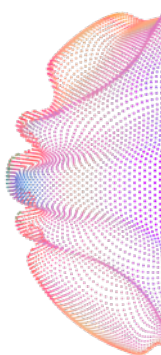
50858 Köln-Marsdorf
Germany
www.wisplinghoff.de/en

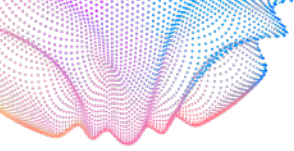
Tosoh Corporation

3980 Tessenderlo
Belgium
www.tosohbioscience.com/clinical-diagnostics

Zhejiang Kuake Biotechnology Co., Ltd.

Xinchang county - Zhejiang province
P.R. China
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



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



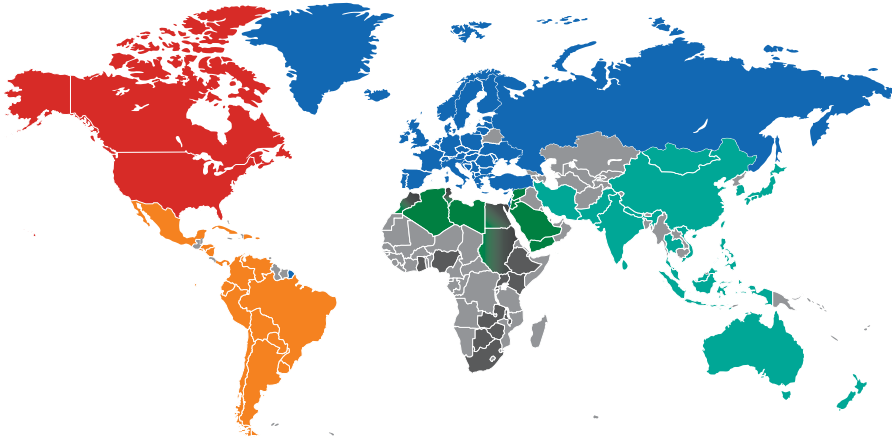
Prof. Tomris Ozben
Treasurer (2018 - 2020)

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)

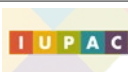
IFCC Cooperation with International Organisations



International Osteoporosis Foundation (IOF)



International Laboratory Accreditation Cooperation (ILAC)



International Union of Pure and Applied Chemistry (IUPAC)



International Union of Biochemistry and Molecular Biology (IUBMB)



International Society for Thrombosis and Haemostasis (ISTH)



Joint Committee on Traceability in Laboratory Medicine (JCTLM)



Joint Committee for Guides in Metrology (JCGM)



National Institute for Biological Standards and Control (NIBSC)



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



National Kidney Disease Education Program (NKDEP)



National Institutes for Food and Drug Control (NIFDC)



National Institute of Standards and Technology (NIST)



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



World Health Organization (WHO)

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)
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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)
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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)
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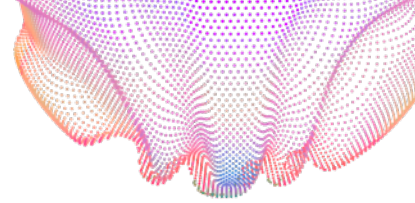
IFCC Medal for Outstanding Service

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

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

Chairs 2002-2020

Task Force on Clinical Applications of Cardiac Bio-Markers (TF-CB)		13.01.07
In 2018, it became an EMD Committee, C-CB		
F. Apple	US	2016 - 2017
J. Ordoñez-Llanos	ES	2011 - 2016
Task Force on Point of Care Testing (TF-PoCT)		13.01.08
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
Task Force on the Impact of Laboratory Medicine on Clinical Management and Outcomes (TF-ICO)		13.01.09
This TF was closed in 2014		
M. Hallworth	UK	2012 - 2014
Task Force on Proficiency Testing (TF-PT)		13.01.11
in 2018 became an EMD Committee, C-PT		
A. Haliassos	GR	2014 - 2018
Task Force on History		13.01.12
MM. Müller	AT	2019 -2021
B. Gouget	FR	2019 -2021
P. Wilding	US	2013 -2015
Task Force for Geriatric Laboratory Medicine (TF-GLM)		13.01.13
In 2018, it became an ETD Committee		
C. Bailon	CA	2016 - 2017
Task Force "IFCC-CLMA" Project on Leadership (TF IFCC-CLMA)		13.01.14
This TF was closed in 2016		
L. Kricka	US	2014 - 2016
Task Force Corporate Members (TF-CM)		13.01.15
J. Passarelli	US	2019-2021
Task Force on COVID-19		13.01.16
G. Lippi	IT	2020-2022
Task Force on International Clinical Liaison (TF- ICL)		13.11.00
This TF was closed in 2011		
I. Watson	UK	2009 - 2011
Task Force of the Global Campaign of Diabetes Mellitus		13.06.00
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)

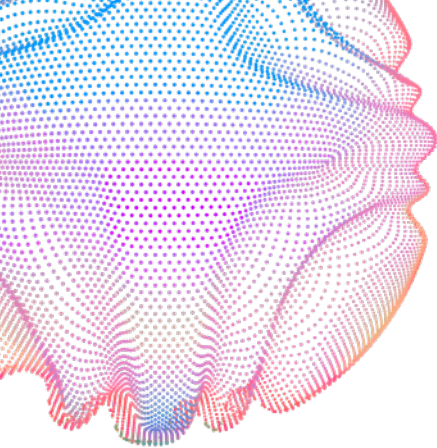


From left to right: T. Zima, M. Blanes Gonzales, J. Wesenberg, H. Martin, W. Fang, S. Cardinale

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

C-CC Past Chairs:

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



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

European Federation of Clinical Chemistry and Laboratory Medicine - EuroMedLab				7.3.2
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	
Latin American Confederation of Clinical Biochemistry (COLABIOCLI)				7.3.4
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	
Arab Federation of Clinical Biology (AFCB)				7.3.6
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	
African Federation of Clinical Chemistry (AFCC)				7.3.7
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

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

Consultants/Observers:

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

SD Past Chairs:

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

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

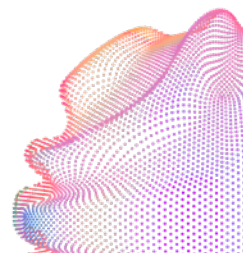
Standardisation of Coagulation Tests (C-SCT) in collaboration with ISTH

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
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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
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Harmonisation of Autoantibody Tests (WG-HAT)

8.3.45

This WG was transformed into C-HAT in 2017

Chair

J. Sheldon	UK	2010 - 2016
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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
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Clinical Quantitative Mass Spectrometry Proteomics (WG-cMSP)

8.3.47

This WG was closed from 2016

Chair

S. Lehmann	FR	2011 - 2016
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Parathyroid Hormone (WG-PTH)

8.3.48

This WG merged in C-BM in 2019

Chair

C. Sturgeon	UK	2012 - 2018
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CSF-Proteins (WG-CSF)

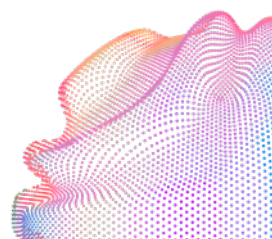
8.3.49

Chair

J. Gobom	SE	2018 - 2020
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Past Chair

K. Blennow	SE	2012 - 2017
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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

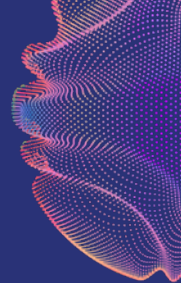
C. Sempos US 2018 - 2020

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.



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.



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.

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

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

EMD Past Chairs:

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

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)

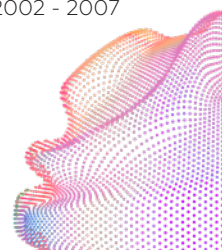
9.2.8

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

Clinical Laboratory Management (C-CLM)			9.2.9
Chair			
P. Sharma	IN	2020 - 2022	
Past Chairs			
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	
Distance Learning (C-DL)			9.2.10
Chair			
L.Langman	US	2018 - 2022	
Past Chair			
J.Smith	UK	2012 - 2017	
Education in the Use of Biomarkers in Diabetes (C-EUBD)			9.2.11
Chair			
G.John	UK	2016 - 2021	
Clinical Applications of Cardiac Bio-markers (C-CB)			9.2.12
Previously Task Force on Clinical Applications of Cardiac Bio-markers			
Chair			
F.Apple	US	2018 - 2020	
Kidney Disease (C-KD)			9.2.13
Previously Task Force on Chronic Kidney Disease			
Chair			
F.Alcantara	BR	2018 - 2021	
Point of Care Testing (C-POCT)			9.2.14
Previously Task Force on Point of Care Testing			
Chair			
A.Khan	US	2019 - 2021	
Past Chair			
R.Tirimacco	AU	2018 - 2018	
Proficiency Testing (C-PT)			9.2.15
Previously Task Force on Proficiency Testing			
Chair			
A.Perret-Liaudet	FR	2020 - 2022	
Past Chair			
A.Haliassos	GR	2018 - 2019	
Value Proposition for Laboratory Medicine (C-VPLM)			9.2.16
Chair			
A.St.John	AU	2018 - 2020	

EMD Working Groups

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



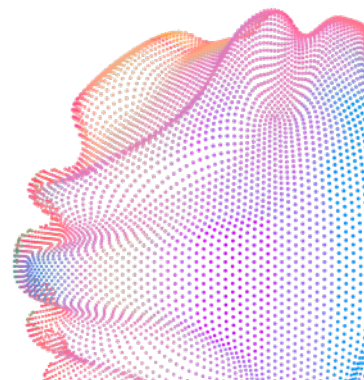
Left to right: M.C. Pasquel, K. Psarra, R. Erasmus, J. Grant, S. Colli Lanzi, T. Pillay, J. Kappelmayer, A. Newman, T. Ravalico, E. Freggiaro

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

CPD Past Chairs:

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

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



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

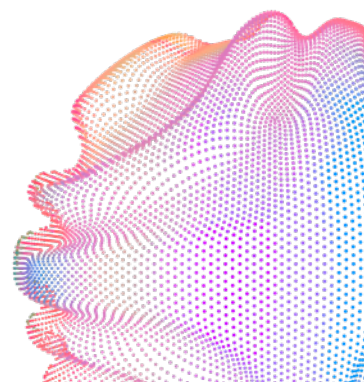
M. del Carmen Pasquel	EC	2014 - 2019
M. Blanes Gonzalez	PY	2008 - 2013
X. Fuentes-Arderiu	ES	2002 - 2008

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

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

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

ETD Committees

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

ETD Working Groups

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

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

Past Chairs:

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

YS GOLDEN ACHIEVEMENTS

COMPLIMENTARY EDUCATIONAL WEBINARS

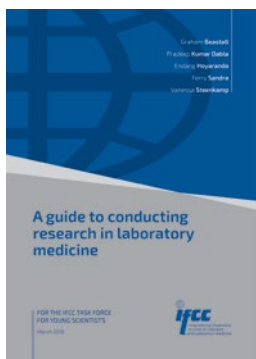


IFCC-TFYS Educational Webinar Series



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

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

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



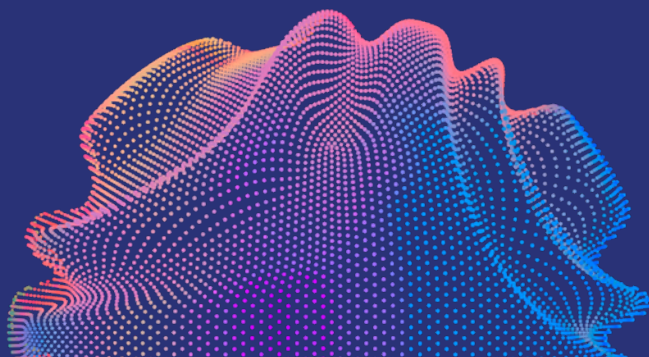
The IFCC Foundation for Emerging Nations (FEN) is a non-profit making Charitable Trust established in 2016 under Swiss Law by the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC). The FEN is devoted to fund raising and to supporting programmes that help to improve the quality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

FEN Board of Directors

Graham H Beastall (UK), Chair
Michelle Rossier (CH)
Thomas Brinkmann (DE)
Lucia Monaco (IT)
Tomris Ozben (TR)

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:



“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.



“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)



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



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



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

