The International Federation of Clinical Chemistry and Laboratory Medicine

Prepared by the Committee on Public Relations
Communications and Publications Division (CPD)
What is IFCC

The IFCC is a worldwide, non-political organization for Clinical Chemistry and Laboratory Medicine. Among its aims:

1. Establishing global standard setting in collaboration with other international organizations;
2. Supporting its members through scientific and educational endeavour;
3. Providing a series of congresses, conferences and focused meetings in order for laboratory medicine specialists to meet and present original findings and best practice.

May 2017
IFCC History

• Proposal of Prof. Earl J King, Royal Postgraduate Medical School London: Emerging national societies of clinical chemistry to organise into an international body.

• International Association of Clinical Biochemists, Founded July 24th 1952 – Paris, under the auspices of International Union of Pure & Applied Chemistry (IUPAC)

• Renamed International Federation of Clinical Chemistry (IFCC) in 1955 in Brussels as a Section of IUPAC

• IFCC became an independent body in 1967 and Associate Member of IUPAC

• Name updated to International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) in 1997

May 2017
IFCC Members

- 90 Full Members
- 12 Affiliate Members
- 6 Regional Organizations
  - Arab Federation of Clinical Biology (AFCB)
  - African Federation of Clinical Chemistry (AFCC)
  - 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 for Clinical Chemistry and Laboratory Medicine (NAFCC)
- 48 Corporate Members

May 2017
Full Members of IFCC
(January 2017)

45,000 Laboratory specialists
90 Full members & 12 Affiliates
IFCC Mission

To be the leading organization in the field of Clinical Chemistry & Laboratory Medicine worldwide

- Enhance the scientific level and quality of diagnosis & therapy for all patients;
- Build on member professionalism to provide quality services to patients;
- Communicate with members, healthcare providers & public on leading, innovative scientific & educational achievements;
- Focus on scientific standards, publications, education & communications;
- Organise congresses & conferences to bring the efforts of IFCC to the global community.

May 2017
IFCC Strategic Priorities

The Major objectives of the Strategic Plan are to:

• Support the scientific, educational and communication needs of IFCC Members
• Support quality improvement in laboratory medicine in developing countries
• Improve collaboration between IFCC and its Regional Federations
• Demonstrate leadership in method standardisation of clinically important biomarkers
• Introduce and develop the IFCC e-Academy as a platform for distance learning support
• Collaborate with international clinical organisations to increase understanding of the impact of laboratory medicine on clinical outcomes
• Promote laboratory medicine and IFCC through international and regional congresses
• Encourage debate on ‘shaping the future of laboratory medicine’ at national and international level
• Develop and maintain Public Relations.

May 2017
IFCC Executive Board
2015-2017

Maurizio FERRARI
President

Howard MORRIS
President Elect

Sergio BERNARDINI
Secretary

Tomris OZBEN
Treasurer

Rolf HINZMANN
Corporate Representative

Daniel MAZZIOTTA
Member †

Rosa SIERRA-AMOR
Member

Vanessa STEENKAMP
Member

May 2017
Scientific Division (SD)

Mission: To advance the science of clinical chemistry and apply it to the practice of clinical laboratory medicine

Chair: Prof. Philippe Gillery (FR)

Strategy:

• Assist transfer of research into practice
• Provide solutions to scientific and technological problems
• Develop diagnostic strategies
• Establish standards for good laboratory practice
• Respond to scientific needs of Members
• Ensure quality in IFCC scientific documents
• Participate in congresses and scientific meetings
• Organise Master discussions

May 2017
SD Committees

- Nomenclature, Properties and Units (C-NPU)
- Molecular Diagnostics (C-MD)
- Traceability in Laboratory Medicine (C-TLM)
- Reference Intervals and Decision Limits (C-RIDL)
- Standardisation of Thyroid Function Tests (C-STFT)
- Harmonization of Autoimmune Tests (C-HAT)
SD Working Groups

- Standardisation of:
  - Hemoglobin A2 (WG-HbA2)
  - Carbohydrate-Deficient Transferrin (WG-CDT)
  - Albumin Assay in Urine (WG-SAU)
  - Pregnancy-Associated Plasma Protein A (WG-PAPPA)
  - Growth Hormone (WG-GH)
  - Insulin Assays (WG-SIA)
  - Troponin I (WG-TNI)
  - Bone Marker Assays (WG-BMA)
- Clinical Quantitative Mass Spectrometry Proteomics (WG-cMSP)
- Parathyroid Hormone (WG-PTH)
- CSF-Proteins (WG-CSF)
- Commutability (WG-C)
- Immunosuppressive Drugs (WG-ID)
- Apolipoproteins by Mass Spectrometry (WG-AMA)
- Pancreatic Enzymes (WG-PE)
- Fecal Immunochemical Testing (WG-FIT)

May 2017
Education & Management Division (EMD)

Mission: To facilitate the development of managerial skills and support educational activities in laboratory medicine.

Chair: Leslie Lai (MY)

Strategy:
• Provide educational materials for publication
• Promote analytical quality and laboratory management
• Promote evidence-based laboratory medicine
• Education and curricula development
• Provide support to developing countries

Projects:
• Clinical molecular biology courses
• Distance learning programmes
• Flow Cytometry Course
• Visiting Lecturer Programme (VLP)
• Mentoring Programme

May 2017
EMD Committees

- Clinical Molecular Biology Curriculum (C-CMBC)
- Analytical Quality (C-AQ)
- Evidence Based Laboratory Medicine (C-EBLM)
- Clinical Laboratory Management (C-CLM)
- Distance Learning (C-DL)
- Education in the Use of Biomarkers in Diabetes (C-EUBD)
EMD Working Groups and Special Projects

- Laboratory Errors and Patient Safety (WG-LEPS)
- Visiting Lecturer Programme (VLP)
- Flow Cytometry (WG-FC)
- Cancer Genomics (WG-CG)
- WG on Harmonisation of Interpretive Comments EQA (WG-ICQA)
- Developing Quality Competence in Medical Laboratories (DQCML)
- Mentoring Programme (MENT)

May 2017
Communications & Publications Division (CPD)

Mission: Communication of all activities of the IFCC

Chair: Prof. Khosrow Adeli (CA)

Strategy:
• Publishes the eJIFCC (web-based)
• Publishes IFCC recommendations, documents & monographs
• Coordinates SD & EMD peer reviewed publications
• Publishes SD & EMD project outcomes
• Manages the IFCC Website - www.ifcc.org
• Publishes the IFCC eNewsletter and the eNews Flash
• Enhances IFCC Public Relations
• Collaborates with the “Labs are Vital” Campaign

May 2017
CPD Committees and Working Groups

Committees

• Public Relations (C-PR)
• Internet and e-Learning (C-IeL)

Working Groups

• Electronic IFCC Journal (WG eJIFCC)
• IFCC eNews (WG-IFCC News)
• Ibero-American Nomenclature and Translations (WG-IANT)

May 2017
IFCC Congresses and Conferences

WorldLab
2017 Durban (ZA) • 2020 Seoul (KR)

EuroMedLab
2017 Athens (GR) • 2019 Barcelona (ES)

Regional Congresses
COLABLIOCLI 2017 Punta del Este (UY)

May 2017
Task Forces & Special Projects

- Task Force on Ethics (TF-E)
- Task Force on Paediatric Laboratory Medicine (TF-PLM)
- Task Force on Pharmacogenetics (Integrated Project) - (TF-PG)
- Task Force on Chronic Kidney Disease (Integrated Project) - (TF-CKD)
- Task Force for Young Scientists (TF-YS)
- Task Force on Clinical Applications of Cardiac Bio-Markers (TF-CB)
- Task Force on Point of Care Testing (TF-PoCT)
- Task Force on Proficiency Testing (TF-PT)
- Task Force on Geriatric Laboratory Medicine (TF-GLM)

May 2017
Key IFCC Programmes

- IFCC Reference Materials
- IFCC Distinguished Awards
- Distance Learning Programme
- Labs are Vital Programme
- Visiting Lecturer Programme (VLP)
- Professional Scientific Exchange Programme (PSEP)
- Professional Management Exchange Programme (PMEP)
- IFCC Speaker's Bureau
- IFCC Travel Scholarships
- Mentoring Programme
- Register of Experts
Visiting Lecturer Programme (VLP)

- Supports international exchange of lecturers
- Creates global educational networks
- Brings together IFCC activities in different regions
Professional Exchange Programme (PEP)

• Promote international co-operation between laboratories
• Facilitate the exchange of young laboratory scientists between IFCC Member societies
• Share high level scientific or management skills
• Introduce new or improved scientific or management skills to the applicant's laboratory
Speaker’s Bureau

- Listing of IFCC members accessible for presentations, seminars or media comments
- Professional expertise
- Specific topics of interest
- Approved by IFCC EB as spokespersons

May 2017
Register of Experts

• Available on the IFCC website Education and Management section

• Compiled to assist members in contacting an expert in a particular area of laboratory medicine.

• Lists IFCC collaborators including Chairs, members of Committees, WGs, and Task Forces who are available to answer your questions in the field of their expertise.
Summary

IFCC is a worldwide non-political professional organization for the clinical chemistry and laboratory medicine community

• Major organization linking clinical chemistry societies and federations worldwide

• Major body involved in development of standards in laboratory diagnostics

• Major venue for international exchange of scientific know-how in the field

• Major facilitator of education and communications in the field

May 2017
Thank you!

For further information visit www.ifcc.org