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.
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
IFCC Members

- 89 Full Members
- 8 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)
- 49 Corporate Members

April 2015
Full Members of IFCC
(April 2015)

45,000 Laboratory specialists
89 Full members & 8 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.

April 2015
Structure and Organization

IFCC Council

IFCC Executive Board

Awards Committee
Special Projects
Task Forces
IFCC Office - Milan

Nominations Committee
Finance Committee
Congresses and Conferences Committee

Scientific Division
Committees & Working Groups

Education & Management Division
Committees & Working Groups

Communications & Publications Division
Committees & Working Groups
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.
IFCC Executive Board
2015-2017

Maurizio FERRARI
President

Graham BEASTALL
Past President

Sergio BERNARDINI
Secretary

Tomris OZBEN
Treasurer

Rolf HINZMANN
Corporate Representative

Daniel MAZZIOTTA
Member

Rosa SIERRA-AMOR
Member

Vanessa STEENKAMP
Member

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Scientific Division (SD)

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

Chair: Prof. Ian Young (UK)

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

April 2015
SD Committees

- Nomenclature, Properties and Units (C-NPU)
- Molecular Diagnostics (C-MD)
- Reference Systems of Enzymes (C-RSE)
- Traceability in Laboratory Medicine (C-TLM)
- Reference Intervals and Decision Limits (C-RIDL)
- Standardisation of Thyroid Function Tests (C-STFT)
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)
  - Insulin Assays (WG-SIA)
  - Troponin I (WG-TNI)
  - Bone Marker Assays (WG-BMA)

- Harmonisation of Autoantibody Tests (WG-HAT)
- Clinical Quantitative Mass Spectrometry Proteomics (WG-cMSP)
- Parathyroid Hormone (WG-PTH)
- CSF-Proteins (WG-CSF)
- Commutability (WG-C)

April 2015
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

April 2015
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)
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
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
• Enhances IFCC Public Relations
• Collaborates with the “Labs are Vital” Campaign

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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)
IFCC Congresses and Conferences

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

EuroMedLab
2015 Paris (FR) • 2017 Athens (GR)

Regional Congresses 2015
AFCC Harare (ZW) • AFCB Khartoum (SD) • COLABIOCLI Quito (EC)

2016 Specialized Conferences
15th Bergmeyer Conference
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 “IFCC-CLMA” Project on Leadership (TF IFCC-CLMA)
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

April 2015
Visiting Lecturer Programme (VLP)

- Supports international exchange of lecturers
- Creates global educational networks
- Brings together IFCC activities in different regions
- Sponsored by Abbott Diagnostics
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

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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

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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
Thank you!

For further information visit

www.ifcc.org