The International Federation of Clinical Chemistry and Laboratory Medicine

Prepared by the Committee on Public Relations
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

November 2014
IFCC Members

- 89 Full Members
- 10 Affiliate Members
- 5 Regional Organizations
  1. Arab Federation of Clinical Biology (AFCB)
  2. African Federation of Clinical Chemistry (AFCC)
  3. Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB)
  4. European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)
  5. Latin American Confederation of Clinical Biochemistry (COLABIOCLI)
- 52 Corporate Members
Full Members of IFCC
(October 2014)
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.
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

November 2014
IFCC Strategic Priorities

The Major objectives of the Strategic Plan for 2012-2014 are to:

• improve and maintain the multidisciplinary and international leadership of IFCC in standardisation activities.
• ensure that its standardisation and research activities are more oriented towards the patient and towards the health of the individual.
• ensure consistency between its activities and the stated expectations of the IFCC members, recognising the needs of both developed and developing countries.
• develop and maintain IFCC communications, to promote publications and products from IFCC, including publications and reference materials, and to set up joint promotion activities with international organisations such as WHO, WASPaLM, IUPAC, IRMM, CLSI and others.
• establish collaborations, joint meetings and projects with international organisations having interest in the field of Laboratory Medicine such as IUPAC, ISTH, IATDM, IRMM, CLSI.
• promote IFCC through international and regional congresses.
• promote Members' activities and encourage professional development of individuals in National Societies and the recruitment of new members and experts to IFCC operating units.
• develop and maintain Public Relations.

November 2014
IFCC Executive Board
2012-2014

President
Dr. Graham Beastall (UK)
Past President
Prof. Jocelyn Hicks (US)
Vice-President
Prof. Howard Morris (AU)
Secretary
Prof. Sergio Bernardini (IT)
Treasurer
Dr. Bernard Gouget (FR)
Corporate Representative
Ass. Prof. Thomas Brinkmann (DE)
Member
Prof. Larry Kricka (US)
Member
Prof. Vanessa Steenkamp (ZA)
Member
Dr. Ulisses Tuma (BR)
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

November 2014
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)

November 2014
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)

November 2014
Education & Management Division (EMD)

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

**Chair:** Maurizio Ferrari (IT)

**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)

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EMD Committees

- Analytical Quality (C-AQ)
- Clinical Molecular Biology Curriculum (C-CMBC)
- 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)
- Developing Quality Competence in Medical Laboratories (DQCML)
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)
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 on Implementation of HbA1c Standardization (Integrated Project) - (TF-HbA1c)
- 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 the Impact of Laboratory Medicine on Clinical Management and Outcomes (TF-ICO)
- Task Force on Proficiency Testing (TF-PT)

November 2014
IFCC Congresses and Conferences

WorldLab
2014 Istanbul (TR) • 2017 Durban (ZA) • 2020 Seoul (KR)

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

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

2014 Specialized Conferences
14th Bergmeyer Conference
IFCC Siemens Toronto Conference “Biomarkers in Neuropsychiatric Disorders”
IFCC Roche Rome ”Biomarkers in Alzheimer’s Disease”

November 2014
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
Visiting Lecturer Programme (VLP)

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

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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
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