

Founded in 1952 as the International Association of Clinical Biochemists, daughter of IUPAC, and renamed the IFCC in 1955, the IFCC serves the public interest in healthcare by providing worldwide leadership in clinical laboratory science to professional societies, the diagnostic industry, governments and non-governmental organisations.

The vision of IFCC is to develop integrated projects, to improve communications, to assist developing countries in achieving high analytical quality, to foster educational activities around the world and to focus actively on areas other than Clinical Chemistry.



IFCC Brochure 2021

For further information about the IFCC and its activities, please contact:

PRESIDENT

Prof. Khosrow ADELI

Pediatric Laboratory Medicine
The Hospital for Sick Children
University of Toronto
Ontario M5G 1X8 - Canada
E-mail: khosrow.adeli@sickkids.ca

TREASURER

Dr Alexander HALIASSOS

ESEAP

(Greek External Quality Assessment Scheme)
GR-106 76 Athens - Greece
E-mail: haliassos@moleculardiagnosics.gr

SECRETARY

Dr David Kinniburgh

Alberta Centre for Toxicology
University of Calgary
Alberta T2N 4N1 - Canada
E-mail: dkinnibu@ucalgary.ca

IFCC OFFICE

Via Carlo Farini 81
20159 Milan - Italy
E-mail: ifcc@ifcc.org

**International Federation
of Clinical Chemistry
and Laboratory Medicine**

Advancing excellence in
laboratory medicine for
better healthcare worldwide

www.ifcc.org



The IFCC comprises 93 Full National Societies, and is associated with 6 Regional Federations: the Arab Federation of Clinical Biology (AFCB), the Latin-American Confederation of Clinical Biochemistry (COLABIOCLI), the Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB), the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM), the African Federation of Clinical Chemistry (AFCC) and the North American Federation of Clinical Chemistry and Laboratory Medicine (NAFCC); 49 Corporate Members and 17 Affiliate Members, representing more than 45,000 laboratory medicine specialists world-wide.

The mission of the IFCC

Our mission is to enhance the scientific level and the quality of diagnosis and therapy for patients throughout the world by assuming leadership and innovation in science and education, and by building on the professionalism of our members to provide quality services to patients.

The overall objectives of the IFCC are:

- To complement and enhance the activities of its members;
- To transcend the boundaries of a single nation or a single corporation, or a geographical, cultural or linguistic group of nations in developing the field of Clinical Chemistry and Laboratory Medicine;
- To provide a forum for standardisation and traceability, in the broadest sense, at a high level;
- To disseminate information on “best practice” at various levels of technology and economic development;
- To promote a vision of Clinical Chemistry and Laboratory Medicine that extends beyond traditional perceptions of the field

Our mission is to be the leading organization in the field of Clinical Chemistry and Laboratory Medicine worldwide.

We aim to communicate effectively with our members, other healthcare providers and the public through a variety of electronic media to ensure knowledge of our excellent scientific and educational achievements. We focus on scientific standards, publications, education and communications. We hold outstanding congresses and conferences to bring the efforts of IFCC to the global community.

Go to the IFCC website to learn about IFCC activities;
a list of all National Society Representatives can be found on the IFCC website
www.ifcc.org

The IFCC carries out its objectives through its Divisions, each with Committees and Working Groups. Their members are volunteers, invited from throughout the world on the basis of their expertise.

Scientific Division (SD)

The mission of the Scientific Division is to advance the science of Clinical Chemistry and to apply it to the practice of Clinical Laboratory Medicine.

The goals to which the Scientific Division is committed are to:

- Identify research areas of relevance to Clinical Chemistry and Laboratory Medicine and assist the knowledge transfer to the profession;
- Identify scientific and technological problems in current practice and provide solutions and guidelines on how to resolve them;
- Facilitate the development and transfer of technical innovations to clinical laboratory professionals and clinicians;
- Facilitate the development and implementation of diagnostic strategies;
- Establish standards for the scientific and technical aspects of good laboratory practice;
- Respond to the scientific and technical needs of IFCC Member Societies, IFCC Corporate Members and external agencies;
- Participate actively in the scientific programmes of IFCC congresses and other scientific meetings;
- Ensure the quality of IFCC scientific documents;
- Organise Master Discussions.

Education & Management Division (EMD)

The mission of EMD is to provide IFCC members and the health-care community with education relevant to Clinical Chemistry and Laboratory Medicine, directed at scientific, management and clinical issues.

EMD is proud of its Abbott Visiting Lecture Programme, which has been expanded to cover all areas of the world on an annual basis. It also delivers many courses and workshops in specialised areas.

Current projects include:

- Visiting Lecturer Programme
- Clinical Molecular Biology Courses
- Expanding knowledge in Evidence Based Laboratory Medicine
- Managing the Quality of Laboratory Services, including Analytical Quality
- Courses and workshops in specialized areas
- Promoting Laboratory Accreditation
- Raising Awareness of Quality Issues

Communications and Publications Division (CPD)

The mission of CPD is to provide worldwide communications about the work of the IFCC to clinical laboratory scientists, 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 publication the eJournal (eJIFCC) on a quarterly basis, and a monthly IFCC eNewsletter. IFCC news and scientific documents are also published in formal collaborations with Clinica Chimica Acta (CCA) and other publishers, as are 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 created and/or reviewed by IFCC experts for the continuous professional development of members of IFCC member societies. The eAcademy is managed by the IFCC Committee on Internet and Distance Learning (C-IDL) and financially supported by Siemens Healthineers.

Visit the IFCC website www.ifcc.org to read the latest IFCC news and scientific reviews.

Emerging Technologies Division (ETD)

The ETD is responsible for identifying and assessing emerging technologies and for translating the emerging and disruptive diagnostic and data analysis procedures from academic laboratories to clinical laboratories and from clinical laboratories to market.

ETD responsibilities are

- The application of emerging technologies and methods including mass spectrometry, high-throughput genotyping techniques, mobile health technologies and data analysis to clinical diagnostic protocols focused on Precision Medicine;
- Defining for each emerging technology the clinical needs and criteria of education of specialists in Laboratory Medicine and caregivers;
- Defining for each emerging technology and method the appropriate infrastructure and laboratory organization;
- Defining for each emerging technology and method pre-analytical, analytical and post-analytical processes necessary for clinical laboratory applications;
- Defining for each emerging technology and method quality programs and certifications required to meet criteria for accreditation up to ISO15189 standard;
- Assess the clinical value of each test with regard to addressing unmet clinical need.

Congresses and Conferences Committee (C-CC)

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

The C-CC carries out the IFCC's policy to promote and sponsor regular international and regional congresses, exhibitions and specialist conferences in clinical chemistry and laboratory medicine.

The C-CC works with meeting organizers to share experiences, liaise with industry and to obtain resources that allow young clinical chemists and those from emerging countries to participate in regional and international meetings.

The IFCC has considerable expertise in organising and providing support for a number of international conferences/congresses. Visit the IFCC website www.ifcc.org for a calendar of upcoming international and regional conferences organized and/or sponsored by the IFCC.

Plan to attend a future IFCC Conference:

- IFCC - WorldLab Congress
- IFCC Regional Congresses
- IFCC-EFLM EuroMedLab Congress
- Other IFCC Conferences

Key IFCC Programmes:

IFCC Reference Materials
IFCC Awards
IFCC Speakers' Bureau
IFCC Travel Scholarships
Distance Learning Programmes
IFCC Abbott Visiting Lectureship Programme
Professional Scientific Exchange Programme
Professional Management Exchange Programme



Visit the IFCC website for more information on the above programmes www.ifcc.org