

# IFCC Council

*10<sup>th</sup> April 2022*



**IFCC**

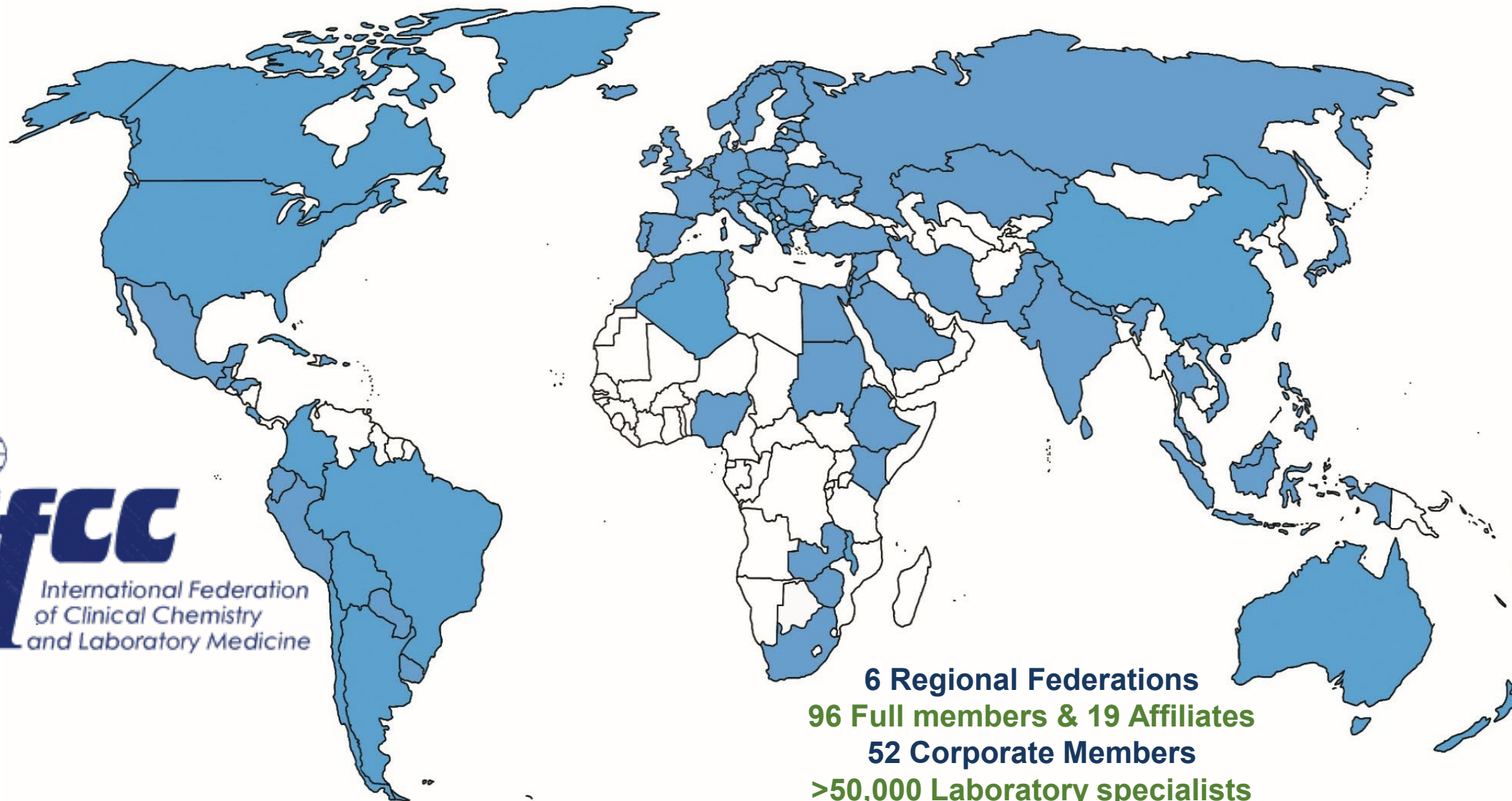
International Federation  
of Clinical Chemistry  
and Laboratory Medicine

Advancing excellence  
in laboratory medicine  
for better healthcare  
worldwide

[www.ifcc.org](http://www.ifcc.org)

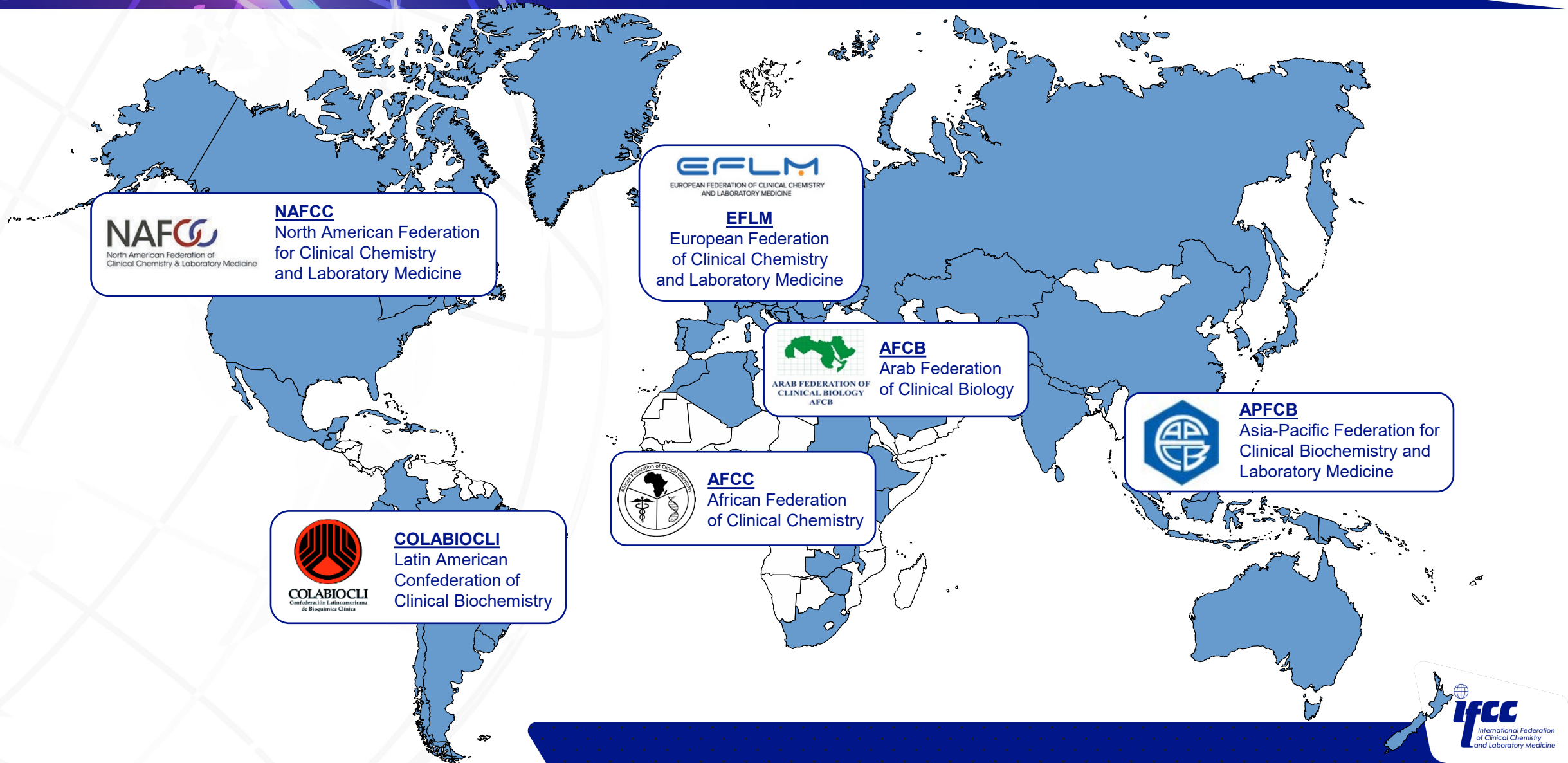


*Advancing excellence in laboratory medicine for better healthcare worldwide*



**6 Regional Federations**  
**96 Full members & 19 Affiliates**  
**52 Corporate Members**  
**>50,000 Laboratory specialists**

# Worldwide engagement: >50,000 Laboratory specialists



**NAFCC**  
North American Federation  
for Clinical Chemistry  
and Laboratory Medicine

**EFLM**  
EUROPEAN FEDERATION OF CLINICAL CHEMISTRY  
AND LABORATORY MEDICINE  
**EFLM**  
European Federation  
of Clinical Chemistry  
and Laboratory Medicine

**AFEB**  
Arab Federation  
of Clinical Biology

**APFCB**  
Asia-Pacific Federation for  
Clinical Biochemistry and  
Laboratory Medicine

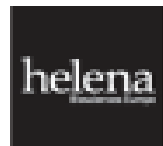
**COLABIOCLI**  
Confederación Latinoamericana  
de Bioquímica Clínica  
**COLABIOCLI**  
Confederación Latinoamericana  
de Bioquímica Clínica

**AFCC**  
African Federation  
of Clinical Chemistry

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



# Strong Corporate Engagement in the IFCC Organization: *49 Corporate Members*



# The IFCC is a worldwide, non-political organization for Clinical Chemistry and Laboratory Medicine

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

- 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 in 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



The Leading International Community of  
National Societies and Corporate Members  
in Laboratory Medicine Around the World

70<sup>th</sup> Anniversary  
1952 - 2022



70<sup>th</sup> Anniversary  
1952 - 2022

Celebrating IFCC's Contributions to  
«Advancing excellence in laboratory  
medicine for better healthcare worldwide»



# 70<sup>th</sup> Anniversary

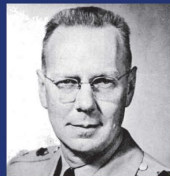
1952 - 2022



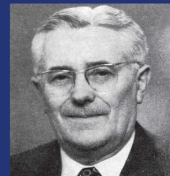
## IFCC PRESIDENTS 1952 - 2022



**Earl J. King**  
1952 - 1960



**Monroe E. Freeman**  
1960 - 1962



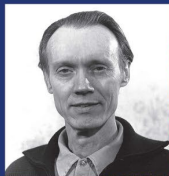
**Jean-Émile Courtois**  
1963 - 1967



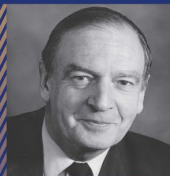
**Martin Rubin**  
1967 - 1975



**Jörg Frei**  
1976 - 1978



**René Dybkaer**  
1979 - 1984



**Donald Young**  
1985 - 1990



**Gerard Siest**  
1991 - 1996



**Matthew McQueen**  
1997 - 1999



**Mathias Müller**  
2000 - 2005



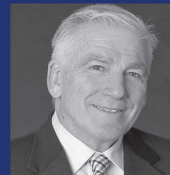
**Jocelyn MB Hicks**  
2006 - 2008



**Graham H. Beasall**  
2009 - 2014



**Maurizio Ferrari**  
2015 - 2017



**Howard Morris**  
2018 - 2019



**Khosrow Adeli**  
2020-2023



# 70<sup>th</sup> Anniversary

1952 - 2022



## EXECUTIVE BOARD 2021-2023



**Prof. Khosrow ADELI**  
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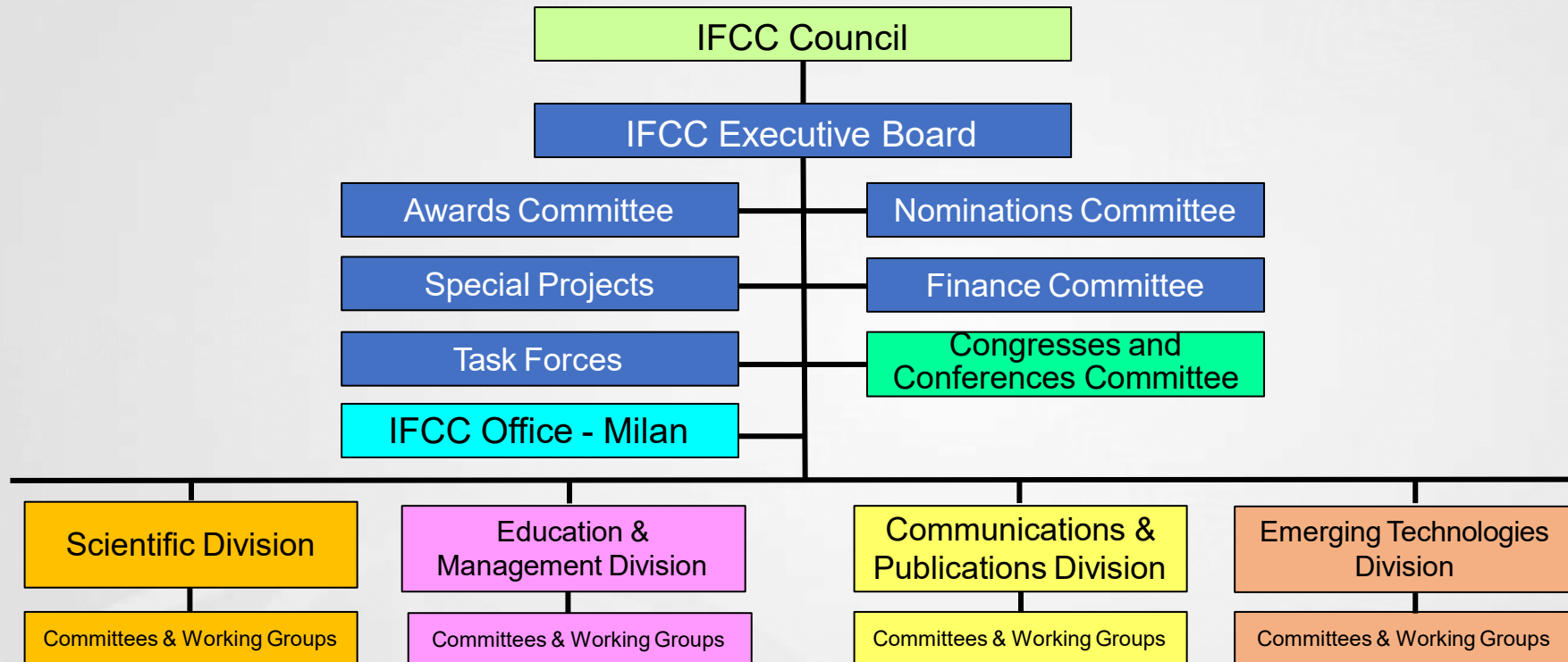
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# IFCC Structure and Organization



# IFCC's Response to COVID-19 Pandemic

## ***New IFCC Taskforce on COVID-19***

*Initiated March 2020*

***IFCC Practice  
Guidelines***

***Biosafety in Clinical  
Laboratories***

***Molecular COVID-19  
Diagnostics***

***Serological COVID-  
19 Assays***

***Biochemical &  
Hematological***

***Rapid Antigen  
Testing***

***IFCC Live  
Global  
Webinars***

## ***IFCC COVID-19 Online Resource***

*March 2020 >> October 2021 >>*

***Scientific Literature  
Review***

***Latest Innovations  
in Diagnostics,  
Therapies, Vaccines***

***<https://www.ifcc.org/resources-downloads/ifcc-information-guide-on-covid-19-introduction/>***

# IFCC Evidence-Based Guidelines on COVID-19

- **Laboratory Biosafety** Guidelines (CCLM 2020a)
- **Molecular Diagnosis** of SARS-CoV-2 Infection (CCLM 2020b)
- **Serological Diagnosis** of SARS-CoV-2 Infection (CCLM 2020c)
- **Biochemical & Hematological Monitoring** of Hospitalized COVID-19 Patients (CCLM 2020d)
- **Rapid Antigen Testing** Guidelines (CCLM 2021)
- **SARS-CoV2 Variants** Guidelines (2022; Submitted)



# New IFCC Strategic Plans (2020-2023)

Directly Impact  
Healthcare Delivery and  
Patient Outcomes  
(Global NBS)

Directly Contribute to  
Global Lab Quality  
(EQA, IQC, RI)

**A New Vision &  
Mission for IFCC**

Develop the Evidence on  
Value & Impact of Lab  
Med in Healthcare

Major Expansion of  
eLearning/Distance  
Learning Program

# A New Vision & Mission for IFCC

- **Directly Impact Healthcare/Patient Outcomes**
  - Global Newborn Screening Initiative in Collaboration with WHO, Gates Foundation, industry, others
- **Directly Contribute to Global Lab Quality**
  - IFCC External Quality Assurance Program
  - IFCC Internal Quality Assurance on-site Training Program
  - Global Reference Interval Consortium
- **Major Expansion of IFCC eLearning Program**
  - A new strategy to develop and deliver webinars via eAcademy
  - Live global webinars (monthly)

# Directly Impact Healthcare Delivery and Patient Outcomes

***VISION: IFCC should be more proactive and directly impact global healthcare in developing nations***

*First Key Project:*

## **Global Newborn Screening Program**

*Lack of newborn screening programs in many developing countries is leading to major health consequences and a burden on healthcare delivery and costs*



# New Taskforce on Global Newborn Screening

## Membership

Name	Position	Country	Term	Time in Office
V. Leung-Pineda	Co-Chair	US	1st	2021 01 - 2023 12
J. Bonham	Co-Chair/ISNS	UK	1st	2021 01 - 2023 12
M.A. Ascurra de Duarte	Member	PY	1st	2021 01 - 2023 12
F. Boemer	Member	BE	1st	2021 01 - 2023 12
U. Ceglarek	Member	DE	1st	2021 01 - 2023 12
A. Habib Khan	Member	PK	1st	2021 01 - 2023 12
M. Kase	Member	FI	1st	2021 01 - 2023 12
K. Valdyanathan	Member	IN	1st	2021 01 - 2023 12
D. Webster	Member/ISNS	AU	1st	2021 01 - 2023 12
E. Lebredonchel	Member/Young Scientist	FR	1st	2021 01 - 2023 12
To be nominated	Member			
S. Hill	EB Liaison	CA		

## Progress To-Date

- Global Survey Completed
- Collaboration with CDC, CLSI, AACC
- Countries Selected for the First Pilot Project (in progress)
- First Pilot Expected to Start early in 2022

# Directly Contribute to Quality Lab Services Internationally

**VISION:** IFCC should directly assist clinical laboratories improve internal and external quality assurance

## Key Determinants of Laboratory Quality

### Analytical Quality

Internal Quality Control (iQC)

External Quality Assessment (EQA)

### Postanalytical Quality

Appropriate Reference Intervals & Decision Limits

Critical Need for Evidence-Based Adult, Pediatric & Geriatric Databases

# Directly Contribute to Quality Lab Services Internationally

## IFCC EQA Program

Initiate an international  
**EQA** program

**Partner** with CAP, Randox,  
Bio-Rad or other programs  
with experience in EQA

Provide **free EQA** to  
developing countries  
**Potential source of revenue**  
in the long-term

## IQC Advisory Program

Create **IQC** consulting  
groups/training teams

**Dispatch to developing**  
**countries** to assist in  
enhancing quality assurance

Create Tactical Team for On Site  
Training/Operation  
**Collaborate with AACC** Global  
Lab Quality Program



# New Taskforce on Global Lab Quality

## Membership

Name	Position	Country	Term	Time in Office
E. Amann	Co-Chair	DE	1st	2021 01 - 2023 12
Q. Meng	Co-Chair	US	1st	2021 01 - 2023 12
I. Blasutig	Member & Secretary	CA	1st	2021 01 - 2023 12
R. Bais	Member	AU	1st	2021 01 - 2023 12
JM. Giannoli	Member	FR	1st	2021 01 - 2023 12
A. Guimarães	Member	BR	1st	2021 01 - 2023 12
P. Kumar Dabla	Member	IN	1st	2021 01 - 2023 12
E. Lianidou	Member	GR	1st	2021 01 - 2023 12
A. Perret-Liaudet	Member	FR	1st	2021 01 - 2023 12
A. Thomas	Member	UK	1st	2021 01 - 2023 12
A. Vassault	Member	FR	1st	2021 01 - 2023 12
S. Wheeler	Member	US	1st	2021 01 - 2023 12
C. Zhang	Member	CN	1st	2021 01 - 2023 12
K. A. Cendejas	Corp. Rep./Bio-Rad	US	1st	2021 01 - 2023 12
J. Lin	Corp. Rep./Abbott	US	1st	2021 01 - 2023 12

## Progress To-Date

- Worldwide Survey Completed
- 10 Countries Selected for the Pilot Project
- iQC and EQA Corporate Partner Selection (in progress)
- First Pilot started in February 2022

# New IFCC Taskforce on Global Reference Interval Database

Create a global consortium on RI

**Adult & Pediatric** reference interval study groups from across the globe

Develop an **IFCC Web Platform/Database** of RI  
"Key Global Resource for Reference Intervals"

**Ongoing studies/updates** to the database

Evidence-Based Harmonization of RI

Encourage/Support direct **reference interval studies** on adult and pediatric populations **in each member country**

**Big Data Analytics** Indirect Data Mining of Outpatient Data

Regional/Global **Harmonization**

## Enhance eLearning/Distance Learning Program Globally

**VISION:** *IFCC should be the largest provider of free eLearning/Distance Learning Programs Globally in the field of laboratory medicine*

*With a Focus on Developing Countries & Young Scientists, Students, Trainees*

# Enhance eLearning/Distance Learning Program Globally

## eAcademy Program Expansion

Major expansion of the webinar programs on eAcademy

Critical need for a new approach (Taskforce reporting directly to EB?)

Recruitment of IT support and eAcademy coordinators

## Live Webinar Programs Broadcast Worldwide

Monthly **LIVE Global Webinars**

Use **ZOOM** to provide easy and free access online

Work towards a **continuing education program** with novel **evaluation** schemes





Distance-learning /eLearning is offered via both live and recorded webinars .

This is an important way by which IFCC can give back to the national societies and their members around the world.

IFCC will strive to be the largest provider of free eLearning programs in the field of laboratory medicine globally.

IFCC recently piloted a LIVE WEBINAR Series.

### **IFCC Webinar Program in 2021**

In 2021, the IFCC webinar program will be expanded. Do not miss next IFCC Live Webinars, subscribe to the IFCC Free mailing list to keep updated with IFCC initiatives.

## Develop the Evidence on Value of Lab Med in Healthcare

**VISION:** *a key mandate of IFCC should be to develop and demonstrate the value of lab medicine in patient care & patient outcomes*

*In collaboration with clinical associations, corporate members/IVD industry*

# Develop the Evidence on Value of Lab Med in Healthcare

## IFCC-Sponsored Clinical Outcome Studies

Initiate **outcome studies in specific fields** of clinical medicine

e.g. Critical care, Endocrinology, Nephrology, Cardiology, GI/Nutrition, others

Retrospective & Prospective Studies in **collaboration with corporate members**

## Enhanced PR Programs

Increase **PR to non-laboratory stakeholders**

Enhance collaborative PR campaigns in **partnership with IVD industry**

**Publish case studies** in public and social media

- Task Force on Ethics (TF-E)
- Task Force for Young Scientists (TF-YS)
- Task Force Corporate Members (TF-CM)
- Task Force on History (TF-H)
- **New Task Force on Covid-19 (TF-COVID-19)**
- **New Task Force on Global Newborn Screening (TF-NBS)**
- **New Task Force on Global Lab Quality (TF-GLQ)**
- **New Taskforce on Global eLearning/eAcademy (TF-GEL)**
- **New Taskforce on Outcome Studies in Lab Med (TF-OSLM)**
- **New Taskforce on Global Reference Interval Database (TF-GRID)**



# IFCC Global MEDLAB Week

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

April 18-24

GLOBAL  
**MEDLAB**  
WEEK 2022

**Lab Professionals  
at the Heart of Health Care**

Join us!

GLOBAL  
**MEDLAB**  
WEEK 2022

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

Morani, Kenya

Charlotte, Australia

Carlos, Uruguay

Frieda, Germany

**#GlobalMedLabWeek**

April  
18-24



# Join us!

April  
18-24




*Let's all come together & CELEBRATE*

**Starting in April 2022**  
and at all Local, Regional  
& International Events &  
Conferences



**Follow us!**

[www.globalmedlabweek.org](http://www.globalmedlabweek.org)

-  @GlobalMedLabWeek
-  @GlobalMedLabWeek
-  @GMedLabWeek
-  Global Med Lab Week

- IFCC Reference Materials
- IFCC Distinguished Awards
- IFCC eAcademy
- Distance Learning Programme (IFCC Webinars)
- IFCC Abbott Visiting Lecturer Programme (VLP)
- Professional Scientific Exchange Programme (PSEP)
- Professional Management Exchange Programme (PMEP)
- IFCC Speaker's Bureau
- IFCC Roche Travel Scholarships

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



2022 IFCC **WorldLab** Seoul (KR)  
(IFCC-APFCB Joint Conference)



2023 **EuroMedLab** and **WorldLab** Rome (IT)  
(IFCC-EFLM Joint Conference)



2024 **WorldLab** Dubai  
(IFCC-AFCB Joint Conference)





**IFCC** WorldLab   
**SEOUL 2022**

June **26-30**, 2022  
Coex, Seoul, Korea

**Strong Corporate Support**

*(Despite the Pandemic)*

**Growing Number of  
Sponsors & Exhibitors!**

On Site Exhibits

Industry Workshops

On Site & Hybrid Scientific Program

# Thank you!

For further information visit  
[www.ifcc.org](http://www.ifcc.org) | [eacademy.ifcc.org](http://eacademy.ifcc.org)

