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eNews

International Federation of Clinical Chemistry
and Laboratory Medicine



Communications and Publications Division (CPD) of the IFCC

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Editorial

Dear colleagues

The fall is here for many countries in the northern hemisphere. It is still summer in Greece, permitting us to swim in the sea, with a cool breeze chasing away the hot summer weather.

Our President Prof Tomris Ozben in her message is inviting you to participate in all IFCC events. She reminds you of Euromedlab 2025 and the General Conference 2025, to take place in Belgium in May. In her message she is presenting the National and regional congresses she participated in, like the 17th Baltic Congress of Laboratory Medicine and the XIII Serbian Congress of Medical Biochemistry and Laboratory Medicine and she congratulates the organizers for the excellent work. We congratulate her for the honorary Diploma she was awarded by the Executive Board of the Society of Medical Biochemistry of Serbia. We also congratulate her for her participation in the World Patient Safety Day 2024. It is an important event, and this invitation shows the central role of IFCC in patients' safety. In her message she is presenting all the future IFCC webinars, as well.

In this issue The IFCC Task Force OSLM is excited to announce the launch of a podcast series on Outcome Studies in Laboratory Medicine, the first one by Professor Tony Badrick. The Task Force is asking for research proposals for studies evaluating the impact of laboratory testing on healthcare outcomes.

You are all aware of the VLP and PSEP IFCC programs. Very interesting examples of these really successful programs are presented in this issue. Go through them and think of their importance in your own laboratorian's life.

Don't forget to consider as a national society the bid for Euromedlab 2027 WordLab 2028.

In this issue meet Young Scientists from the IFCC Task Force-Young Scientists. These interviews are very interesting, because they present the young laboratorians' life in several countries of the world (in this issue Ireland, Japan, France).

Go through the Univants invitation to apply for the prestigious award that recognizes best practices of healthcare excellence.

In this issue the German Society for Clinical Chemistry and Laboratory Medicine (DGKL), presents MedLabPortal, the first information portal operated by a medical society for laboratory medicine.

Finally, "Mass Spectrometry Meets Clinical Laboratories" in Athens, Greece. Learn about this important event, organized by the IFCC Scientific Division and the Greek Society of Clinical Chemistry – Clinical biochemistry and apply to attend it on site or virtually.

Dear friends go through the eNews. You will be informed about a lot of activities, IFCC, our Society is planning. Participate in IFCC's life and your everyday work in the lab will be enriched.

And, please, don't forget to come in contact with us and to send your ideas, your events to be presented in the eNews.

Warm regards



Katherina Psarra, MSc,
PhD, eNews Editor

The voice of IFCC

IFCC and Congress President's Welcome Message

October 2024

By Tomris Ozben

Dear Colleagues, Dear Friends,

I would like to start with a reminder. As you are aware, the EUROMEDLAB congress is the premier event in European Laboratory Medicine, held every two years. In 2023, it was held in Rome, Italy and in 2025, it will be held in Brussels, Belgium. IFCC and EFLM distributed the invitation to formal bids from the European National Societies to host the EUROMEDLAB 2027. The selection of the host city for EUROMEDLAB 2027 is made by the respective IFCC and EFLM Executive Boards and Congress Committees. All applications were to be submitted by **September 30, 2024**. We are looking forward to select the best venue for the 2027 EUROMEDLAB Congress of Clinical Chemistry and Laboratory Medicine!

The IFCC Office and Functional Units have resumed their activities following a refreshing summer break. The IFCC Executive Board and Divisions are planning their fall meetings to advance the IFCC programs and strategic initiatives across various fields of action.

The recently founded IFCC Accreditation Working Group, chaired by dr David Kinniburgh (Canada), will continue its activities as a committee belonging directly to the IFCC Executive Board. We wish the IFCC Accreditation Committee members a successful working term and are expecting to use accreditation programs of the committee in the IFCC educational activities and IFCC congresses.

As I mentioned in my previous Message, several national society meetings have begun to be organized in person starting this September. These meetings are crucial for laboratory professionals, providing essential platforms for knowledge exchange, professional development, and networking. The IFCC supports congresses, conferences, IFCC Corporate Member webinars, and other scientific and educational events, assisting organizing committees in promoting their events and attracting professional participation.

I personally attended two national society meetings in September. The first was the 17th Baltic Congress of Laboratory Medicine, held in Vilnius, the beautiful UNESCO World Heritage city, from September 5-7, 2024. Most participants were from the three Baltic societies: Lithuania, Estonia, and Latvia. I would like to congratulate the Organizing Committee and Chair Prof. Dalius Vitkus for hosting a highly successful congress, both scientifically and socially. The program was comprehensive, attendance was high, and the enthusiasm for the scientific sessions was remarkable, reflecting a strong interest in the scientific program topics and speakers.

The second national society meeting I attended was the XIII Serbian Congress of Medical Biochemistry and Laboratory Medicine, which took place from September 16-18 in Belgrade. I would like to congratulate Prof. Nada Singh, Doc. Dr. Snežana Jovičić, and Doc. Dr. Neda Milinković for their kind invitation and for organizing an excellent scientific program that included nine sections and two plenary lectures. The focus of the



Prof. Tomris Ozben
EuSpLM, Ph.D.

Congress was on the innovations and trends shaping the future of laboratory medicine.

I am pleased to inform you that the Executive Board of the Society of Medical Biochemistry of Serbia has awarded me an Honorary Diploma in recognition of my extraordinary contributions to promoting Clinical Chemistry and Laboratory Medicine in Europe and globally. This honour brings me great pleasure and motivates me to continue dedicating my time and efforts to the field of laboratory medicine.

I was invited to attend the World Patient Safety Day 2024 Global Consultation 'Improving diagnostic safety and implementing the Global Patient Safety Action Plan 2021-2030' that was held on 10-12 September 2024 in Geneva, Switzerland. I attended this important meeting organized by the World Health Organization as the President of the biggest global Federation of Laboratory Medicine. I presented a talk emphasizing our responsibility to provide accurate and timely health services to patients and clinicians, as diagnoses are primarily based on laboratory data. I also discussed the origins of errors in laboratory data and outlined strategies to avoid and minimize these errors.

As you know, IFCC webinars offer high-quality learning opportunities and support the continuous professional development of laboratory professionals. There is significant interest in these webinars. Below is the list of September and October webinars. They are available on demand after their presentation dates.

Date	Chair/moderator	Title
September 4	Raul Girardi	Minimum quality specifications based on the state of the Art / Especificaciones mínimas de Calidad basadas en el estado del arte
September 18	Eduardo Freggiaro	Future challenges of LaboratorMedicine / Desafios futuros de la Medicina de Laboratorio
September 23	Kristin Moberg Aakre	Current and future perspectives on measuring natriuretic peptides
October 10	Tahir Pillay	Derived lipid profile parameters: navigating the data
October 16	Elie Fux	The potential of metabolomics to tackle unmet clinical needs
October 28	Adil Khan	Point-of-Care Testing: The never-ending challenges and their resolutions

As we look ahead to 2025, I would like to highlight the 26th European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab) hosted by the Royal Belgian Society of Laboratory Medicine (RBSLM) in conjunction with their 49th Annual Congress. The event will take place in the vibrant capital of Belgium, Brussels, from May 18-22, 2025. This congress will provide a global forum for the open exchange of information on the science and technology of clinical chemistry and laboratory medicine across academic, clinical, and industrial settings.

The next IFCC General Conference (GC) is scheduled for May 16th and 17th, 2025 (Friday and Saturday), in Bruges, Belgium, ahead of the EuroMedLab Congress. We anticipate strong interest in the General Conference, which will bring together IFCC officers, representatives from IFCC Regional Federations, National Societies, and Corporate Members. Together, we will discuss the current status of laboratory medicine, as well as the challenges and innovations shaping its future.

We greatly appreciate your continued dedication and contributions to the IFCC community and look forward to connecting with you in the next edition of eNews.

With my best regards

Prof. Dr Tomris Ozben

IFCC President



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The IFCC Taskforce on Outcome Studies in Laboratory Medicine (IFCC TF-OSLM) announces a podcast series

The IFCC Task Force OSLM is excited to announce the launch of a podcast series on Outcome Studies in Laboratory Medicine. The series serves to provide practical tips and helpful guidance to assist the laboratorian/clinician to engage with and perform laboratory focussed outcome studies. Each podcast will be with an expert in the field or investigators whose outcome studies have served as excellent examples of how laboratory outcome studies can be performed.

Our first guest in the podcast series is Professor Tony Badrick. Professor Badrick is currently the CEO of the RCPAQAP since 2015. He is an Adjunct Professor School of Pharmacy and Pharmacology, Griffith University, Gold Coast, Honorary Associate Professor, National Centre for Epidemiology and Public Health Australian National University College of Health and Medicine, Honorary Associate Professor, Faculty of Medicine, Bond University, Gold Coast, and Visiting Fellow, Australian Institute for Health Innovation, Macquarie University. He was also President of the Australasian Association of Clinical Biochemists (2003-2007), Chair of the Faculty of Science RCPA (2012-2018) and is Chair of the Education and Laboratory Management Committee of the Asian Pacific Federation of Clinical Biochemistry. Prof Badrick is also the regional IFCC representative for Asia-Pacific region.

Click on the link to listen to Prof Badrick's podcast: <https://eacademy.ifcc.org/courses/assessing-and-reviewing-test-clinical-utility/>



Prof Tony Badrick, speaker of the first TF-OSLM Podcast

IFCC Abbott Visiting Lecture Programme (VLP): 21st Chilean Congress of Clinical Chemistry and Laboratory Sciences, Santiago de Chile, August 2024.

By **Eduardo Aranda**, National Representative, Sociedad Chilena de Química Clínica

The 21st Chilean Congress of Clinical Chemistry and Laboratory Sciences was held at the Intercontinental Hotel Event Center, Santiago de Chile, August 21-22, 2024.

It was organized by the Chilean Society of Clinical Chemistry (SCHQC) with the sponsorship of the Latin American Conference of Clinical Biochemistry (COLABIOCLI) and the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)

The theme of the congress was “Artificial intelligence applied to precision medicine from the clinical laboratory”

Three pre-congress courses were held on August 20, 2024, at the headquarters of the Universidad Andrés Bello and Universidad Diego Portales.

The courses were:

- Clinical and Morphological Update in Urinary Sediment Analysis.
- Role of the Clinical Laboratory in Regenerative Medicine
- Operational Excellence applied to the Clinical Laboratory

The scientific program of the congress had 8 symposia, two round tables that had 29 speakers presenting topics of clinical biochemistry, laboratory medicine, AI. Also, eight workshops on the in vitro diagnostics industry and six plenary conferences took place. Additionally, 37 scientific posters were presented in the Congress. The attendance among students, clinical laboratory professionals and academics was 347 people. A total of 18 companies exhibited their products in the EXPOLAB.

Among the speakers we had the privilege of having Professor K. Adeli. His attendance was supported by the VLP Abbott and he gave two plenary lectures: “Critical Importance of Post-analytical Quality in Total Quality Management” (30 min).

“Harnessing Big Data Analytics for Transformative Advances in Laboratory Medicine: Unlocking a Promising Future”. (45 min). Prof. Adeli shared his experiences with members of the SCHQC and met with the organizers and board members.



Prof. K. Adeli during his presentation



(L-R) Eduardo Aranda, National Representative, Angelica Lagos, President Sociedad Chilena de Química Clínica, Prof. Khosrow Adeli, Natalia Serrano, Katherine Montoya and Carolina Valenzuela member of organizing and scientific committees

IFCC Professional Scientific Exchange Programme: My experience at Fares Taie Institute of Clinical Analysis in Mar del Plata, Argentina.

By **Diana Carrera**, Centro Médico de Especialidades Morán, Quito, Ecuador

Being a biochemist is like navigating an ever-changing ocean of knowledge, where each advancement in laboratory medicine invites us to reinvent ourselves and refine our practice. On this journey, continuous learning is not just an option but a necessity, a compass guiding us toward professional excellence and a commitment to the health of our community.

The International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) understands this mission, and through its professional exchange program, extends a hand to those of us who are dedicated to continuous improvement. My name is Diana Carrera, from Ecuador, and I had the honor of receiving the IFCC PEP Scholarship, which allowed me to complete a rotation at the Fares Taie Institute of Clinical Analysis in Mar del Plata, Argentina.

At this prestigious center, I had the opportunity to delve into the fields of Microbiology and Molecular Biology, where each day brought new opportunities to learn, reinforce, and apply diagnostic techniques, many of which I had only encountered in theory before. The training was highly practical, led by the expert hands of biochemists such as Drs. Leonor Guerreiro, Carla Pijuan, Victoria Elorza, and Silvina Giustina. These women, with their vast experience and deep knowledge in their fields, along with the technical team composed of Lili, Flor, Nube, and Yami, shared their expertise with immense generosity. They showed that experience is not only taught but lived and passionately passed on.

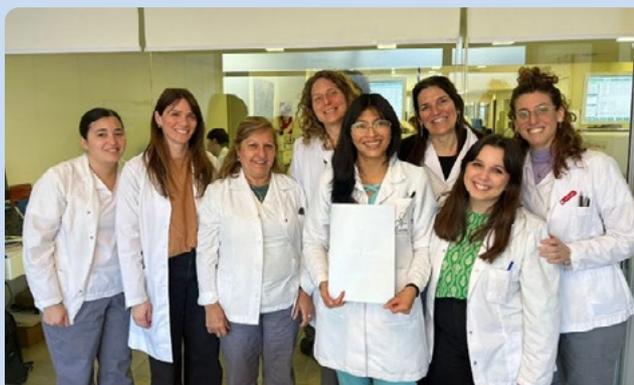
From the intake of samples to the issuance of reports, I experienced the complexity and beauty of microbiology in its entirety. I had the privilege of working with a wide variety of samples: urine, secretions, bones, tissues, and blood, each one telling its own unique story. I learned to analyze complex resistance mechanisms and select the appropriate antibiotics for each case, a process that requires precision and a deep understanding. In molecular biology, I explored the diagnosis of infectious diseases, engaging in every step of the process - from extraction and control inclusion to reagent preparation, PCR execution, and even genotyping through sequencing.

This experience has opened a world of possibilities for me. Beyond professional growth, being part of an international environment allowed me to learn from another culture and establish professional connections that transcend borders. Representing Ecuador and sharing my culture with others has been an honor, reminding me that science unites us not only through knowledge but also through the shared humanity present in every corner of the laboratory.

I cannot conclude without expressing my deepest gratitude to Dr. Santiago Fares Taie, who was my first point of contact and gave me the invaluable opportunity to experience this. Thank you for opening the doors of your institute and welcoming me with the warmth and commitment that make Fares Taie such an exceptional place to learn and grow.

The IFCC PEP Scholarship has been a reminder that when we strive for excellence, effort and dedication are always rewarded. Today, more than ever, I am motivated to keep learning and to give back everything I have received, with the same spirit of generosity I found in each of my mentors. Thank you for believing in me and allowing me to dream big!

IFCC Professional Scientific Exchange Programme: My experience at Fares Taie Institute of Clinical Analysis in Mar del Plata, Argentina.



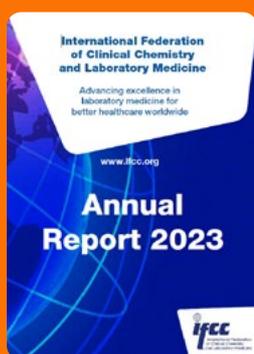
L-R: Tec. Florencia Verón; Dra. Victoria Elorza; Téc. Liliana Sayago; Dra. Silvina Giustina, Bq. Diana Carrera, Dra. Leonor Guerriero, Dra. Carla Pijuan, Téc. Yamila Sanz



L-R: Tec. Yanina Ortiz, Bq. Diana Carrera, Téc. Liliana Sayago, Téc. Florencia Verón.



L-R: Bq. Diana Carrera; Dr. Santiago Fares Taie



The IFCC Annual Report 2023 can be downloaded at following link: https://ifccfiles.com/2024/09/IFCC_2023_Annual_Report_FINAL.pdf

Previous years' IFCC Annual Reports are also available at: <https://ifcc.org/executive-board-and-council/ifcc-annual-reports/>

IFCC Professional Scientific Exchange Programme: my experience at Tübingen University Hospital, Tübingen, Baden-Württemberg, Germany.

By **Mai Ly Thi Nguyen**, MD. PhD, The department of Biochemistry, Military Hospital 103, Vietnam Military Medical University, Hanoi, Vietnam

I am Nguyen Thi Mai Ly, MD. PhD. I work at the department of Biochemistry, Military Hospital 103, Vietnam Military Medical University, Hanoi, Vietnam. I am a member of Vietnam Association Clinical Biochemistry (VACB).

I have been funded with 2024 PSEP program to go to Germany from June to August 2024. My host lab was M3 research institute, Tübingen University Hospital, Tübingen, Baden-Württemberg, Germany.

My visiting course could not finish well without the great support from sponsor, host lab and my society. My first thanks are to my VACB and IFCC, not only for financial support but also for the encouragement and companionship. I would like to thank Prof. Nisar Malek, the director of Internal Medicine I, for his continuous supervision. I appreciate the great kindness and support from the lab manager, Dr. Przemyslaw Bozko and all my lab mates. My gratefulness is for my teachers and colleagues in the department of Biochemical, Military Hospital 103 for taking over my daily work during that period and always encouraging me to pursue a scientific career.

1. Purpose of the course

Aware of the leading role of Biochemistry in medical science but less dominant in Vietnam, I put my effort to promote Biochemical basic research in Vietnam, initially in Vietnam Military Medical University. My ambition was initially supported with the project “*Synthesis of recombinant sgp130 to target IL-6 trans-signalling and application for treatment of some human cancer types in vitro and in vivo*”. Unexpectedly, I have faced some difficulties during the initial period of the project which I believed to solve after the exchange program.

2. Detail scientific plan and result

The purpose of my project is to synthesize sgp130 recombinant protein. Due to low transfection efficacy that I faced in Vietnam I planned a three-month visit in the host lab. I have tried with new sgp130-encoding sequence. The plasmid carrying sgp130-encoding sequence has been successfully transfected into Hek 293 with high transfection efficacy. I have created two transfected cells, Hek SgpFc and Hek Sgp130FcHis, that carry sgp130Fc-encoding sequence (published sequence) and sgp130FcHis- encoding sequence (our optimized sequence), respectively.

The presence of inserted sequences was checked by specific PCR which only amplified inserted sgp130-encoding sequences, but not natural gp130 of the naïve cells if present.

Over the expectation and plan, we confirmed the possibility to synthesize sgp130 protein by ELISA and western blot. The ELISA quantification detected high concentration of synthesized sgp130 (around 5ng/mL) in supernatant of Hek transfected cells but not Hek WT cells. The western blot using anti-gp130 antibody showed a band at the expected molecular weight in the supernatant of Hek transfected cells but not Hek WT cells.

In addition, I have checked anti-cancer property of two transfected cell lines by culture of cholangiocarcinoma TFK1 cells with Hek WT, Hek sgpFc and Hek sgpFcHis. We have found that co-culture with Hek sgpFcHis inhibited proliferation and migration as well as down-regulation of p-STAT3, a down-streaming target of IL-6 signaling. In addition, treatment by the cell culture supernatant of Hek sgpFc and Hek sgpFcHis cells inhibited proliferation of TFK1 cells. Noticeably,

the concentration of sgp130 in supernatant of Hek sgpFc is lower, and the anti-cancer effect of Hek sgpFc is less than Hek sgpFcHis. The result indicated that, the recombinant protein synthesized by our optimized sequence showed superior anti-cancer effect.

3. The achievement

After the exchange period, following impact and benefit was achieved:

- I have solved the issue of the project. The protein has been successfully synthesized. I have tested different ways to solve the problems which enhanced my expertise and supported my scientific work in the future. I am more confident to perform scientific work independently.
- I have been better trained during the exchanging period which allows me to supervise better my students and establish the techniques in Vietnam. The establishment of the lab not only benefits by scientific activities but also contributes significantly to educational program, especially post-graduate education.
- The success of the trip and project supported significantly to close the collaboration between VMMU and host university, as well as open new collaboration opportunity. The director of host lab, Prof. Nisar Malek is willing to support and develop more collaborations with VMMU.
- The results I have obtained during the visiting period are part of an international manuscript (in preparation) and possibly a project (in preparation).



L-R: Dr Nguyen Thi Mai Ly with Ordinator of experimental PhD program of the University of Tübingen: Dr. Inka Montero



Dr. Nguyen Thi Mai Ly working in the lab

IFCC Professional Management Exchange Programme: my experience at the Liège Lab, Belgium

By **Georgia Kapoula**, Biochemistry Department, General Hospital, Lamia, Greece

Introduction

I am currently the Director of the Clinical Biochemistry Laboratory in a Greek provincial hospital, where we have implemented automation since 2019, though on a smaller scale compared to the fully automated setup at the Clinical Chemistry Lab in Liège, which I observed during my one-month stay at the Clinical Chemistry Lab in the University hospital of Liège. Our goal is to achieve accreditation in the near future, and my stay at the Liège lab has provided me with invaluable insights and experience in advanced automation and the rigorous processes involved in maintaining high standards for accreditation, which I aim to apply to improve efficiency and quality in our own facility.

Accordingly, I would like to sincerely thank The Greek Society of Clinical Chemistry-Clinical Biochemistry and furthermore the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) for awarding me the scholarship that made my participation in the Professional Management Exchange Program (PMEP) at the Clinical Chemistry Lab in Liège possible. This generous support has provided me with an exceptional opportunity to advance my knowledge in laboratory automation and accreditation, and to gain invaluable insights from a world-class facility.

Finally, and importantly, I would like to extend my heartfelt gratitude to Professor Etienne Cavalier who is the Head of the Department of Clinical Chemistry of the University Hospital of Liège Clinical Chemistry Lab in Liège and the entire team for their warm hospitality and unwavering support throughout the Professional Management Exchange Programme (PMEP) training. Their dedication, expertise, and willingness to share valuable knowledge have made this experience truly enriching. The insights gained from observing their state-of-the-art, fully automated lab and learning about the meticulous processes behind accreditation have been invaluable. I am deeply appreciative of their time and effort invested by every member of the team in making this training both educational and inspiring. I would like to thank them again for providing such a welcoming and enlightening environment.

As far as the training program is concerned, I would like to highlight that the PMEP is an exceptional initiative designed to strengthen leadership and management skills while encouraging knowledge exchange across laboratories. This program was particularly focused on the workings of a fully automated clinical chemistry laboratory, emphasizing the importance of quality management systems and accreditation processes. Specifically, some of the activities undertaken include:

- a) **Observation and Engagement with the Fully Automated Lab.** I had the opportunity to observe how automated systems manage workflows, including pre-analytical, analytical, and post-analytical phases. These systems allow for increased throughput, reduced error rates, and faster turnaround times for clinical test results.
- b) **Accreditation Focus and Quality Management Systems.** The Liège Lab is accredited under international standards, which defines the requirements for quality and competence in medical laboratories. A significant part of my training involved understanding the rigorous accreditation process and the importance of maintaining these high standards. This involved a detailed look at the quality management systems.
- c) **Quality Control Mechanisms:** I was introduced to the advanced quality control systems used in the lab, including both internal quality assurance measures and participation in external quality assessment programs. These mechanisms are critical for ensuring the reliability of test results and maintaining trust in the lab's services.
- d) **Leadership in Lab Management:** Learning about the role of leadership in maintaining accreditation

standards and promoting a culture of quality and excellence.

e) Data Management and Informatics: Understanding the role of laboratory information management systems (LIMS) in tracking samples, managing data, and ensuring compliance with regulatory standards.

A key benefit of the program was the opportunity to collaborate with professionals from the lab. This cross-sector exchange allowed me to gain diverse perspectives on management challenges and approaches, which I can apply to my own work environment. The PMEP also facilitated direct interaction with senior lab managers and clinical chemists, providing opportunities for mentorship. I received personalized advice on best practices for managing lab operations, achieving accreditation, and ensuring compliance with global standards.

I highly recommend the PMEP training at Liège Lab for professionals seeking to develop their leadership skills, enhance their ability to manage innovation, and expand their global network.



The fully automated clinical Chemistry Lab



The dispatching area of the lab with a pneumatic tube system

IFCC Professional Scientific Exchange Programme: My experience at the Johns Hopkins Bloomberg School of Public Health in Baltimore, Maryland, United States

By **Eliane Wenstedt**, Erasmus Medical Center, Rotterdam - The Netherlands

The IFCC Professional Scientific Exchange Program (PSEP) granted me the opportunity to serve as a Visiting Fellow at the Klein Lab, a renowned research immunology lab led by prof. Sabra Klein at the Johns Hopkins Bloomberg School of Public Health in Baltimore, Maryland, United States. The visit was part of my 3rd year Residency in Clinical Chemistry at Erasmus Medical Center, a tertiary hospital in Rotterdam, The Netherlands, where I aim to specialize in the fields of Endocrinology and Immunology and their interplay. The program enabled me to profit from the specialized immunological knowledge at the Klein Lab and to combine it with the endocrinological and clinical diagnostic expertise at Erasmus MC, both for research and diagnostic purposes.

Regarding diagnostic goals, I was able to learn specialized research techniques at the Klein Lab that are valuable for innovative diagnostics in (the combined fields of) Endocrinology and Immunology. Erasmus MC has several functional assays in these fields running in research labs, that could be very valuable if optimized and made suitable for use in the diagnostic setting. For this goal, learning assay techniques from the Klein Lab specifically focused on hormone-immune cell interactions and antibody-antigen interactions, benefits optimization of these functional assays. Among others, the Klein Labs runs functional cell-based models of steroid hormone exposure to immune cells with various read-outs varying from flow cytometry to PCR to immunoglobulin ELISAs, ELISPOT techniques, single cell RNA sequencing, and systems serology to study antibody functioning like Fc-receptor binding of immunoglobulin subsets. From the clinical chemist's point of view, it is very interesting to have to consider demands that make a research assay suitable or unsuitable for translation to the clinical diagnostic lab. Furthermore, besides being able to gain experience in a specialized research lab at Johns Hopkins, I was able to experience the general clinical chemistry lab and the diagnostic immunology lab at Johns Hopkins Hospital, where I was welcomed and guided by prof. Lori Sokoll, dr. Bernice Agana, and prof. Mario Caturegli.

Research wise, the experience has proven to be very fruitful, with potential future collaborations between the Johns Hopkins School of Public Health and Erasmus MC. A main focus of the Klein Lab is aimed at uncovering sex difference in (vaccine-induced) immunology, in which the interaction between sex steroids and immune cells is being increasingly recognized. The exchange program led us to set up a collaboration in which sex steroids of a large human cohort are measured using gold standard LC-MS/MS methods at Erasmus MC, while single-cell RNA sequencing of immune cells and other innovative techniques were performed at the Klein Lab. Manuscripts covering the interaction between (sex) steroids and immune cells are currently in preparation. Combining the immunological expertise from the Klein Lab with the endocrinological expertise of Erasmus MC holds significant promise for the research area of sex differences in immunology, and we are aiming to collaborate on future projects.

I am very grateful to the IFCC for granting me this opportunity, and to prof. Sabra Klein and all Klein Lab members who made this experience unforgettable!

IFCC Professional Scientific Exchange Programme: My experience at the Johns Hopkins Bloomberg School of Public Health in Baltimore, Maryland, United States



Eliane Wenstedt, 2nd on the left, with her colleagues of the hosting lab, in a relaxing moment



An educational moment during the IFCC PSEP at Klein Lab, where Prof. Sabra Klein is portrayed.

IFCC Webinars

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2024
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**IFCC Live Webinar on
"Future challenges of Laboratory Medicine"**



Moderator



Dr. Eduardo Freggiaro
[Argentina]
Regional Representative Elect
(COLABIOCLI)

Present and future of the
Clinical Analysis Laboratory



Dr. Antonio Buño
[Spain]
Hospital Universitario La Paz
Madrid

Big data in leukemia in
children



Dr. Carmen Gómez de León
[Mexico]
Federico Gómez Children's
Hospital of Mexico

Maternal Thyroid Profile
Predicts Gestational
Diabetes Mellitus (GDM)
using Machine Learning



Dr. Enrique Guzmán Gutiérrez
[Chile]
University of Concepcion

Date: September 18th, 2024

Time: 8 AM (Eastern Daylight), 2 PM (Central European), 8 PM (China Standard)



The On Demand content is now available

[English version](#)
[Spanish version](#)

Mass Spectrometry Meets Clinical Laboratories

On behalf of the IFCC Scientific Division and the Greek Society of Clinical Chemistry- Clinical Biochemistry, we have the pleasure of announcing a joint Clinical Mass Spectrometry congress for diagnostic purposes. The Congress title of this event is “Mass Spectrometry Meets Clinical Laboratories”. The conference will be held as a hybrid (physical presence and virtual) facilitating colleagues who cannot attend in person and enjoy the superb Athens atmosphere at this time of the year.

The congress will take place in the center of Athens. Many of the most important Athens museums are within walking distance, and the Acropolis of Athens is just two metro stops from the congress site.

But the most important is the congress program which includes all the existing information of this exciting technology, introduced more and more in clinical laboratories. Distinguished scientists from all over the world will speak about all the clinical applications regarding mass spectrometry. The two last days of the congress will be included in the 22nd National Congress of the Greek Society of Clinical Chemistry - Clinical Biochemistry, but for the lectures presented in Greek there will be simultaneous translation into English.

The main topics to be covered are the following:

Mass spectrometry in the clinical laboratory – What is it about?

LC-MS/MS in TDM (therapeutic drug monitoring) – Addressing new clinical needs fast

LC-MS/MS applications in Endocrinology – Improving the diagnosis and treatment of endocrine diseases

Manufacturer’s viewpoint on the future of mass spectrometry in diagnostics

Ensuring the quality of measurements for mass spectrometry assays – is there anything special?

Mass spectrometry as a new tool in the laboratory portfolio – Is it value for money?

Clinical mass spectrometry - beyond small molecules: Quo Vadis?

As mentioned before more lectures will be presented during the 22nd National Congress of Greek Society of Clinical Chemistry - Clinical Biochemistry with simultaneous translation into English and with more topics on the use of mass spectrometry like biomarkers of metabolomics, newborn screening, the measurement of vitamins and their metabolites (focus on vitamin D metabolites), sickle cell disease, and coronary artery disease.

At the end of these 4 days, participants will have acquired a lot of knowledge on mass spectrometry and its clinical applications. As the organizers say in their welcome address:

“The success of the congress will depend largely on your cooperation and participation!”.



Call For Outcome Study Proposals



EXTENDED DEADLINE
November 1st, 2024

The IFCC Task Force on Outcome Studies in Laboratory Medicine (TF-OSLM) is seeking research proposals for studies evaluating the **impact of laboratory testing on healthcare outcomes**.

Submit your proposals to contribute to this vital field and help enhance healthcare through innovative laboratory research.

It is crucial to demonstrate that the study links the laboratory testing to patient management, and improvements/changes in clinical outcomes.

Please refer to <https://doi.org/10.1093/clinchem/hvad132> for details.

Timeline Release date: June 25, 2024

Extended Application deadline: November 1st, 2024@ 11:59 PM EST

Award notification: December 20, 2024

Application process

- Applications and supporting documents (in PDF format) must be submitted via the Application form link: https://docs.google.com/forms/d/e/1FAIpQLSeG7A0TQoPjyK8GBSfO_tXgErYSrdY5fGRtMKRbdZGWvHXdEA/viewform?pli=1
- For any questions, please email the IFCC Office (smeralda.skenderaj@ifcc.org).

For further information about the TF activities, please visit:

<https://ifcc.org/executive-board-and-council/eb-task-forces/task-force-on-outcome-studies-in-laboratory-medicine-tf-oslm/>

IFCC WorldLab Congress 2028: Call for bids



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website: <http://www.ifcc.org/>

From: Tomris Ozben (IFCC President) - Päivi Laitinen (IFCC C-CC Chair)
Date: 20 September, 2024
Ref: Invitation to bid for WorldLab 2028

To : Presidents/National Representatives/Regional Federations
IFCC Member Societies

Ref: Invitation to host the IFCC WorldLab 2028
27th International Congress of Clinical Chemistry and Laboratory
Medicine (ICCLM)

Dear President/National Society Representative/Regional Federation,

The IFCC WorldLab is one of the most significant international scientific congresses in the field of Clinical Chemistry and Laboratory Medicine. The WorldLab also hosts the IFCC Council and serves as the focal point for the activities of IFCC and its working relationships with its Regional Federations and Full Member Societies. It is normal practice for the WorldLab to be hosted by one or more of the Full Members and we invite you to consider whether your society may wish to host the 28th IFCC WorldLab in 2028, in collaboration with your Regional Federation.

Accompanying this letter is a copy of the **Updated Guidelines** for organising a WorldLab as well as the **Application Form**. Guidelines outline the terms, conditions and procedures that will apply and the nature of the working relationship between IFCC, Regional Federation and the host society. Based on the new guidelines, the IFCC WorldLab Congresses will be held every TWO (2) years (2026, 2028, 2030). The IFCC conference in Europe (EuroMedLab) will be held jointly with EFLM in alternate years (2025, 2027, 2029).

Any Full Member Society outside Europe may apply to host the 28th WorldLab in collaboration with their Regional Federation. Completed application forms should be submitted electronically by e-mail to the IFCC Office (Silvia Cardinale at ifcc@ifcc.org) to arrive not later than **January 31st, 2025**.

We kindly invite the bidding societies for WL 2028 to review the enclosed document entitled 'Sustainability Actions for Congresses' and to commit to implementing strategic sustainability actions to ensure that WorldLab 2028 is a sustainable event.

Sincerely yours,

Prof. Tomris Ozben
IFCC President

Dr. Päivi Laitinen
Chair of the IFCC Congresses and
Conferences Committee (C-CC)

IFCC: the people

IFCC Calls for Nominations

Participate into IFCC activities and give your contribution! Review the open positions and, if interested, contact your National or Corporate Representative. Currently following call for nomination are open:

Emerging Technologies Division (ETD)

- [Committee for Emerging Technologies in Pediatric Laboratory Medicine \(C-ETPLM\)](#)
1 Member position - see [here](#) the call for nominations
- [Committee on Mobile Health and Bioengineering in Laboratory Medicine \(C-MHBLM\)](#)
2 Member positions - see [here](#) the call for nominations



Please send above ETD nominations to Silvia Colli Lanzi (colli-lanzi@ifcc.org) by 10th November 2024

IFCC Live Webinar on Current and future perspectives on measuring natriuretic peptides



Moderator

Natriuretic peptides as tools for diagnostic and prognostic assessment; current clinical use

Clinical utility of measuring low concentrations of natriuretic peptides

Reporting low concentrations of natriuretic peptides; what analytical quality is needed?



Prof. Fred Apple
[USA]

Medical Staff, Laboratory Medicine & Pathology
University of Minnesota



Prof. Torbjørn Omland
[Norway]

Professor of Medicine
University of Oslo



Prof. Allan Jaffe
[USA]

Cardiologist
Mayo Clinic, Minnesota



Prof. Kristin Moberg Aakre
[Norway]

Consultant, Haukeland University Hospital
University of Bergen

Date: September 23rd, 2024

Time: 8 AM (Eastern Daylight), 2 PM (Central European), 8 PM (China Standard)



On Demand content is available [here](#)

IFCC: the Young Scientists

Meet a Young Scientist from the IFCC Task Force-Young Scientists

Spotlight on: Karen Heverin, IFCC Task Force-Young Scientists corresponding member from Ireland, nominated by the Association of Clinical Biochemists in Ireland (ACBI)



Could you please introduce yourself?

My name is Karen Heverin, I am 33 years old and I live in the beautiful, vibrant city of Galway in the west of Ireland, which was named the European Capital of Culture in 2020. I live with my husband John & our miniature schnauzer named Fozzy. Outside of the laboratory I like to run socially, I love reading, yoga, pilates and I frequently go swimming in the sometimes ice cold Atlantic ocean!

Could you share a bit about your background?

I am a Clinical Biochemist, I have worked in various public hospitals across the country of Ireland for just over 9 years now. I am working as a Principal Clinical Biochemist in the Department of Clinical Biochemistry at University Hospital, Galway.

What is your current role in the lab?

My daily activities vary widely, and it is what I love most about my job. I could be working on laboratory development projects individually or with the clinical team. I perform audits, update protocols and procedures in line with new research/publications/guidelines. I review IQC & EQA and troubleshoot any issues that might arise. If I am Duty Biochemist for the day I could be taking clinical queries by phone or email, authorizing results, communicating with users highlighting important changes in patient results or results requiring immediate attention. I also communicate with colleagues in different hospitals in relation to testing done externally to ensure any urgent patients samples get appropriately prioritised. It is a spectrum! You never know what query you will get in the

laboratory, and what I love about the hospital I work in now is we serve patients of all ages as we have maternity, pediatric and adult units as well as serving a wide general practice area.

Could you give us a brief introduction to your national society and its main activities?

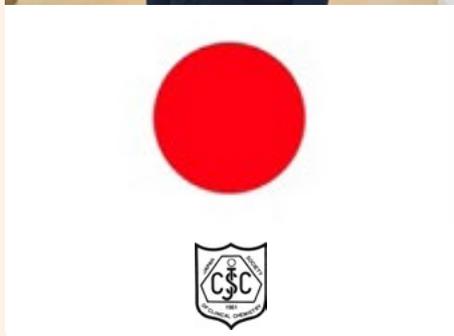
I represent the Association of Clinical Biochemists in Ireland (ACBI). I also serve as Honorary Treasurer on the council of the ACBI. Our national society, the ACBI, has numerous activities annually, such as our 46th annual conference, which takes place on 8th & 9th November 2024. We also have an annual training day for all members. We produce a bimonthly newsletter, which contains a selection of articles, advertisements of member's publications, notices of upcoming meetings of interest taking place, which may be of interest. Many of our members also represent our society on national and international working groups.

Can you highlight some of the key activities that you had with the IFCC Task Force-Young Scientists? Last year I attended the World Lab/Euro Med Lab in Rome. I got to meet the full members on the IFCC TF-YS as well as many other fellow corresponding members from around the world. We had our own congress to discuss the strategy for the year ahead for the TF-YS and it was interesting to hear all the ideas of the young scientists. We also attended a social evening hosted by the SIBioC which was great fun. The entire conference was a wonderful networking opportunity and allowed me to forge friendships with other young scientists around the world.

How can YS from your national society get additional information about the activities of the association and activities with the TF-YS?

The ACBI website lists me as corresponding member of the IFCC TF-YS so all of our members know who to contact to find out more information about this working group and its initiatives. I periodically email all young scientist members in our national society advertising opportunities/information relevant to them.

Spotlight on: Kohki Okada,
IFCC Task Force-Young
Scientists corresponding
member from Japan, nominated
by the Japan Society of Clinical
Chemistry (JSCC)



Could you please introduce yourself?

My name is Kohki Okada. I am currently working as a faculty member majoring in clinical chemistry at Kyoto Tachibana University, Kyoto, Japan. Before that, I worked as a biomedical laboratory scientist in a general hospital, involved in clinical chemistry, clinical immunology and hematology.

Could you share a bit about your background?

My profession is a faculty member, and my current position is an assistant professor. I primarily provide lectures and practical training in clinical chemistry to university students.

What is your daily activity?

I usually give lectures to university students on weekday mornings. I teach practical training to students mainly in the afternoons. On the days when I do not have those duties, I am engaged in research activities. My two main research topics are (i) the elucidation of the pathogenesis of ulcerative colitis and the development of the biomarkers and (ii) the establishment of new laboratory methods for detecting natural toxins in biological samples. Both teaching and research activities are stimulating, and I enjoy every day of my life because of them.

Could you give us a brief introduction to your national society and your main activities in the society?

The national society, Japan Society of Clinical Chemistry, is an organization with a history of over 60 years. I have been a member of this society for more than 10 years, and I have been able to make active research presentations and interact

with other clinical technologists. In addition, I am a member of the Young Scientists Development Committee in the society. As a member of this committee, I'm organizing and managing online workshops and series of symposiums that would be useful for young scientists.

Can you highlight some of the key activities that you had with the IFCC Task Force-Young Scientists?

In collaboration with other members of the IFCC TF-YS, we created a video to encourage biomedical laboratory scientists striving to suppress the COVID-19 pandemic. This video is now available on YouTube, in which I also make an appearance as a representative of young scientists in Japan. In addition, to providing useful information on the pathology of COVID-19, I gave a presentation entitled "S100 proteins as potentially therapeutic targets of the cytokine storm in COVID-19" at the IFCC Global Conference on COVID-19; Critical Role of Clinical Laboratories in the COVID-19 Pandemic (virtual conference). In the years ahead, I would like to participate more in IFCC TF-YS activities and actively interact with young scientists.

What are your future goals?

I enjoy participating in international conferences and have presented my research at conferences

in France, China, Korea, the USA, and Thailand. It is now my desire to attend more IFCC conferences and to exchange ideas with many scientists. My short-term goal is to participate in conferences of the other countries and to present my research. My long-term goal is to develop my research into a technology that will make laboratory medicine more useful. I hope that the findings of my research will one day contribute to medical services, and I am making daily efforts to achieve this. I appreciate your reading this interview all the way through.

Spotlight on: **Charles Lefèvre**,
IFCC Task Force-Young
Scientists corresponding
member from France, nominated
by the Société Française de
Biologie Clinique (SFBC)
Chemistry (JSCC)



Could you please introduce yourself?

My name is Charles Lefèvre, I am a corresponding member of the TF-YS of the IFCC from the French national society of clinical chemistry and laboratory medicine (Société Française de Biologie Clinique).

Could you share a bit about your background?

I work as a Clinical Biochemist at Rennes University Hospital in France and as a Biochemistry lecturer at the faculty of Medicine of Rennes University.

I have a PharmD, MSc education, with a specialization in Laboratory Medicine granted by a four-year residency in French public Hospitals. My area of expertise is Clinical Biochemistry with a particular interest in sources of errors in laboratory medicine, hormonology, and inborn errors of metabolism, especially energetic metabolism defects. In this view, I will start this year a PhD in cellular and molecular Biochemistry to study energetic defects in acute liver failure.

What is your current role in the lab?

I work in a Clinical Biochemistry laboratory, participating in reporting general and specialized biochemistry results to address clinicians' questions. In particular, we work on a multi-disciplinary basis in the field of inborn errors of metabolism, in collaboration with Pediatricians, Medical Geneticists and pediatric ICU specialists. In addition, I supervise residents and promote laboratory research projects.

Could you give us a brief introduction to your national society and your main activities in the society?

The French national society, Société Française de Biologie Clinique (SFBC), is a non-lucrative association of public utility, and the French lean society of laboratory medicine. It was founded in 1942 to gather laboratory medicine specialists from academic, public and private sectors with an aim of enhancing laboratory medicine best practices, providing continuous high-quality education and looking ahead to the future of laboratory medicine.

As a member of SFBC, I participate in the activities of the society. In particular, I am the corresponding member of the TF-YS of IFCC on the behalf of SFBC. In addition, I am chair of the French working group on sources of errors in laboratory medicine, and I am involved in the organization of webinars to promote education.

Can you highlight some of the key activities that you had with the IFCC Task Force-Young Scientists?

I joined the TF-YS in late 2023 and since then I had the chance to participate in the organization of the poster tour for IFCC Worldlab in Dubai, the Global Med Lab Week 'Labs Save Lives', and the Clinical Case Study project, allowing young scientists to present their work through cases presentation.

In the future, I would like to participate in the organization of the next YS forum in Brussel

EuroMedLab – WorldLab in 2025 and propose international collaborations on clinical biochemistry projects.

How can YS from your national society get additional information about the activities of the association and activities with the TF-YS?

I would be very glad to discuss IFCC TF-YS to fellow clinical biochemists. My contact is charles.lefevre@chu-rennes.fr.

Contribute to IFCC eNews

Global Recognition Awaits – Get Started Today!



If you are a passionate healthcare professional who has collaborated through strategic initiatives with measurable outcomes, then now is the time to apply for global recognition through the UNIVANTS of Healthcare Excellence award program.

The UNIVANTS of Healthcare Excellence award program is a global, prestigious award program that recognizes best practices of healthcare excellence. Through 8 prestigious health-centered organizations, including Abbott, IFCC, AACC, Modern Healthcare, National Association for Healthcare Quality (NAHQ), European Health Management Association (EHMA), Institute of Health Economics (IHE), Healthcare Information and Management Systems Society (HIMSS), the UNIVANTS of Healthcare Excellence awards inspire, recognize, amplify, and celebrate laboratory-enabled best practices in healthcare.

To be eligible for potential recognition, submitted applications must meet the below eligibility criteria:

1. The clinical care initiative must be implemented into clinical practice.
2. The metrics must fall under a singular clinical care effort.
3. The clinical care initiative must include at least three disciplines (including Laboratory Medicine/ Pathology).
4. There must be at least one measurable impact or Key Performance Indicator (KPI) associated with each of the four stakeholders: patients, clinicians, health systems/ administration, and payors.
5. Impact can be assessed quantitatively (preferred) or qualitatively, but there must be at least two quantitative metrics and no more than four qualitative metrics.

Applications for the 2025 UNIVANTS of Healthcare Excellence awards are now possible with a deadline of Nov 15, 2024. Applications are open to all integrated clinical care teams and are free to apply. Applications must be free from bias, without any products or manufacturer names included. To submit your application today and/or learn about past winners, please visit the [UNIVANTS](#) website. For questions, please reach out to UnivantsOfHealthcareExcellence@abbott.com.



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The **UNIVANTS** of Healthcare Excellence Award recognizes teams who collaborate across disciplines and transform healthcare delivery, and ultimately patient lives.

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IN PARTNERSHIP WITH



News from Regional Federations and Member Societies

The German Society for Clinical Chemistry and Laboratory Medicine (DGKL), launches MedLabPortal

Germany receives the first information portal operated by a medical society for laboratory medicine. MedLabPortal (www.medlabportal.de) offers daily news as well as a chatbot based on the latest Large Language Model (LLM) technology from Open AI.

The tool, which runs under the name INVI, is not a pure copy of ChatGPT. Rather, it is a version of the AI specially tailored to MedLabPortal, which relies on the expert knowledge of the German Society for Clinical Chemistry and Laboratory Medicine (DGKL). INVI is currently in the start-up phase and is fed with exclusive data from the DGKL. In this way, users of MedLabPortal will be able to ask specific questions in the medium term, to which the DGKL will provide an answer via INVI.

What is particularly new here is the concept of generated answers. Unlike the classic versions of generally accessible language models, the interdisciplinary team behind INVI trains the chatbot to output short answers. In this way, complex topics, focused in a single paragraph, are output as initial orientation. Anyone wishing to delve deeper into the subject matter can find more detailed information via the portal's classic search mask.

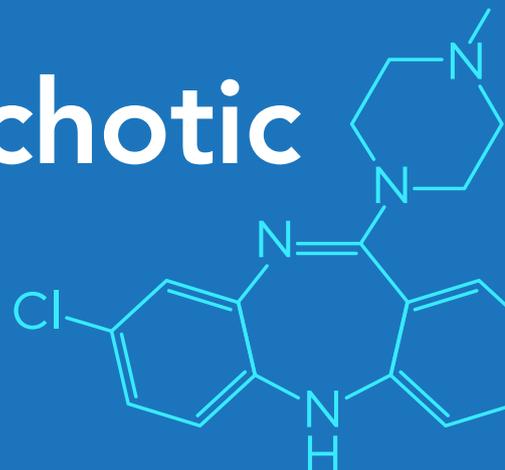
Another special feature is the integration of the newly programmed members' area. Here you will find online groups of the individual sections of the DGKL. Within the groups, members can exchange information directly on current topics, plan congresses and events or work internally on statements from the specialist society.

In addition, MedLabPortal offers companies and researchers the opportunity to draw attention to their innovations and publications. The "Corporate News" section contains announcements from companies, while abstracts from medical journals can be found in the "Original Papers" section.

In this way, MedLabPortal is becoming the digital hub for all matters relating to laboratory medicine.

The screenshot displays the MedLabPortal website interface. At the top, there is a navigation bar with the MedLabPortal logo and several menu items: BRANCHENREGISTER, FORSCHUNGSATLAS, STELLENPORTAL, TERMINE, FÖRDERANGEBOTE, POLITIK, FORSCHUNG, GESUNDHEIT, DIGITALISIERUNG, NACHHALTIGKEIT, ORIGINAL PAPERS, and CORPORATE NEWS. The main content area features a grid of news articles. The first article is titled 'EIMELDUNG: KEIN LIDOCAIN MEHR BEI INTRAOSÄREM ZUGANG IN DER KINDERNOTFALLMEDIZIN' and includes a photo of a man in a white lab coat. The second article is 'GEWALT GEGEN ÄRZTINNEN UND ÄRZTE ALARMIERT DIE KBV' with a photo of a doctor. The third article is 'WAS ÄRZTE EMPFEHLEN: SEPSIS RECHTZEITIG ERKENNEN' with a photo of a man in a white lab coat. The fourth article is 'BUNDEREGIERUNG: MASSIVE KÜRZUNGEN IM GESUNDHEITSETZ 2025' with a photo of a piggy bank. On the right side, there is a 'LOGIN' button, a search bar, and a 'MEISTGELESEN' section with a featured article about 'Massives Vogelsterben: Shikara-Virus dezimiert Deutschlands Amseln'. Below this is another article about 'Diabetes: Diabetes ist überlagert' and a third about 'Cyberangriff: LockBit greift Deutsche Telekom an'. At the bottom right, there is a 'WILLKOMMEN BEIM MEDLABPORTAL' section with a chatbot icon and the text 'Ich bin Invi, wie kann ich dir helfen?'.

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New IFCC Members

IFCC WELCOMES A NEW AFFILIATE MEMBER

By **Dr Moushumi Saikia**, Consultant Biochemist and Quality Head, Department of Laboratory Medicine, Apollo Hospitals Guwahati, Assam, India, General Secretary, ACCLMP Central



ACCLMP - Association of Clinical Chemistry & Lab Medicine Practitioners

The Association of Clinical Chemistry & Lab Medicine Practitioners [ACCLMP] is a pan India organization comprising chiefly of specialists and those undergoing specialist training in Clinical Biochemistry as well as Laboratory Medicine. Relatively a new kid in the block, the organization was established at the city of Kolkata, in the eastern part of India on 31st of January 2014. Since its inception, ACCLMP has not limited itself to a mere congregation of clinical chemists and lab medicine practitioners. On the contrary the pillars of the association have been systematically built on a collective consciousness of continuing team building, bonhomie and cohesive networking all with the sole intent of promoting the teaching and practice of all aspects of Clinical Biochemistry/ Laboratory Medicine as well as sharpening the quality of medical laboratory skills and services.

Encompassing almost the entire length and breadth of our sprawling country, the ACCLMP family now comprises of 20 out of India's total of 28 states with close to 1300 members, inclusive of primary /life members [medical specialist in Biochemistry or Lab Medicine or equivalent] having voting rights and the right to be elected in executive committee [EC] posts and affiliate members (post-graduate students of Biochemistry & Lab Medicine) eligible to avail all the facilities of the association except the right to contest elections for state & central ECs. The governance of the association is two-pronged, with each state having its own individual EC elected through annual state elections and a spearheading central EC whose members are elected by state EC representatives.

The association has successfully conducted 10 national conferences, one for every year of its existence, (all as onsite physical events), with the 11th ACCLMPCON 2025 about to be held at Guwahati, Assam, India from 11th to 12th January 2025, with preceding 18 preconference CMEs. The association has to date organized more than 110 pre-conference CMEs & workshops. Even the deadly COVID-19 pandemic, could not dampen this spirit. A total of no less than 14 webinars were successfully conducted during the same time. Moreover, the national conferences along with their ancillary pre-conference CMEs during the pandemic period, were successfully executed as onsite physical events.

Presently, the association is successfully conducting a comprehensive academic program primarily for her affiliate members, in the form of online PG seminars and journal clubs. Onsite training activities on Good Clinical-Laboratory practices [GCLP], as well as training on the new ISO 15189:2022 standard and awareness programs on "Medical Entry Level Testing M(EL)T recognition for Lab", in association with the National Accreditation Board for Testing and Calibration Laboratories [NABL], are also being conducted nation-wide, on a regular basis, for all members to become updated on the latest quality laboratory processes.

Our association also boasts of its own biennial in-house journal, the Journal of Applied Biochemistry & Laboratory Medicine; JABLM [ISSN 2583-4142 (Online) – Both National & International ISSN], an open access peer-reviewed journal, since October 2020. Our current issue of April 2024 is available at <https://jablm.acclmp.com/>

Since 2022, ACCLMP has obtained international recognition being a constituent member society of the World Association of Societies of Pathology and Laboratory Medicine [WASPaLM]. Our members have actively participated in the WASPaLM World Congress held in September 2023 and plan to continue this trend in the coming years too.

ACCLMP also understands her social obligations, transcending academic activities. Its members are thus deeply committed to undertaking several philanthropic activities, towards under-privileged children and adolescents who make up a significant portion of Indian society. Every year our members from different parts of India, come together to provide financial aid for meeting the needs of basic education of under-privileged children & adolescents as well as gifting them with new garments during Indian festivals.

We at ACCLMP, strive to uphold our dreams & goals with integrity and pride and continue to work tirelessly for achieving and realizing the same, as a single-minded entity.

For updates do visit us at: <https://www.acclmp.com/>



ACCLMP Authorities at the ACCLMPCON Congress that was held in January 2023 in Kolkata



ACCLMP Authorities at the ACCLMPCON Congress that was held in February 2024 in Udaipur

IFCC WELCOMES A NEW CORPORATE MEMBER



Nanjing RealMind Biotech Co., Ltd

Nanjing RealMind Biotech Co., Ltd (hereinafter referred to as RealMind), was founded in June 2015, with Headquarter in Nanjing, China. RealMind is a national High-Tech Enterprise specialized in R&D, manufacturing and sales of in vitro diagnostic products.

RealMind is committed to providing high-quality diagnostic products and continues to pursue its vision of "For better diagnosis." Over the years, RealMind has developed a comprehensive range of innovative in vitro diagnostic (IVD) platforms and has made great achievements for compact Fully Auto Chemiluminescence platform. Till the end of 2023, RealMind has achieved a total of 77+ NMPA product registration certificates and 100+ CE certifications.

MCL60 Fully Auto CLIA system, one of the most featured CLIA platform, being Distributed by Roche Diagnostics (China) in Mainland China, which can run whole blood and capillary blood sample directly without sample preparation like serum sample which offers a total different concept of Auto-CLIA comparing with other brands and it could much better fit in the different clinical application scenarios such as Pediatric, Obstetrics, Emergency, ICU department.

So far, RealMind CLIA platform has a comprehensive test menu including children's nutrition and growth, cardiac, inflammation, thrombosis, osteoporosis detection, diabetes, preeclampsia, anemia, brain injury, Alzheimer's disease, reproduction Thyroid, Tumor marker, and other clinical features

For China domestic market, over 50% of RealMind end users are most influential 3A top hospitals. Internationally, RealMind has customers in over 15 countries including US(LTD), Germany, Italy, Serbia, Turkey, Iraq, Thailand, Indonesia, the Philippines, etc.

Website: <http://www.realmindbio.com/>

26th IFCC-EFLM EUROMEDLAB
CONGRESS OF CLINICAL CHEMISTRY
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Preliminary scientific program soon available

Registrations and abstract submission open in November 2024

IFCC's Calendar of Congresses, Conferences & Events

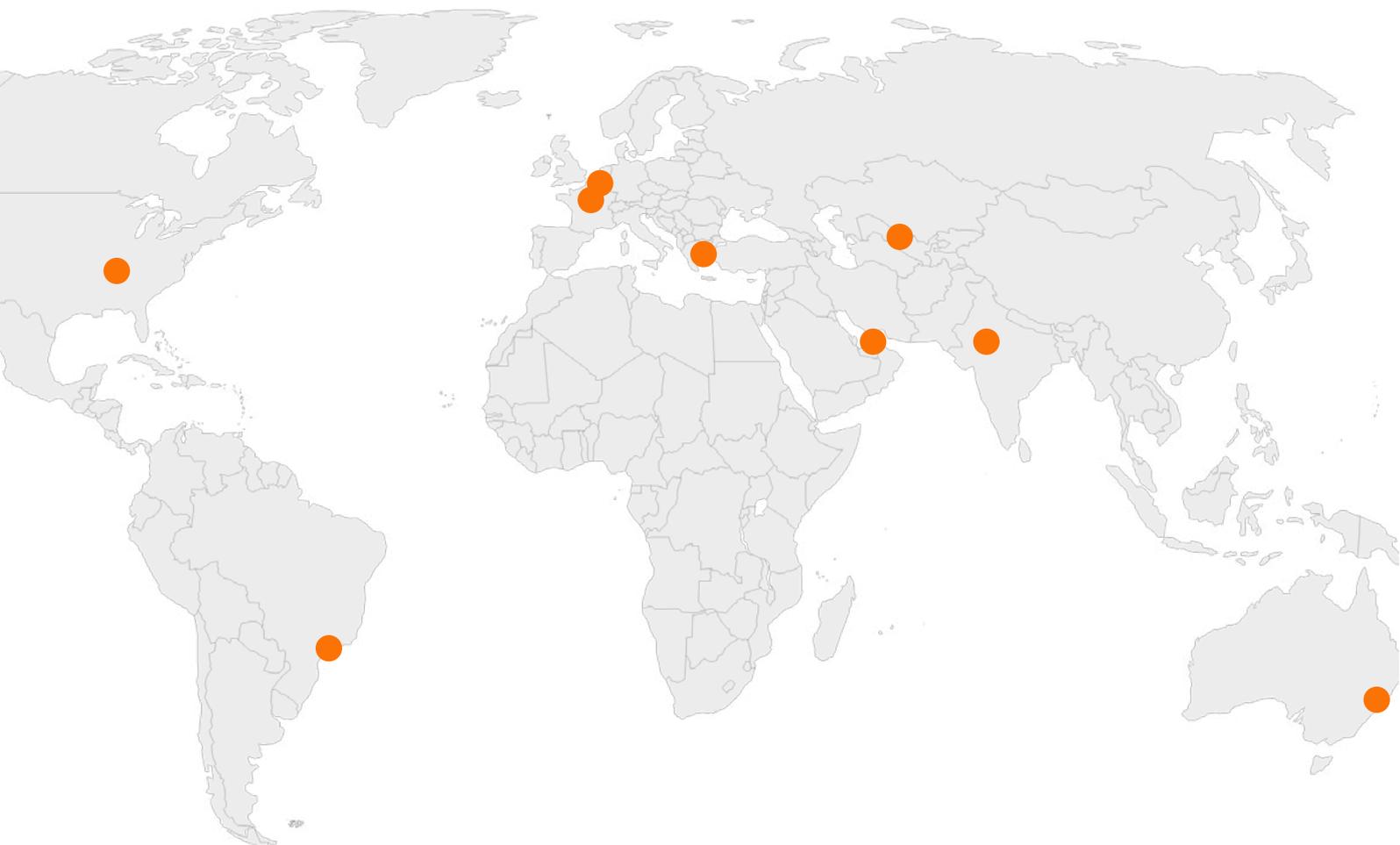
IFCC and Regional Federation Events			
Date		Title	Place
Oct 31 - Nov 3, 2024		APFCB 2024 Sydney	Sidney, AU
Nov 8-10, 2024		IFCC SD satellite symposium on Mass Spectrometry in the Clinical Laboratory	Athens, GR
May 18 - 22, 2025		XXVI IFCC-EFLM EUROMEDLAB 2025	Brussels, BE
Oct 25 - 30, 2026		XXVII IFCC WORLDLAB 2026	New Dehli, IN
Oct 10 - 13, 2027		APFCB 2027 KUALA LUMPUR	Kuala Lumpur, MY
Date to be selected		XXVII IFCC-EFLM EUROMEDLAB 2027	Venue to be selected
Date to be selected		XXVII IFCC WORLDLAB 2028	Venue to be selected
Date to be selected		XXVII IFCC-EFLM EUROMEDLAB 2029	Venue to be selected
Date to be selected		XXVII IFCC WORLDLAB 2030	Venue to be selected

Corporate Member Events with IFCC Auspices

Date	Title	Place
Nov 16, 2024	Inter-QCTopics International seminars on Quality Control: Patient blood management – what is the role of the laboratory according to ISO 15189?	Quality consulting online event, BR

Other events with IFCC auspices

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