

Venue

Auditorium Joseph Maisin, Saint-Luc Clinique Universitaire, Brussels



EMERGING TECHNOLOGIES AND INNOVATIONS IN PEDIATRIC LABORATORY MEDICINE

XVII ICPLM 
International Congress in
Pediatric Laboratory Medicine

EUROMEDLAB

BRUSSELS 2025

May 18-22, 2025

May 18th 8:30- 3:00 pm



EFLM



RBSLM

Satellite Meeting



Invitation

It is our pleasure to announce the International Congress of Pediatric Laboratory Medicine (ICPLM) to be held on Sunday May 18, 2025, in Brussels, as a Satellite to the main XXVI IFCC-EFLM EuroMedLab 2025. This special conference is being organized by the IFCC Committee on Emerging Technologies in Pediatric Laboratory Medicine (C-ETPLM) with the support of the IFCC Congresses and Conferences Committee as well as MZ Events. This is the 17th ICPLM conference organized internationally to bring together laboratory professionals and experts in pediatric laboratory medicine from around the world. ICPLM has become a leading forum in the field to discuss latest advances in key areas of special interest to pediatric laboratory specialists, scientists, pediatricians, and industry colleagues. A strong scientific program has been organized with expert international speakers discussing recent advances in newborn screening, the role of emerging technologies in genomics and machine learning and AI in pediatrics. The program also includes a round table discussion, with all participants, to bring together perspectives on

emerging technologies in pediatrics.

The ICPLM will take place at the Saint-Luc Clinique Universitaire, Brussels close to the EuroMedLab venue.

As IFCC continues to grow and expand its international reach, we remain committed to advancing better healthcare worldwide. International forums such as the XXVI EuroMedLab Congress as well as the 17th ICPLM satellite meeting support us in this effort by ensuring our organization and field remain at the cutting edge. In support of this mission, the conference organizing committee has been working hard to build a strong program with a truly international faculty.

Looking forward to seeing many of you in our pediatric laboratory medicine community at the ICPLM conference in Brussels. An event not to be missed!

Prof. Dr Tomris Ozben

Dr. L Kyriakopoulou, Dr. J DeWulf, Dr. T Lang

Faculty

Joseph DeWulf Saint-Luc Clinique Universitaire, Brussels

Sharon Geaghan Stanford University Medical Center, USA

Ronda Greaves Murdoch Children's Research Institute, Australia

Anurodh Gupta Dept. Of Biochemistry Armed Forces Medical College, India

Klaus Peter Kohse University Medicine, Oldenburg, Germany

Lianna Kyriakopoulou University of Toronto, Canada

Tim Lang Royal Victoria Infirmary, Newcastle upon Tyne Hospitals NHS Foundation Trust, UK

Steve Master Perelman School of Medicine at the University of Pennsylvania, USA

Catherine Omosule University of Ghana Medical Center, Ghana

Fatma Tanelli Manisa Celal Bayar University, Türkiye

Marianna Tzanoudaki Aghia Sophia Children's Hospital, Greece

Co-chairs

Dr. DeWulf

Dr. Lang

Dr. Kyriakopoulou

Programme

- 8:30-9:00 Short corporate presentations
9:00-9:10 Introduction of Congress and opening remarks by Chair and IFCC President
- 9:10-10:00 **Plenary Updates on NBS: The Belgium experience**
J. DeWulf
- Symposium 1 Emerging Technologies in Pediatrics**
Chair: *K. P. Kohse and L. Kyriakopoulou*
- 10:00-10:30 Machine Learning and AI in Pediatrics
S. Master
- 10:30-10:45  Coffee Break
- 10:45-11:15 A cost benefit analysis of Newborn Exome Screening: Opportunities and challenges
A. Gupta
- 11:15-11:45 The emergence of micro-sampling and microfluidics for multi-omics analysis from neonatal dried blood spots
R. Greaves
- 11:45-12:15 **Round Table Discussion** with all presenters and congress participants
Future perspectives on emerging technologies/Strategies and planning
- 12:15-1:00  Lunch
- Symposium 2 New Technologies Solving Old Problems**
Chair: *F. Taneli and C. Omosule*
- 1:00-1:30 The role of micro-sampling in iatrogenic anemia: A paradigm shift in disease diagnosis and monitoring.
S. Geaghan
- 1:30-2:00 The role of flow cytometry in diagnosing Primary Immune Deficiencies (PIDs)
M. Tzanoudaki
- 2:00-2:30 The CGM role in redefining neonatal hypoglycemia
T. Lang
- 2:30 Closing Remarks

General Information

Congress Venue

Auditorium Joseph Maisin,
Saint-Luc Clinique Universitaire,
Avenue Mounier 51
1200 Woluwe-Saint Lambert

How to arrive:
ALMA Metro Station, Line 1

Registration

(Belgian VAT 21% Included)

€ 100

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All delegates must register for the congress.

To register please click here:

<https://ems.mzevents.it/start/2369/eng>

The Congress' official language is English.
A name badge will be required for access to
the congress area.

Participants will receive a name badge when
they check in at the registration desk.

It must be always worn.

All properly registered attendees
will be entitled to receive a certificate of
attendance. Certificates of attendances will be
sent via e-mail after the end of the Congress.



Organizing Secretariat

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