



Satellite Meeting

**EUROMEDLAB  
BRUSSELS 2025**

May 18-22, 2025



EFLM



RBSLM

**May 18<sup>th</sup> 8:15 – 16:30**

# **INDIRECT REFERENCE INTERVAL METHODS: EDUCATIONAL COURSE & HANDS-ON WORKSHOP**

**Venue:  
Radisson Collection Hotel,  
Grand Place Brussels**

# FACULTY

## **Khosrow ADELI**

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IFCC Past President, Pediatric Laboratory Medicine, The Hospital for Sick Children, University of Toronto, Canada

## **Mary Kathryn BOHN**

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Clinical Chemistry Postdoctoral Fellow  
University of Toronto, Canada

## **Abdurrahman COSKUN**

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Professor in Acibadem Mehmet Ali Aydinlar University, School of Medicine, Department of Medical Biochemistry, Atasehir, Istanbul, Turkey

## **Alexander Benedikt LEICHTLE**

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Associated Professor  
Center for Artificial Intelligence in Medicine (CAIM), University of Bern, Switzerland and  
Department of Laboratory Medicine, Cantonal Hospital Baden, Switzerland

## **Kenneth Andrew SIKARIS**

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Director Chemical Pathology, Healius Pathology, Associate, Department of Pathology, Melbourne University, Australia

## **Thomas STREICHERT**

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Director Central Laboratory  
Institute of Clinical Chemistry of the University of Cologne, Germany

## **Deniz İlhan TOPCU**

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Associate Professor of Medical Biochemistry  
İzmir City Hospital City Hospital, Turkey

## **Jakob ZIERK**

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Department of Pediatrics and Adolescent Medicine, University Hospital Erlangen, Erlangen, Germany

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### **CONGRESS VENUE:**

Radisson Collection Hotel,  
Grand Place Brussels  
Rue du Fossé aux Loups 47, 1000  
Bruxelles

### **REGISTRATION:**

Belgian VAT 21% Included

Full Day € 250,00

Half Day € 150,00

(Morning Session Only)

To register please click here:

[https://ems.mzevents.it/  
start/2370/eng](https://ems.mzevents.it/start/2370/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.

# PROGRAMME

## EDUCATIONAL WORKSHOP

- 08:15 Welcome and introduction - **J. Zierk, T. Streichert, K. Adeli**  
08:30 Reference Intervals Theoretical Basis - **M.K. Bohn**  
09:15 Statistical Approaches to Reference Intervals - **A. Coskun**
- 10:00 *Coffee break*
- 10:30 Identifying health by excluding disease - **K.A. Sikaris**  
11:15 Modern tools for reference Interval analysis - **A.B. Leichtle**
- 12:00 *Lunch*

## HANDS-ON-WORKSHOP

Participants analyse datasets on their own laptops in a classroom-style environment

- 13:00 Introduction to workshop - **T. Streichert, K.A. Sikaris**  
13:30 Workshop Activities  
Group A: (web-based) tools for reference interval estimation - **K.A. Sikaris, T. Streichert, D.I. Topcu**  
Group B: using R and refineR for reference interval estimation - **M.K. Bohn, A. Coskun, A.B. Leichtle, J. Zierk**
- 15:00 *Coffee break*
- 15:30 Presentation of Group Activities and Discussion - **All participants**  
16:15 Conclusions and Close - **J. Zierk**

## SPONSORS

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### Organizing Secretariat

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