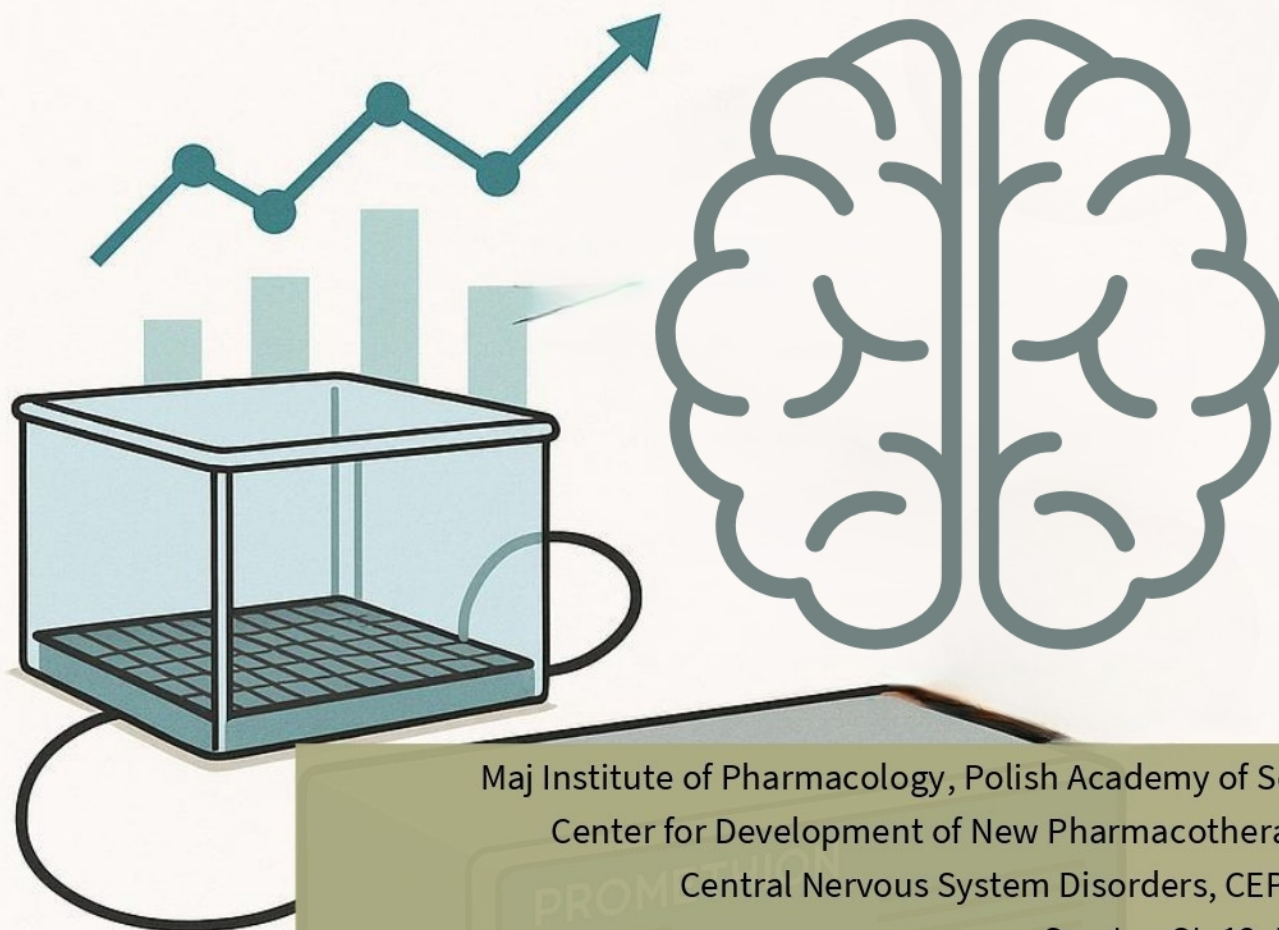


Kraków, Poland - 16<sup>th</sup> – 19<sup>th</sup> September 2025

# PROMETHION METABOLIC AND BEHAVIOR RODENT PHENOTYPING COURSE



Maj Institute of Pharmacology, Polish Academy of Sciences  
Center for Development of New Pharmacotherapies of  
Central Nervous System Disorders, CEPHARES

Śmętna St. 12, Kraków

31-343 Poland

## Session overview

### Day 1 Tuesday 16<sup>th</sup> September

Welcome and orientation  
Introduction to workspace, metabolic cages and Promethion system  
Classroom lectures: Fundamentals of Respirometry

### Day 2 Wednesday 17<sup>th</sup> September

Hands-on work: System calibration and introduction to data collection  
Classroom-lectures: Behavioral and Metabolic Phenotyping – deep dive  
Data analysis: Analyzing real-time data using Promethion Live platform,  
Introduction to Macro analysis

### Day 3 Thursday 18<sup>th</sup> September

Hands-on work: Troubleshooting, module handling and data collection exercises  
Classroom-lectures: Sensor Function and Theory  
Data analysis: Using Macro Interpreter for Data Analysis and Visualization

### Day 4 Friday 19<sup>th</sup> September

New techniques: Stable isotope and methane analysis, Injectible telemetry, Acute EE monitoring  
Creating custom macros and heatmaps  
Wrap up



## **Instructors & Organizers of the Scientific Program**

Andreas Moelich, Ph.D., Managing Director,  
Sable System Europe (DE)

Bartosz Schramm, Ph.D., Scientific Sales and Support Team Manager,  
Sable System Europe (DE)

Tyler Smith, Biomedical Field Engineer,  
Sable System Europe (DE)

## **Local organizers**

Grzegorz Kreiner, PhD, CEPHARES Deputy Director  
Head of the Department of Brain Biochemistry at IP Polish Academy of  
Sciences

Justyna Barut, PhD  
Head of CF5 Behavioral Research Module

