

## Pathfood Winter School on Capillary Electrophoresis Program (February 16–20, 2026)

### Location:

**On-site:** CNBCh UW, Żwirki i Wigury 101, 02-089 Warsaw, Poland

**Online:** Streaming link will be sent to registered participants (Session 1--8 will be on-site, Room No. 0.109 and on-line; laboratory sessions are on-site only)

All times are in Central European Time (CET, UTC+1)

### Day 1 – Monday, February 16

09:00 – 11:00 Welcome, Objectives, Introduction to Capillary Electrophoresis (CE)

11:00 – 11:30 Coffee break

11:30 – 13:00 Session 1 – Basic Concepts of Electrokinetic Phenomena

13:00 – 14:00 Lunch break

14:00 – 16:00 Session 2 – Instrumentation for CE, Key Operational Steps, Data handling

### Day 2 – Tuesday, February 17

11:30 – 13:00 Laboratory – Overview of CE Equipment and Software for System Control (on-site only)

13:00 – 14:00 Lunch break

14:00 – 16:00 Session 3 – Electroosmotic flow and Factors Influencing Performance and Separation (on-site only)

### Day 3 – Wednesday, February 18

09:00 – 11:00 Session 4 – Dynamic and Chemical Coating of Bare Fused-silica Capillaries - Control EOF

11:00 – 11:30 Coffee break

11:30 – 13:00 Session 5 – Main Separation Modes of CE (Part 1)

13:00 – 14:00 Lunch break

14:00 – 16:00 Laboratory – Measurement EOF (on-site only)

### Day 4 – Thursday, February 19

09:00 – 11:00 Session 6 - Main Separation Modes of CE (Part 2)

11:00 – 11:30 Coffee break

11:30 – 13:00 Session 7 – Online Sample Preconcentration. Method Development and Validation

13:00 – 14:00 Lunch break

14:00 – 16:00 Laboratory – CZE plant secondary metabolites (on-site only)

### Day 5 – Friday, February 20

09:00 – 11:00 Laboratory – CZE plant primary metabolites (on-site only)

11:00 - 11.30 Coffee break

11:30 – 13:00 Session 8 – Multidimensional CE. Hyphenation of CE with Mass Spectrometry.

13:00 – 13:30 Summary and Closing

### Additional information

Lectures will be available on-site and online.

Laboratory sessions will be conducted on-site only.

Number of places is limited.

**Helpdesk contact:** [pathfood@cnbc.uw.edu.pl](mailto:pathfood@cnbc.uw.edu.pl)

