

Proteomic Section of Czech Society for Biochemistry and Molecular Biology
in collaboration with
Masaryk University, Faculty of Science & Central European Institute for Technology

invites you to

DIA-MS and targeted proteomics workshop

which will be held on **Monday, May 19th, 2025**

in **Masaryk University (MU) Campus Bohunice**, Kamenice 5, room **B11/205**, Brno, Czech Republic

Program

- 9:40 Registration, coffee
- 10:00 **Pavel Bouchal** (Fac Sci, MU): **Welcome and data-independent acquisition mass spectrometry (DIA-MS) quick overview**
- 10:10 **David Potěšil** (CEITEC, MU): **DIA-MS acquisition methods: news and overview**
- 10:30 **Monika Puchalska** (Biognosys, online): **directDIA - powerful proteomics workflows in Spectronaut**
- 11:30 Coffee
- 11:45 **David Potěšil** (CEITEC, MU): **DIA-MS data analysis in DIANN 2.x**
- 12:05 **Petr Lapčík** (Fac Sci, MU): **DIA-MS in phosphoproteomics - Spectronaut vs. DIA-NN**
- 12:20 **David Kotol** (ProteomEdge, online): **From DIA-MS to targeted assays: enabling absolute quantification with heavy-labeled standards**
- 13:00 Lunch break (*several canteens/restaurants in a 5-min walking distance*)
- 14:00 **Alexey Nesvizhskii** (Univ. Michigan, online): **Analysis of diaPASEF proteomics data using diaTracer and FragPipe computational platform**
- 15:00 Coffee
- 15:10 **Q&A** session and discussion: Monika Puchalska, David Potěšil, David Kotol
- ~16:00 Workshop closing

Please register until **May 9th, 2025** for free: <https://forms.gle/jSAxb9fyfthFuywK8>