

LipidMet activities:

- Workshop on “**Reconnecting lipidomics and metabolomics for metabolism research**” at Annual meeting of Metabolomics Society 2024, Osaka, Japan

Speakers:

Dajana Vuckovic, Concordia University, Canada **Harmonizing quality control strategies in metabolomics and lipidomics: path forward?**

Michael Witting, Helmholtz Center Munich and TU Munich, Germany **Shall I lean more towards the lipid or metabolite side of things?**

Pieter Dorrestein, University of California San Diego, USA **Kids and new kids on the block - molecular networking, lipid reference libraries and Query language tools to analyze metabolites and lipids**

Past online webinars of LipidMet Task group:

- 28.11.2023 “**Optimization and harmonization of workflows for comprehensive coverage of metabolites and lipids**”; Justine Bertrand-Michel (INSERM, France), Ingela Lanekoff (Uppsala University, Sweden), Jennifer Kirwan (BIH Metabolomics, Germany)
- 30.01.2024 “**Quality control in metabolomics and lipidomics**”; speakers – Dajana Vuckovic (Concordia University, Canada), Maria Fedorova (TU Dresden, Germany)
- 26.03.2024 “**Data deposition, standards, and reuse**”; Eoin Fahy (University of California San Diego, USA), Noemi Tejera Hernandez (EMBL-European Bioinformatics Institute, UK), Pieter Dorrenstein (University of California San Diego, USA), Nils Hoffmann (Research Center Jülich GmbH, Germany)
- 28.05.2024 “**Mass spectrometry data repositories and sharing practices**”; Theodore Alexandrov (University of California San Diego, USA), Angar Korf (MZmine)
- 23.09.2024 “**From raw data to annotation of lipids and metabolites**”; Oliver Fiehn (UC Davis West Coast Metabolomics Center, USA), Warwick Dunn (Institute of Systems, Molecular and Integrative Biology, UK)
- 25.11.2024 “**Advances in structural annotation of lipids and metabolites**”, Yu Xia (Tsinghua University, P.R. China), Coral Barbas (University Foundation San Pablo CEU, Spain)
- 27.01.2025 “**Clinical translation of lipidomics and metabolomics**”; David Wishart (University of Alberta, Canada), David Friedecký (Palacky University Olomouc, Czech Republic).
- 24.03.2025 “**Applications of NMR in metabolomics and lipidomics**”; Julien Wist (Australian National Phenome Centre, Australia), Martin Giera (Leiden University Medical Center, Nethlerlands)
- 02.06.2025 “**Studying the chemical exposome and its impact on lipid metabolism – analytical and biological considerations**”; Tuulia Hyötyläinen (Örebro University, Sweden), Tom Metz (Pacific Northwest National Laboratory, USA), Krystal Pollitt (Yale University, USA)