

EPIPIDNET CLOSING ONLINE MEETING

March 11, 2025



Via Zoom: <https://videoconf-colibri.zoom.us/j/92407163771?pwd=kISWnaerc7aPhx7tIdBk0EMCa1Tc0O.1>

09:30 – 09:40	Four Years of Inspiring Collaborations <i>Rosário Domingues, University of Aveiro, Portugal and Maria Fedorova, TU Dresden University, Germany</i>
Lipidomics technology towards clinical translation	
09:40 – 10:00	Concordant inter-laboratory derived concentrations of ceramides in human plasma reference materials via authentic standards <i>Frederico Torta, National University of Singapore, Singapore</i>
10:00 – 10:20	Intra- and interindividual variation of the human lipidome <i>Tuulia Hyötyläinen, Örebro University, Sweden</i>
10:20 – 10:40	Phosphatidylthreonine is a procoagulant lipid detected in human blood and elevated in coronary artery disease <i>Valerie O'Donnell, Cardiff University, UK</i>
10:40 – 11:00	Oxylipin profiling for clinical research: Current status and future perspectives <i>Cecile Gladine, INRAE Centre Clermont Auvergne Rhône Alpes, France</i>
11:00 – 11:15	Coffee Break
Bioinformatics tools for lipidome research	
11:15 – 11:35	Challenges and perspectives for naming lipids in the context of lipidomics <i>Michael Witting, Helmholtz Zentrum München GmbH, Germany</i>
11:35 – 11:55	Click-chemistry based strategies in LC-MS lipidomics: From experimental data to high-throughput processing and interpretation <i>Laura Goracci, University of Perugia, Italy</i>
11:55 – 12:15	Curating lipid pathways using open source tools <i>Denise Slenter, Universiteit Maastricht, Netherlands</i>
12:15 – 12:35	Providing good data for bioinformatics tools <i>Matthew Conroy, LIPID MAPS, Cardiff University, UK</i>
12:35 – 13:45	Lunch Break
Lipids for sustainable society	
13:45 – 14:05	New analytical tools to understand lipid oxidation in food <i>Simon Hammann, Universität Hohenheim, Germany</i>
14:05 - 14:25	Leveraging algae lipidomics to drive sustainable foods and biotechnological application <i>Tânia melo, University of Aveiro, Portugal</i>
14:25 – 14:40	Gamifying Lipidomics: Connecting Science and Society Through Innovation <i>Corinne Spickett, Aston University, United Kingdom</i>
14:40 – 15:00	Coffee Break
EpiLipidNET: moving forward	
15:00 – 16:15 (15 min /IG)	Future Projects Interest Groups (IGs) – Roundtable discussion <ul style="list-style-type: none"> • Young Researchers and Innovators – <i>Patricia Prabutzki, Leipzig University, Germany</i> • IG in Endothelial Plasma Membrane Lipidome - <i>Irundika Dias, Aston University, United Kingdom</i> • IG in Food Lipidomics - <i>Rosário Domingues, University of Aveiro, Portugal</i> • IG in Algae and Plant Lipidomics - <i>Guy Schleyer, Royal Netherlands Institute for Sea Research, Netherlands</i> • IG in Redox and Epilipidomics - <i>Maria Fedorova, TU Dresden, Germany and Laura Goracci, University of Perugia, Italy</i>
16:15 – 16:30	Concluding Remarks (& video)