

# Lipidomics: principles & applications in health



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Combining theory and practical applications, this workshop aims to provide participants with an overview of the state of the art in lipidomics approaches to healthcare, their interests and limitations, and the challenges associated with setting up suitable workflows.



Deadline: **September 5, 2025**

## PHASE I THEORETICAL

 December 1 - 3, 2025  Bordeaux

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**EMBARKING ON THE LIPIDOMICS ROAD** - Justine BERTRAND-MICHEL (I2MC, FRA), Sophie AYCIRIEX (CNRS UMR 5280, FRA), Laura GORACCI (University of Perugia, ITA) & Yu XIA (Tsinghua University, CHN)

**MOLECULAR NETWORK** - Pieter DORRESTEIN (University of California, USA)

**INFLAMMATION AND METABOLIC DISEASES** - Valerie O'DONNELL (Cardiff University, GBR) & Maria FEDOROVA (Center for Membrane Biochemistry & Lipid Research, DEU)

**BIOMARKERS** - Michal HOLČAPEK (University of Pardubice, CZE), Andrej SHEVCHENKO (Max Planck Institute of Molecular Cell Biology and Genetics, DEU) & Martin GIERA (Leiden University, DEU)

**LIPIDOMICS AND FLUXOMICS** - Jean-Charles PORTAIS (Université Paul Sabatier, FRA) & Ondrej KUDA (IPHYS, CZE)

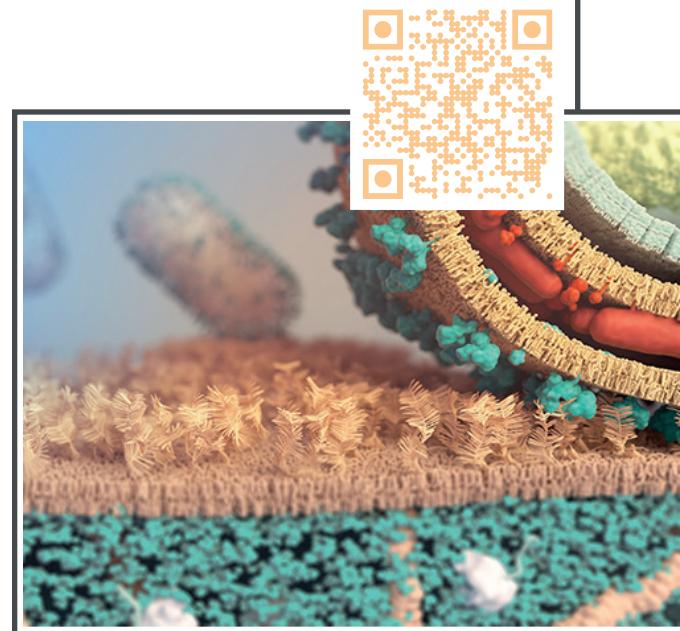
**TOOLS FOR LIPIDOMICS RESULTS MEANING** - Nathalie POUPIN (INRAE, FRA)

**SPATIAL LIPIDOMICS** - Maxence WISZTORSKI (Inserm U1192, FRA) & Martina MARCHETTI (TU Wien, AUT)

**LIPIDS DISCOVERY** - Emilie LAYRE (CNRS UMR 5089, FRA) & Nicolas CÉNAC (IRSD, FRA)

\*Ateliers Inserm - Réalisation : Audrey Peloni (DRH - SDevRH) - Crédit image : Flickr, @NIAID - Janvier 2025

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Workshop **287**



## PHASE II PRACTICAL

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