

Bordeaux, September 29, 2025 Scientific symposium

METABODAY 2025

Organising Committee :

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Romain Villeger
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Résumé : La Journée **Métaboday**, organisée en Nouvelle-Aquitaine, est un événement scientifique dédié aux **échanges entre chercheurs travaillant dans le vaste domaine du métabolisme**. Cette rencontre a pour objectif de favoriser le partage des connaissances, de stimuler les collaborations et de renforcer la dynamique de la communauté scientifique. À travers des présentations, des discussions et des moments d'échange, Métaboday offre un espace privilégié pour explorer les avancées et les enjeux liés aux recherches métaboliques, dans toute leur diversité.

Summary : The **Metaboday** event, held in Nouvelle-Aquitaine, is a scientific gathering dedicated to **fostering exchanges among researchers working in the broad field of metabolism**. This event aims to promote knowledge sharing, stimulate collaborations, and strengthen the scientific community. Through presentations, discussions, and networking opportunities, Metaboday provides a unique platform to explore advancements and challenges in metabolic research in all its diversity.

Program September 29th**8:45 - Opening - Welcoming remarks**

Sophie Colombié & Luc Pellerin

9:00-9:30 Clotilde Alves-Guerra (Institut Cochin, Paris)*Role of the mitochondrial transporter UCP2 in the metabolic plasticity of the lymphocyte microenvironment in colorectal cancer***9:30-10:30 Oral communications****Fatima Naji** (BRIC)*Spatial transcriptomic profiling outlines the evolution of molecular trajectories across different stages of cutaneous squamous***Chloe Barsa** (IBGC)*Multimodal Analysis of Mitofusin 2 (MFN2) Variants to Refine the Interpretation of Clinically Relevant Variants in CMT2A***Iban Seilliez** (INRAE)*The zebrafish as a new model for studying chaperone-mediated autophagy unveils its role in spermatogenesis***-Chair : Christophe Rocher****10:30 - 11:00 Coffee break****11:00-11:20 Didier Lacombe** (University of Bordeaux, INSERM U1211, Bordeaux)*ASMD B (Niemann-Pick disease type B): From diagnosis to therapy***11:20-11:50 Michel Salzet** (Laboratoire PRISM, Lille)*How spatial metabolomic can help to understand the inflammatory response ?***11:50-12:30 Oral communications****Johanna Galvis** (IBGC)*SPACEMAP: A pathway-guided framework for spatial clustering and functional mapping in glioblastoma lipidomics***Antoine Souron** (PACEA)*Paleometabolomics from fossil mammals inform their dietary reconstructions*

-Chair : Agnès Nadjar

12:30 – 14:00 Lunch & Poster session (Salle Badiane, Domaine du Haut-Carré)

14:00-15:00 Short presentations of platforms & round table chaired by Arnaud Mourier with Pierre Pétriacq (Bordeaux, Metabolome), Patricia Recordon-Pinson (Bordeaux, UB'L3-TBMcore), Benoit Pinson (Bordeaux, SAM-TBMcore), Quentin Blancart-Remaury (Poitiers, IC2MP)

15:00-15:30 Pierre-Yves Plaçais (ESPCI, Paris)

Aversive learning hijacks a brain sugar sensor to enable memory consolidation

-Chair : Océane Martin

15:30 – 16:00 Coffee break

16:00-17:00 Oral communications

Léonie Dayraut (CRMSB)

An Innovative and Promising Model for Investigating GLUT1 Deficiency Syndrome

Mathis Pinglaut (IBGC)

Deciphering the role of metabolic exchanges between tumor cells and neurons during glioblastoma development

Romain Villéger (Université de Poitiers)

Decoding host-pathogen interactions: a metabolomic exploration of Legionella infection in amoebae

17:00 – Award ceremony & closing remarks