

Workshop on oxidized lipids and fatty acids from marine sources

Amphithéâtre Balard, Pôle Chimie Balard Recherche
24 January 2023

09:00-09:30: **Registration**

09:30-09:45: **Opening Remarks**

Pascal Dumy (Director of IBMM, Montpellier)

Rémi PRADELLE (Chef Development Officer at Microphyt)

Thierry Durand (IBMM, Montpellier)

Chair: Claire Vigor (Montpellier)

09:45-10:30: Opening Lecture: Pr Jetty Chung Yung LEE (School of Biological Sciences, University of Hong Kong, Hong Kong)

PolyUnsaturated Fatty Acid and Oxylipin profiling in marine species.

10:30-11:00: speaker 1: Dr Camille OGER (IBMM, Montpellier)

Synthesis of Marine Oxylipins.

11:00-11:30: speaker 2: Pr Rosario DOMINGUES (Department of Chemistry, University of Aveiro)

Oxidized polar lipids in algae: the challenges from the lipidomics characterization to the biological role.

11:30-12:00: speaker 3: Dr Samuel BERTRAND (Faculty of Pharmacy, University of Nantes, Nantes)

Metabolome and lipidome changes induced by environmental relevant conditions in a marine-sourced *Penicillium restrictum*.

12:00-12:30: speaker 4: Dr Florence CORRELOU (LPCV, Grenoble)

PolyUnsaturated Fatty Acid biosynthesis and dynamics in the model microalgae *Ostreococcus tauri*.

12:30-14:00: **Lunch-buffet**

Chair: Jean-Marie Galano (Montpellier)

14:00-14:30: speaker 5: Pr Isabel MEDINA (IIM-CSIC, Vigo)

Edible marine oils as source of marine oxylipins for Brain Health.

14:30-15:00: speaker 6: Dr Cedric HUBAS (BOREA-MNHN, Paris)

Oxylipin production by a light-stressed biofilm of migratory diatoms.

15:00-15:30: speaker 7: Dr Claire BOURLIEU-LACANAL (IATE, Montpellier)

Galactolipids from microalgae as a new source of omega 3 and naturally structured surfactants for human nutrition.

15:30-16:00: speaker 8: Dr Gabriel MARKOV (Station Biologique de Roscoff, Roscoff)

Function and evolution of the oxylipin biosynthesis pathway in brown algae.

16:00-16:30: speaker 9: Dr Rémi PRADELLE (Microphyt, Baillargue)

TBA

16:30: **Closing remarks**



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