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Bruno ANTONNY (IPMC Sophia Antipolis)
Fr d ric CARRIERE (IMM, Marseille)
Takeshi HARAYAMA (IPMC Sophia Antipolis)
Lhousseine TOUQUI (Institut Pasteur Paris)

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Adrian TRONCOSO-PONCE (Compi gne)
Nicolas VITALE (Strasbourg)

Contact information

Co-Chairman
Ez-Zoubir Amri
Ez-Zoubir.AMRI@unice.fr
+33(0)4 89 15 37 10

Co-Chairman
Fr d ric Carri re
carriere@imm.cnrs.fr
+33(0)4 91 16 41 34

Co-Chairman
G rard Lambeau
lambeau@ipmc.cnrs.fr
+33(0)4 93 95 77 33

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17th GERLI lipidomics meeting

LIPIDS: from Membrane Dynamics to Signaling



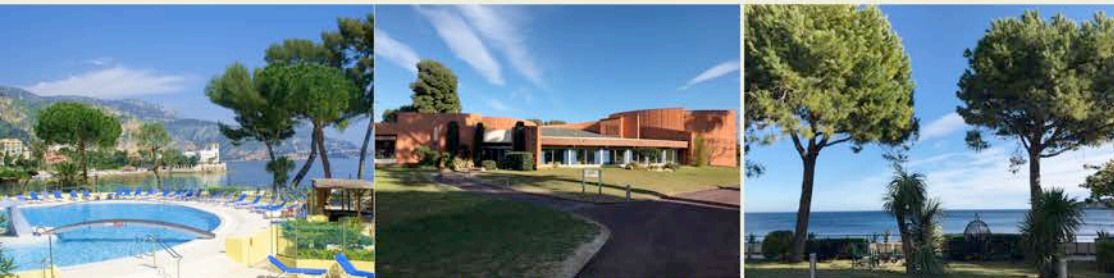
November 6-9, 2022, Saint-Jean-Cap-Ferrat, France

The “Groupe d’Etude et de Recherche en Lipidomique-GERLI” is a French society with expertise in lipids “in all states” including lipidomics. The GERLI organizes an international meeting every year.

For 2022, hopefully after the Covid-19 pandemic, the 17th international lipidomics meeting will be held from November 6 to 9, 2022, in Saint-Jean-Cap-Ferrat, on the “French Riviera”, in the South-East of France.

The specific aims of the meeting will be to discuss cutting-edge research on lipid membrane components and lipid remodeling, in particular mechanisms linking membrane dynamics to lipid mediator signaling at cellular and subcellular levels, up to lipid functions in physiology and physiopathology, with applications in therapeutics and diagnosis. The attendance of the meeting will be limited to 140 persons, in a format that will encourage interactive discussions of the latest research in those areas.

In close partnership with GERLI, the meeting will be followed by the “Lipidomyste Days”, from November 9 to 10, to be held in the same location. Both meetings will take place at the 3-star **Hotel-Club DELCLOY**, situated in a park of 3 ha with a beautiful view over the «Baie des Fourmis», in the lovely peninsula of Saint-Jean-Cap-Ferrat. It is one of the most attractive locations in the heart of the French Riviera. **Hoping for sunny days and looking forward to see you there.**



*** Hotel-Club DELCLOY



Sessions and Speakers

(Preprogram, subjected to change)

Please visit updates at :

<https://www.gerli.com/congres/welcome-to-gerli-17th-lipidomics-meeting/>

Sunday Nov 6 (evening)

Session I. Opening session and keynote lecture

Takao Shimizu (Japan): Adventures on PUFAs and lipid diversity

PhD awards from GERLI, GERLI-SFN and SFEL associations

Stéphane Schneider (France): Mediterranean diet: the benefits don't come from a pillbox

Monday Nov 7

Session II. Membrane dynamics and signaling: “inside cells”

Dominique Langin (France): Hormone-sensitive lipase : a central integrator of adipocyte metabolism

Takeshi Harayama (France): Manipulating cellular lipidome to discover novel regulatory mechanisms of lipid composition

Toni Petan (Slovenia): Lipid droplets drive lipid mediator production and modulate ferroptosis

Oral communications selected from abstracts

Session III. Membrane dynamics and signaling: “inside and outside”

Soazig Le Lay (France): Adipose-derived extracellular vesicles : new lipid mediators of obesity-associated metabolic complications ?

Eric Boillard (Canada): Role of secreted phospholipase A2-IIA bactericidal activity in sterile inflammation

Claude Forest (France): Biochimie and ethics in scientific publishing

Oral communications selected from abstracts

Tuesday Nov 8

Session IV. Lipid mediators, inflammation, cancer and other diseases

Valerie O'Donnell (UK): Unravelling the complex role(s) of 12/15-lipoxygenase in inflammation and immunity

Makoto Murakami (Japan): New insights into the biological roles of cytosolic and secreted phospholipase A2s

Michel Record (France): The nuclear receptor LXR regulates bis(monoacylglycero)phosphate (BMP) cellular content and the secretion of anti-tumor exosome-enriched vesicles

Oral communications selected from abstracts

Session V. Lipid mediators and metabolic disorders

Michael Gelb (USA): Lipid Biomarkers for Newborn Screening for Treatable Genetic Diseases

Charna Dibner (Switzerland): Circadian timing of lipid metabolism

Catherine Postic (France): Ketogenic low carbohydrate high fat diet prevents the metabolic alterations of ChREBP deficient mice

Oral communications selected from abstracts

Wednesday Nov 9 (morning)

Session VI. Microbiota and infection up to SARS-CoV-2

Christiane Schaffitzel (UK): Discovery of a druggable pocket and a drug in SARS-CoV-2 spike glycoprotein

François Trottein (France): Impact of respiratory viral infections on gut microbiota's composition and functionality : from short chain fatty acids to glycolipids

Oral communications selected from abstracts

Closing lecture

Sébastien Martin (France): “Fleur de Festival”, a perfume from the French Riviera

The GERLI meeting will be followed by the **SATELLITE MEETING “Lipidomyste Days”**

From Wednesday Nov 9 (afternoon) to Thursday Nov 10 (evening)

Please visit updates at : <https://lipidomystes.gerli.com/>