

Fourth European Workshop on Lipid Mediators

Pasteur Institute, Paris

September 27-28, 2012

Organising Committee: Jesús Balsinde, Gerard Bannenberg, Joan Clària, Francis Berenbaum, Xavier Norel, Lhoussaine Touqui and



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<http://workshop-lipid.eu>

SCIENTIFIC PROGRAM

September 27, Opening Lecture 1: Eicosanoid Lipidomics and Omega-3 Role in the Innate Immune and Inflammatory Response, *Ed Dennis (University of California, USA)*

SESSION 1: LIPIDOMICS

- Lipid mediator profiling as part of a systems-based approach to investigating inflammatory disease, *Craig Wheelock (Karolinska Institutet, Sweden)*
- Identification and characterisation of esterified eicosanoids generated by immune cells using lipidomics approaches, *Valerie O'Donnell (Cardiff University, UK)*
- Novel analytical approaches for the Quantitative and Qualitative analysis of lipids in biofluids, *Rob Vreeken (Leiden University, The Netherlands)*

SESSION 2: OMEGA-3

- Transfer of essential fatty acids from aquatic to terrestrial ecosystems, *Michail Gladyshev (Siberian branch of Russian Academy of Sciences, Krasnoyarsk, Russia)*
- Omega-3-derived lipid mediators counteract obesity-induced adipose tissue inflammation, *Esther Titos (Hospital Clinic, Barcelona, Spain)*
- Omega 3 and the aging brain: from epidemiological data to intervention studies in humans, *Pascale Barberger-Gateau (Inserm, Université de Bordeaux, France)*

SESSION 3: RESOLUTION OF INFLAMMATION

- Pro-resolution lipids: Gamekeepers turn Poachers, *Derek Gilroy (Centre for Clinical Pharmacology and Therapeutics, University College London, UK)*
- Macrophage remodeling during the resolution of inflammation, *Amiram Ariel (Haifa Univ., Israel)*

POSTER SESSION

September 28, Opening Lecture 2: Microsomal prostaglandin E synthase, a multifaceted drug target, *Per-Johan Jakobsson (Karolinska Institutet, Sweden)*

YOUNG SESSION (10 Speakers selected from abstracts)

SESSION 4: INNATE IMMUNITY

- Role of Eicosanoids in Tuberculosis Infection, *Samuel M Behar (Harvard Medical School, USA)*
- Role of lipid mediators in airway inflammation, *Massimo Triggiani (Naples Univ., Italy)*

SESSION 5: PROSTANOID RECEPTOR PHARMACOLOGY

- Prostacyclin Analogs in Pulmonary Hypertension, *Lucie Clapp (College London Univ., UK)*
- The Pharmacology and Therapeutic Application of COX-2 metabolites of Mammalian Endocannabinoids, *David Woodward (Allergan, Irvine, CA, USA)*
- Prostanoid receptors in chronic inflammation, *Shuh Narumiya (Kyoto University, Japan)*