

# Workshop on Isoprostanes and Omega-3 derived Lipids

Workshop in the frame of our joined Collaboration  
PICS-2015-261141 (Murcia-Montpellier)  
7 November 2016

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

09:30 : **Opening Remarks**

Pr Angel Gil-Izquierdo (Murcia)

Dr Thierry Durand (Montpellier)

*Chair: Laurence Balas*

09:45-10:30: speaker 1 : Pr Joan CLARIA (Barcelona)

**Role of omega-3-derived lipid mediators in the resolution of inflammation in insulin-sensitive tissues.**

10:30-11:00: speaker 2 : Pr Feliciano PRIEGO-CAPOTE (Cordoba)

**Confirmatory and quantitative analysis of fatty acid esters of hydroxy fatty acids in serum by solid phase extraction coupled to liquid chromatography tandem mass spectrometry**

11:00-11:45: speaker 3 : Dr Claire VIGOR (Montpellier)

**Isoprostanes, neuroprostanes, phytoprostanes: what we could do with those non enzymatic oxidized lipids?**

11:45-12:30: speaker 4 : Pr Maria FEDOROVA (Leipzig)

**Targeted LC-MS quantification of non-enzymatically generated isoprostanes and neuroprostanes.**

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

*Chair: Jean-Marie Galano*

14:00-14:45 : speaker 5 : Dr Manuel PAZOS (Vigo)

**Oxidative Stress in Diet-Induced Metabolic Disorders and its Modulation by Omega-3 PUFA from Marine Source**

14:45-15:30 : speaker 6 : Dr Julia KULIGOWSKI (Valencia)

**Oxidative Stress Biomarkers in the Preterm Infant**

15:30-16:00 : **coffee break**

*Chair: Céline Crauste*

16:00-16:45 : speaker 7 : Pr Claudio De FELICE (Siena)

**Biological effects of isoprostanes and neuroprostanes: from Rett syndrome to Brain disease**

16:45-17:30 : speaker 8 : Pr Lourdes RUIZ DESVIAT (Madrid)

**Mitochondrial dysfunction and oxidative damage contribute to the pathophysiology of the neurometabolic disease propionic acidemia**

17:30 : **General discussion and closing remarks**

