



Symposium

Bioactive lipids in the progression and resolution of inflammation

Programa de Alimentos y Salud Humana (PAyS),
Centro de Investigaciones Biomédicas (CEINBIO) y Departamento de Bioquímica
Facultad de Medicina, Universidad de la República

Sunday 19th, November

Aula Magna, Centro Universitario Regional Este (CURE) sede Maldonado

08:45 Wellcome - Dr. Homero Rubbo (Universidad de la Repùblica, Uruguay)

Chairs :: Dr. Bruce Freeman and Dr. Andrés Trostchansky

09:00-09:45: LC-MS based methods for detecting lipoxidation - **Dr. Corinne Spickett** (Aston University, UK)

09:45-10:30 Mass spectrometry analysis of lipid electrophiles and relevance to inflammation - **Dr. Francisco Schopfer** (University of Pittsburgh, USA)

10:30-11:00 Coffee Break

11:00-11:30 Lipidomic analysis in ALS disease reveals potential disease signatures - **Dr. Sayuri Miyamoto** (University of São Paulo, Brazil)

11:30-12:00 Redox-dependent immunomodulatory actions of the kynurenine pathway - **Dr. Darío Vitturi** (University of Alabama at Birmingham, USA)

12:00-12:30 Lunch

Chairs :: Dr. Homero Rubbo and Dr. Rafael Radi

14:00-14:45 SPMs as novel therapeutic approach in neurodegenerative diseases - **Dr. Rubén López** (University of Barcelona, Spain)

14:45-15:00 Detection and quantitation of nitroalkenes in cow milk - **Dr. Andrés Trostchansky** (Universidad de la Repùblica, Uruguay)

15:00-15:30 Effect of nitro-fatty acids on retinal macroglia and macrophages in inflammatory disorders - **Dr. Gustavo Bonacci** (University of Córdoba, Argentina)

15:30-16:00 Coffee Break

16:00-16:30 Electrophilic fatty acid regulation of inflammation and metabolic processes - **Dr. Stacy Gelhaus** (University of Pittsburgh, USA)

16:30-17:15 Cyclooxygenase-Endocannabinoid Cross-talk in Macrophages and the Control of Inflammation - **Dr. Larry Marnett** (University of Vanderbilt, USA)

17:15-18:00 General discussion on detection and significance of SPMs in human health and disease - **Dr. Bruce Freeman, Dr. Francisco Schopfer, Dr. Rubén López, Dr. Corinne Spickett.**

Apoyan

