



ROSARIO 2016
Bolsa de Comercio

laUps

Second Latin American Metabolic Profiling Symposium

Monday October 10th | NMR. Mass Spectrometry. Data Analysis. Instrumentation & Methodology
IBR- PREDIO CONICET ROSARIO ' Ocampo y Esmeralda

Methodology

9:00 - 10:30 Ute Roessner (Mass Spectroscopy)

10:30 - 11:00 Coffee Break

11:00 - 12:00 Julien Wist, (NMR data acquisition)

12:00 - 13:00 LUNCH AT IBR

13:00 - 14:30 Ute Roessner (Mass Spectroscopy data analysis)

14:30 - 15:00 Coffee Break

15:00 - 16:00 Julien Wist (NMR data analysis)

16:00 - 18:00 Bruker SOPs

Tuesday October 11th | Bolsa de Comercio de Rosario | Paraguay 777

8:00 Registration

8:45-9:00 Opening session

Metabolomics in health

9:00 - 10:00 Elaine Homes. *Plenary Lecture*

10:00-10:30 Coffee Break

10:30-11:00 Ana Paula Valente. *"Salivary metabolite signatures of children with and without dental caries lesions and with type 1 diabetes: an NMR study".*

11:00-11:30 Maria Eugenia Monge. *"High accuracy prostate cancer detection using human blood serum metabolomic profiling".*

11:30-11:45 Break

11:45-12:15 Carlos Pirola. *"Metabolomics of the metabolic syndrome components".*

12:15-12:45 Isabel García Pérez. *"Assessing the healthiness of dietary patterns using metabolic profiling".*

13:00-14:00 LUNCH

14:00-14:30 BRUKER

14:30-15:00 **Pablo Hoijemberg.** *"Improving identification of compounds in metabolomic studies through correlation and statistics"*.

15:00-15:30 **Julien Wist.** *"Dereplication and identification of new metabolites: a common database of reference compounds"*.

15:30-16:00 Coffee Break

16:00-18:00 Poster Session

18:30-19:30 **Elaine Holmes.** Imperial College. Keynote address open to general public.

Wednesday October 12th

Applications of Metabolomics in Plant

8:45-9:45 **Ute Roessner.** *"The potential of metabolomics in the plant sciences"*.

9:45-10:15 Coffee Break

10:15-10:45 **Fernando Carrari.** *"Metabolic profiles as tools in new breeding technologies for crop species"*.

10:45-11:15 **Adriano Nunes Nessi.** *"Comprehensive metabolic reprogramming in freshwater Nitzschia palea strains undergoing nitrogen starvation is likely associated with its ecological origin"*.

11:15-11:45 **Camila Caldana.** *"Metabolomics as a tool for elucidating plant growth Regulation"*.

11:45-12:00 Break

12:00-12:30 **Guillermo Moyna.** *"Selection of hybrids assisted by nuclear magnetic Resonance and chemometric methods: application to mandarins (Citrus reticulata) and barley (Hordeum vulgare)"*.

12:30-13:00 **Fabiana Drincovich.** *"Exploring the metabolic diversity of peach fruits from different varieties allowed the identification of quality metabolic biomarkers"*.

13:00-14:00 LUNCH

14:00-14:30 **Soledad Cerutti.** *"Analytical strategies for the quantitative evaluation of naturally occurring targeted toxins in plant-derived foods"*.

14:30-15:00 **Maria Ines Zanor.** *"Metabolomics for deciphering the function of unknown proteins"*.

15:00-15:30 **Julien Wist.** *"Metabolic fingerprinting for determination of coffee origin: what's next?"*

15:30-16:00 **Ana Scopel.** *"Changes in metabolite profiling of flourensia campestris along an environmental gradient"*.

16:00-16:30 Coffee Break

16:30-17:45 Oral presentations

17:45-18:30 Round table