

DRAFT: 2014_01_10

METABEVO: Plant Metabolomics workshop-in-motion

Wednesday, February 12th, 2014

Strasbourg, Maison Interuniversitaire des Sciences de l'Homme, 5, allée du Général Rouvillois

10.00 – 10.15 Danièle Werck: Welcome

10.15 - 10.30 Catherine Florentz, Vice-President for Research and Doctoral School, University of Strasbourg

10.30 - 11.15 Hugues Renault: METABEVO: Evolution of the plant phenolic metabolism: a search for new strategies to improve biofuel production.

11.15 – 12:00 Dimitri Heintz: Plant lipidomics

12:00 – 12.45 Raphael Lugan: Profiling and multi-targeted analysis by LC-MS and GC-MS for functional genomics

12.45 – 13.45 working lunch and posters on site

13.45 – 15.00 lab visit

15.00 – 15.30 Stefanie Müller: Moss quantitative proteomics via metabolic labelling

15.30 – 16.00 Sebastian Hoernstein: MS analysis of N-terminal protein modifications

16.00 – 16.30 coffee and posters on site

16.30 – 17.00 round table

17.00 depart to Freiburg

Thursday, February 13th, 2014

Freiburg, ZBSA – Center for Biological Systems Analysis, Habsburgerstr. 49

10.00 – 10.15 Ralf Reski: Welcome

10.15 – 10.45 Gunther Neuhaus, Vice-Rector for Research, University of Freiburg: The European Campus

10.45 - 11.30 Hugues Renault: METABEVO: Evolution of the plant phenolic metabolism: a search for new strategies to improve biofuel production

11.30 – 12.15 Bernd Kammerer/Neil Mackinnon: Mass Spectrometry and NMR Spectroscopy: the challenge of metabolome analysis

12.15 – 13.15 working lunch and posters on site

13.15 – 14.00 lab visit

14.00 – 14.30 Carsten Jaeger: Using complementary information from GC-EI-MS and GC-APCI-TOF-MS in non-targeted metabolite profiling

14.30 – 15.00 Thierry Heitz: New insights in the web of jasmonate metabolic conversions

15.00 – 15.30 Benoit Boachon: P450-dependent linalool metabolism in *Arabidopsis* involved in defense against flower visiting insects

15.30 – 16.00 Jürgen Kreuzwieser: Differential response of Gray poplar leaves and roots underpins stress adaptation during flooding

16.00 – 16.30 coffee and posters on site

16.30 – 17.00 round table

17.00 depart to Strasbourg