

# An Introduction to Mass Spectrometry-based Plant Metabolomics

*Wageningen, The Netherlands, 9-13 December 2013*

Monday 9<sup>th</sup> – Friday 13<sup>th</sup> December 2013

***Applications are now closed***

**Registration fee: €250**

**To partially cover travel and subsistence COST FA1106 Trainees will be supported by a grant from 700 to 900€ that will vary depending on the country of the Trainees (e.g. Domestic, nearcountries, far countries).**

## **Overview:**

This course is specifically aimed at young scientists (PhD students and Postdocs) who have little or no practical experience of metabolomics but who plan to develop or apply metabolomics approaches in their own research in the near future. In this short but intensive course we shall give you both a theoretical and practical (hands on) introduction to Mass Spectrometry-based plant metabolomics. The course comprises a series of introductory lectures and also practicals covering sample preparation and measurements using LC and GC technologies as well as giving significant emphasis to data (pre)processing, data analysis and interpretation. Following this course we expect you to be able to initiate your own strategy on how to plan plant metabolomics experiments, interpret and understand metabolomics data output as well as recognize pitfalls in experimental design and data interpretation.

## **PROGRAM**

### **Course Coordinator:**

**Arnaud G. Bovy**

**Robert Hall**

### **Venue**

Wageningen, The Netherlands.

### **Dates**

**9.-13. December 2013**

### **Capacity**

12 Trainees

### **Application procedure for Trainees:**

Young researchers from countries which are member of **Cost Action QualityFruit (FA1106)** Actions willing to attend the training schools are invited to fill [the online application form](#)

Selection of participants will be made by COST FA1106 Action on the basis of the submitted information.

### **Sponsored by:**

EU COST Action FA 1106 Quality Fruit

Centre for BioSystems Genomics

Netherlands Metabolomics Centre

Centre for Improved Plant Yield

Experimental Plant Sciences School