

TRENDS AND ADVANCES IN PLANT BIOLOGY

Symposium of the Zurich-Basel Plant Science Center

19 October 2012, ETH Zurich, main building, Semper Aula

Program

08.30-09.00 *Coffee & Registration*

09.00-09.15 Opening remarks by **Samuel Zeeman**, President of the Zurich-Basel Plant Science Center, Switzerland

09.15-09.45 **Dominique Van Der Straeten**, Ghent University, Belgium
Ethylene action and interaction in Arabidopsis seedling growth

09.50-10.20 **Sabeeha Merchant**, UC Los Angeles, USA
Systems and trans systems level analysis of iron deficiency responses

10.25-10.55 **Maria Harrison**, Boyce Thompson Institute for Plant Research, USA
Reprogramming root cells for AM symbiosis

11.00-11.15 *Coffee*

11.15-11.45 **Maarten Koornneef**, Max Planck Institute for Plant Breeding Research, Germany
Exploiting Arabidopsis natural variation

11.50-12.20 **Winslow Briggs**, Carnegie Institution for Science, Stanford, USA
The role of microtubules in stomatal function in Arabidopsis

12.25-12.55 **Julian Schroeder**, UC San Diego, USA
Guard Cell CO₂ and Abscisic Acid Signal Transduction Network

13.00-14.30 *Lunch*

14.30-15.00 **Donald Ort**, University of Illinois, USA
Crops FACE the future

15.05-15.35 **Paul Christou**, University of Lleida, Spain
Next generation nutritionally enhanced staple crops

15.40-16.00 *Coffee*

16.00-16.30 **Qifa Zhang**, Huazhong Agricultural University, China
Understanding subspecific reproductive isolation in rice

16.35-17.05 **Dean DellaPenna**, Michigan State University, USA
Integrating biochemical genomics and quantitative genetics to balance the nutritional content of plants

17.10-17.40 **Shiping Wang**, Huazhong Agricultural University, China
Rice MtN3/saliva family: an important player in rice-Xanthomonase oryzae interaction

17.45-18.00 Concluding remarks by **Wilhelm Gruissem**, ETH Zurich

18.15- *Dinner at the Restaurant Linde Oberstrass, Universitätstr 91, 8006 Zurich*

Organizing Committee: Samuel Zeeman (ETH Zurich), Wilhelm Gruissem (ETH Zurich), Manuela Dahinden (Zurich-Basel Plant Science Center).