



# Amphacademy – September 15, 2017

Where specialists meet the summits

- 08.15 – 09.00 Registration and Coffee
- 09.00 – 09.15** **Welcome**  
Dr. Marcel Ottiger, Dr. Marco Di Berardino • Amphasys
- 09.15 – 09.35** **Analysis of Orchid Pollen**  
Dr. Iris Heidmann • Acepo
- 09.35 – 10.00** **Key Note 1: Reproductive Biology in Hazelnut**  
Prof. Maria Consolata Siniscalco • University of Turin
- 10.00 – 10.30 Coffee Break
- 10.30 – 12.00** **Parallel Workshops**  
*Professional training for regular users*  
Amphasys  
*Advanced training for very experienced users*  
Amphasys
- 12.00 – 13.15 Lunch
- 13.15 – 13.45** **Technology Developments, New Applications and New Products**  
Dr. Marco Di Berardino, Dr. Marcel Ottiger • Amphasys
- 13.45 – 14.15** **Poster Session First Round**  
Melanie Ostermann/University of Bergen:  
*"Nanotoxicity screening using impedance-based flow cytometry"*  
Matt Dale/Rothamsted Research: *"Understanding the role of phytohormones in controlling heat stress tolerance during pollen development in wheat"*  
Dr. Grit Schade/Amphasys:  
*"Determination of ploidy in plants based on impedance flow cytometry"*  
Silvan Kaufmann/Amphasys:  
*"Characterization of yeast cultures with impedance flow cytometry"*
- 14.15 – 15.00** **Key Note 2: Cytomechanic Regulation of Pollen Tube Growth**  
Prof. Ueli Grossniklaus • University of Zurich
- 15.00 – 15.30 Coffee Break
- 15.30 – 16.00** **Poster Session Second Round**  
Dr. Christian Opitz/University of Basel: *"Characterisation of protein expression in baculovirus-infected insect cells by impedance flow cytometry"*  
Dr. Marco Di Berardino/Amphasys: *"Somatic Cell Count in Raw Milk with Ampha Z<sub>32</sub>"*  
Dr. Ruthger Van Zwieten: *"Impact of pollen viability analysis in the seed industry"*
- 16.00 – 16.30** **Conclusion**  
Dr. Marco Di Berardino, Dr. Marcel Ottiger • Amphasys
- 18.30 **Conference Dinner in Lucerne**  
**Schiffrestaurant Wilhelm Tell**



## Excursion – September 16, 2017

### “Discovering the shores of Lake Lucerne”

09.00 We will meet at Lucerne Railway Station, below the historic arch.



After a short train ride, we will visit the traditional glass manufacturer “[Glasi Hergiswil](#)” and immerse into its 200 years of craftsmanship and the history of glass.



We will then head to Horw where we are introduced to the use of our e-bikes – our loyal companions for the scenic bike ride along the shores of Lake Lucerne. We will stop for lunch at a restaurant and be indulged with a typical Swiss dish.



The easy cruise on our e-bikes will lead us along the waterfront of the beautiful Horw peninsula. We will enjoy the deep blue waters of Lake Lucerne and the wonderful view on the alpine peaks surrounding it.



16:00 After passing through the quiet Tribschen-Quarter of the city of Lucerne, we will drop off our bikes and the tour comes to an end in Lucerne.



Please take a backpack and a jacket with you. Additionally, we recommend wearing comfortable clothing and sneakers or hiking shoes and to bring sun glasses and sun screen with you. If the weather gets warm and sunny you might want to bring a swimming suit. A bicycle helmet will be provided.

Please note that insurance is the responsibility of the participants.