

Symposium topics

The symposium of the Plant Science Center intends to bring researchers from plant science areas together for an exchange of ideas and results. This year, the main topic of the symposium will be the plant reproductive systems, with oral presentations of experts about pollination ecology, evolution and development of reproduction, and the molecular basis of plant reproduction. In a poster session, the research groups belonging to the Plant Science Center will present their research data and cover a wide spectrum of plant research topics, from molecular biology to ecology, from crop science to systematics.

Organizing committee

Prof. Dr. Ueli Grossniklaus, Institute of Plant Biology, University of Zurich
Prof. Dr. Alex Widmer, Institute of Integrative Biology, ETH Zurich
PD Dr. Andreas Erhardt, Department of Environmental Sciences, Section Conservation Biology, University of Basel

Coordination

Dr. Corinne Vonlanthen, Plant Science Center (ETHZ, UZH, UniBS)
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Location

Main Hall of ETH (Hauptgebäude) – Auditorium Maximum
Rämistrasse 101
8092 Zurich

Date

October 26, 2007

Free of charge

October 26, 2007
Auditorium Maximum
ETH Zurich

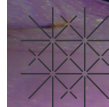
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Zurich – Basel
Plant Science Center
Cooperation in Integrative Research and
Sustainable Solutions

Symposium
of the Zurich-Basel Plant Science Center

Plant reproductive systems:
from the molecular basis of plant reproduction to pollination ecology



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Swiss Federal Institute of Technology Zurich

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Plant reproductive systems: from the molecular basis of plant reproduction to pollination ecology

8.45-8.50	Opening by Andreas Erhardt, University of Basel	William Friedman, Dep. of Ecology and Evolutionary Biology, University of Colorado, USA
8.50-10.30	Session I: Pollination ecology (Chair: Florian Schiestl, University of Zurich) Nickolas Waser, Dep. of Biology, University of California, Riverside, USA Pollination looks beyond its syndromes Mary Price, Dep. of Biology, University of California, Riverside, USA Global climate change and the disruption of pollination interactions Douglas Schemske, Dep. of Plant Biology, Michigan State University, USA Ecological genetics of pollinator-mediated floral evolution Alex Widmer, Institute of Integrative Biology, ETH Zurich, CH Floral traits, pollinators, and reproductive isolation in a plant species pair	Origin of the fittest and survival of the fittest: relating female gametophyte development to endosperm genetics Vivian Irish, Dep. of Molecular, Cellular and Developmental Biology, Yale University, USA Petal development: variations on a theme
10.30-11.00	Coffee and poster session	12.30-14.30 Lunch and poster session
11.00-12.30	Session II: Evolution and development of plant reproductive systems (Chair: Christine Müller, University of Zurich) Peter Endress, Institute of Systematic Botany, University of Zurich, CH Flower development viewed from a diversity perspective	14.30-16.00 Session III: Molecular basis of reproductive systems (Chair: Claudia Köhler, ETH Zurich) Zsuzsanna Schwarz-Sommer, Max Planck Institute for Plant Breeding Research, Köln, D Flower development: the <i>Antirrhinum</i> perspective Teh-hui Kao, Dep. of Biochemistry and Molecular Biology, Penn State University, USA The role of the S-locus F-box protein in the S-RNase-based self-incompatibility mechanism Kentaro Shimizu, Institute of Plant Biology, University of Zurich, CH Reproductive systems of <i>Arabidopsis</i> relatives: genomics integrates molecular genetics and ecology
		16.00-16.15 Poster awards and concluding remarks by Ueli Grossniklaus, University of Zurich
		16.15-17.00 Apéro and poster session