



Events 2019

Plant Science Center

30 Jan–1 Feb	SwissPLANT Symposium in Meiringen
6 Mar	PSC Syngenta Symposium
20 Mar	PSC General Assembly
22 May	PSC Educational Retreat – Future Competencies and Skills
Nov	PlantHUB 3rd Annual Meeting in Copenhagen
Dec	PSC Symposium

International Conferences in Zurich

10–12 April	11th Tri-National Arabidopsis Meeting (TNAM2019)
24–27 Jun	EGF-Eucarpia Joint Symposium 2019
1–4 Jul	43rd New Phytologist Symposium – Interaction networks and trait evolution

Education

PSC PhD Program Plant Science

Courses: Frontiers in Plant Science

9–11 Apr	How to visualize (big) biological data sets generated by omics technologies
Fall	Advanced 3D microscopy imaging
Fall	Introduction to genome-wide association studies (GWAS)
Fall	Protein-coding evolution and detecting natural selection
Fall	RNA sequencing
Fall	Practical advice and ethics of digital images

Courses: scientific and transferable skills

Spring term 2019: Get going with statistics in functional genomics, Scientific Writing Practice II, Dealing with the publication process, Scientific Presentation, Responsible Conduct, Project Management for Research, Advanced Data Management and Manipulation using R, Research with biological material from abroad – International regulations and due diligence in research, Genetic Diversity: Analysis, Concepts in Evolutionary Biology (BIO395), Next-Generation Sequencing I (BIO610), Next-Generation Sequencing II (BIO634), Introduction to UNIXLinux and Bash Scripting (BIO609)

Fall term 2019: Genetic Diversity: Techniques, Introduction to R, Transdisciplinary Research: Challenges of Interdisciplinarity and Stakeholder Engagement, Scientific Visualisations in R, Sustainable Plant Systems, Challenges in Plant Breeding, Scientific Writing I, Next-Generation Sequencing 2 – Continuation Course: Transcriptomes, Variant Calling, and Biological Interpretation (BIO634)

Colloquium: Challenges in Plant Sciences

Alpine Plant Ecology - International Summer School

PSC PhD Program Science and Policy

Block courses and lectures

18–20 Mar	Stakeholder engagement
1–3 Apr	Scenario-building and modeling
15 May & 3 Jul	Evidence-based policymaking
Fall	Understanding policy evaluation
Fall	Contributing to policy action – Analysis and communication of risks and uncertainties



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Mentoring & Career Development

22 & 22 Jan / 5 & 12 Feb	feminno Innovation Seminars
11–12 Mar	feminno Course: Negotiation skills
Nov 2018–April 2019	feminno Industry visits
Dec 2018–March 2019	feminno Lunch talks (open to all)
5 April	feminno Closing event

www.plantsciences.uzh.ch/en/mentoring.html

Outreach

Jan	Zurich	Launch CreativeLabz – Makerspace for youth
18 May	Switzerland	International Fascination of Plants Day
25 May	Zurich	StadtNatura: Forscherteam Guggachbrache
Jun	Zurich	Bugnplay.ch: PSC Greenbug Award
Sep	Zurich	Scientifica «Science Fiction – Science Facts»
Oct	St. Gallen	Olma «Ernährung und Digitalisierung»
Apr–Oct	Switzerland	Creative Camps for youth

Climate Garden 2085 exhibition

Spring	ZHAW Rapperswil and Winterthur
On demand	In Schools

www.klimagarten.ch

Discovery workshops for school classes

Spring	Genome Editing
On demand	Klimawandel, Moderne Pflanzenzucht, Adaptive Evolution, Metabolismus, Symbiose, Biokommunikation, 3D-Mikroskopie

www.plantsciences.uzh.ch/de/outreach.html

The Zurich-Basel Plant Science Center is a competence center linking and supporting the plant science research community of the University of Zurich, ETH Zurich and the University of Basel.

The center promotes fundamental and applied research in the plant sciences. We seek creative approaches to research mentoring and coursework for students and postdocs, and we provide platforms for interactions with peers, policymakers, industry, stakeholders and the general public.

→ www.plantsciences.ch