

Detailed Program

Monday, June 16th

16:00 - 19:00	Registration	Lobby
19:00 - 21:00	Welcome Dinner	
21:00	Mingle	

Tuesday, June 17th

09:00 - 10:30 **Session 1: Phytohormones (PH)**

Conference
room

09:00 - 09:45 **Jürgen Kleine-Vehn**

Keynote Lecture

Auxin-dependent differential growth regulation

09:45 - 10:00 **Xu Jin**

Auxin transport during leaf abscission in Populus

10:00 - 10:15 **Thomas Vein**

Chemical genomics uncovers a partial agonist of auxin controlling apical hook development

10:15 - 10:30 **Hana Rakusova**

Mechanisms of auxin feed-back on PIN3 polarity for hypocotyl tropism in Arabidopsis

10:30 - 11:00 Coffee Break

Festvåningen

11:00 - 12:15 **Session 2: Computational Biology and Bioinformatics (BI)**

Conference
room

11:00 - 11:45 **Veronica Grieneisen**

Keynote Lecture

How to make Heads or Tails of Cell and Tissue Polarity in the "Omics Era"

11:45 - 12:00 **Klára Harmanová**

Genome evolution and phylogeny of Australian crucifers

12:00 - 12:15 **Minerva Trejo Arellano**

Characterisation of the epigenetic landscape of CAF-1 mutants in Arabidopsis thaliana

12:15 - 13:30 Lunch

13:30 - 15:15 **Session 3: Development (DE)**

Conference
room

13:30 - 14:15 **Jörg Becker**

Keynote Lecture

Reshaping the (epi)genetic landscape of Arabidopsis pollen for genome stability and transgenerational inheritance

14:15 - 14:30	Dmitry Kremnev <i>PEP activity and expression of photosynthesis genes required for embryo and seed development in Arabidopsis</i>	
14:30 - 14:45	Sacha Escamez <i>'The Black Spot' - death strikes the predicted target cells in xylem thanks to a new intercellular signalling, autophagy and Metacaspase9</i>	
14:45 - 15:00	Patricia Lang <i>Identification and characterization of new co-factors of the plant miRNA biogenesis pathway</i>	
15:00 - 15:15	Henrik Serk <i>Understanding lignin formation in Arabidopsis xylem vessels</i>	
15:15 - 15:45	Coffee Break	Festvåningen
15:45 - 17:00	Panel Discussion 1: Communicating Science Moderated by Peter Sylwan	Conference room
17:00 - 19:30	Uppsala City Tour	
19:30 - 21:00	Dinner	
21:00	Mingle	

Wednesday, June 18th

09:00 – 10:30	Session 4: Ecology and Environmental Changes (EC)	Conference room
09:00 – 09:45	Ted Turlings Keynote Lecture <i>Trophic interactions in the rhizosphere: applying chemical ecology to develop novel strategies for root pest control</i>	
09:45 – 10:00	Aifang Wang <i>Impact of increasing winter and spring waterlogging on the morphology of silver and pubescent birch seedlings in boreal forest</i>	
10:00 – 10:15	Swathi Vurakula <i>Interactions between carbon and nitrogen metabolism in Arabidopsis WT and gln1;2 mutants under elevated atmospheric carbon dioxide</i>	
10:15 – 10:30	Ashutosh Pandey <i>Impact of ozone on rice (Oryza sativa L.) and mustard (Brassica campestris L.) cultivars grown in the ambient field conditions of India</i>	
10:30 – 11:00	Coffee Break	Festvåningen
11:00 – 12:15	Session 5: Applied Plant Biology (AB)	Conference room
11:00 – 11:45	Eva-Mari Aro Keynote Lecture <i>Photosynthesis in direct biofuel production</i>	
11:45 – 12:00	Lizhi Long <i>The metal ion transporter HvIRT1 is required for manganese uptake and translocation in barley</i>	
12:00 – 12:15	Lauri Nikkanen <i>Overexpression of chloroplast thioredoxin NTRC promotes leaf growth and reveals partial redundancy between plastidial thioredoxin systems</i>	
12:15 – 13:45	Lunch	
13:45 – 15:30	Session 6: Responses to Abiotic Stress (AS)	Conference room
13:45 – 14:30	Stéphane Maury	

Keynote Lecture

Plant response to abiotic stress: how epigenetic can participate?

14:30 – 14:45 **Matleena Punkkinen**

The role of SNF1-related protein kinase regulatory subunit γ in ABA-dependent signalling pathways in Arabidopsis thaliana

14:45 – 15:00 **Mengshu Hao**

Cytosolic pH is a major modulator of mitochondrial NADPH oxidation in plants

15:00 – 15:15 **Nageswara Rao Mekala**

TAP-dependent opposite phosphorylation of PSII core and LHCII proteins in high light prevents the disorganization of the thylakoid membrane

15:15 – 15:30 **Zoltán Takács**

The role of polyamine catabolism associated hydrogen peroxide and nitric oxide in salt stress-induced cell death in tomato plants

Coffee Break

15:30 – 16:45

Poster Session
Sponsored by the Linnean Centre of Plant Biology in Uppsala

Orangeriet

16:45 – 18:00

Panel Discussion 2: Plant Molecular Biology in Everyday Life
Moderated by Carl-Gustaf Thornström

Conference room

18:00 – 19:30

Linné Garden and House Tour

Communicating Science Workshop

Conference room

19:30 – 21:00

Dinner

21:00

Mingle

Thursday, June 19th

09:00 - 10:30	Session 7: Biotic Interactions (IC)	Conference room
09:00 - 09:45	Steve Whisson Keynote Lecture <i>Effectors, expression regulation, and nutrients required for pathogenicity in Phytophthora infestans, the late blight pathogen of potato</i>	
09:45 - 10:00	Martin Palmqvist <i>Nano-titania aided colonization of Brassica napus by the Plant Growth Promoting Rhizobacteria Bacillus amyloliquefaciens strain UMBC 5113</i>	
10:00 - 10:15	Moona Rahikainen <i>PP2A-CPK interaction regulates innate immunity in Arabidopsis</i>	
10:15 - 10:30	Diep Tran <i>Molecular mechanism of autoimmunity triggered by a pair of NB-LRRs</i>	
10:30 - 11:00	Coffee Break	Festvåningen
11:00 - 12:00	Session 8: Genome Defense and Epigenetics (GD)	Conference room
11:00 - 11:45	Lionel Navarro Keynote Lecture <i>Transcriptional control of immune-response genes by DNA methylation and demethylation and its relevance in plant disease resistance</i>	
11:45 - 12:00	Zuzana Mynarzová <i>An effect of demethylating agents on Petunia × hybrida varieties</i>	
12:00 - 12:15	Prizes and Closing Remarks	Conference room
12:15 - 13:45	Lunch	
