



Monday, 19th of June 2017

12:00 – 20:00 *Registration*

13:00 – 15:30 *Joint meeting of the International Advisory Board and Scientific Board (CRH)*

Opening session

16:00 – 16:30 Welcome speech by organizers

16:30 – 17:15 Opening Lecture
Patrick Schnable (Iowa State University, Ames, USA)

17:15 – 18:00 Plenary Lecture
Kinases, stomates and microbes: Multiple ways to improve stress tolerance of plants
Heribert Hirt (King Abdullah University of Science and Technology, Thuwal, Kingdom of Saudi Arabia)

18:00 *Welcome Party*

Tuesday, 20th of June 2017

8:30 – 12:30 *Registration*

Session 1: Plant stress

- | | |
|---------------|--|
| 09:00 – 09:40 | Keynote lecture: Stress and development: role of mitogen activated protein kinases Jozef Šamaj (Palacký University, Olomouc, Czech Republic) |
| 09:40 – 10:00 | Session speaker one Ian Dodd (Lancaster University, Lancaster, United Kingdom) |
| 10:00 – 10:20 | Session speaker two To be announced |
| 10:20 – 10:40 | Session speaker three To be announced |
| 10:40 – 11:00 | <i>Coffee Break</i> |

Session 2: Plant-pathogen/pest interactions

- | | |
|---------------|---|
| 11:00 – 11:40 | Keynote lecture: New Strategies for GM in a Greener Agriculture John Pickett (Rothamsted Research, Harpenden, United Kingdom) |
| 11:40 – 12:00 | The maize smut <i>Ustilago maydis</i> and its strategies to manipulate host auxin signalling Armin Djamei (Gregor Mendel Institute of Molecular Plant Research, Vienna, Austria) |
| 12:00 – 12:20 | Molecular and biochemical basis of the response of plants to volatile compounds emitted by pathogenic microorganisms Javier Pozueta (Spanish National Research Council (CSIC), Madrid, Spain) |
| 12:20 – 12:40 | Session speaker three Petr Galuzska (Palacký University, Olomouc, Czech Republic) |
| 12:40 – 14:00 | <i>Lunch</i> |

Session 3: Plant genomics

| | |
|---------------|--|
| 14:00 – 14:30 | Keynote lecture Jaroslav Doležel (Institute of Experimental Botany AS CR, Olomouc, Czech Republic) |
| 14:30 – 15:00 | Session speaker one Aleš Pečinka (Max Planck Institute for Plant Breeding Research, Köln, Germany) |
| 15:00 – 15:30 | Session speaker Two Viktor Korzun (KWS LOCHOW GMBH, Einbeck, Germany) |
| 15:30 – 15:50 | Session speaker three To be announced |
| 15:50 – 16:20 | <i>Coffee Break</i> |
| 16:20 – 19:00 | Poster session |

Wednesday, 21st of June 2017

Session 4: Plant bioactive compounds

- 09:00 – 09:40 Keynote lecture: The Med5 subunit of Mediator is required for metabolic homeostasis in *Arabidopsis*
[Clint Chapple](#) (Purdue University, West Lafayette, IN, USA)
-
- 09:40 – 10:00 Session speaker one
[Johannes van Staden](#) (University of KwaZulu-Natal, Pietermaritzburg, South Africa)
-
- 10:00 – 10:20 Microalgae are effective producers of plant biostimulants
[Vince Ördög](#) (Széchenyi István University, Mosonmagyaróvár, Hungary)
-
- 10:20 – 10:40 Jasmonate are signals in biosynthesis of secondary metabolites – pathways, transcription factors and applied aspects – a brief review
[Claus Wasternack](#) (Leibniz Institute of Plant Biochemistry, Halle (Saale), Germany)
-
- 10:40 – 11:00 *Coffee Break*

Session 5: Phytochemical analysis

| | |
|---------------|--|
| 11:00 – 11:40 | Keynote lecture: Discovery of natural products by bioactivity-correlated techniques used in combination with HPLC-HRMS-SPE-NMR Dan Stærk (University of Copenhagen, Copenhagen, Denmark) |
| 11:40 – 12:00 | Phytochemical analysis – past, present and future Satyajit Sarker (Liverpool John Moores University, Liverpool, United Kingdom) |
| 12:00 – 12:20 | Accelerating the structural characterization of phenolics via Candidate Substrate Product Pair (CSPP) network Kris Morreel (VIB, Gent, Belgium) |
| 12:20 – 12:40 | Session speaker two Ondřej Novák (Palacký University, Olomouc, Czech Republic) |
| 12:40 – 13:00 | Session speaker five To be announced |
| 13:00 – 14:00 | <i>Lunch</i> |

Session 6: Plant biosynthetic pathways I

- 14:00 – 14:40 Keynote lecture: Engineering synthetic pathways for the sustainable production of high-value molecules in plants and algae
Olga Sayanova (Rothamsted Research, Harpenden, United Kingdom)
-
- 14:40 – 15:00 What it takes to be an auxin?
Richard Napier (The University of Warwick, Coventry, United Kingdom)
-
- 15:00 – 15:20 Session speaker two
Ladislav Cvak (TEVA Czech Industries, Opava, Czech Republic)
-
- 15:20 – 15:40 Session speaker three
To be announced
-
- 15:40 – 16:00 Session speaker four
To be announced
-
- 16:00 – 17:30 Poster session
-
- 18:00 – 22:00 *Visiting Fortress of Knowledge (guided tour, entertaining program, informal meetings, social dinner)*
-



Thursday, 22nd of June 2017

Session 7: Plant biosynthetic pathways II – gene discovery

- 09:00 – 09:40 Keynote lecture: Discovery of new genes involved in phenylpropanoid biosynthesis through systems biology
[Wout Boerjan](#) (VIB, Gent, Belgium)
-
- 09:40 – 10:10 Session speaker one
Kaisa Nieminen (Natural Resources Institute Finland, University of Helsinki, Finland)
-
- 10:10 – 10:30 Session speaker two
To be announced
-
- 10:30 – 10:50 *Coffee Break*

Session 8: Molecular farming

- 11:00 – 11:30 Keynote lecture: Plant-derived antigens for human and fish vaccines
[Jihong Liu Clarke](#) (Norwegian Institute of Bioeconomy Research, Ås, Norway)
-
- 11:30 – 11:50 Plant biotechnology tools to tackle the Cadmium pollution in rice
[David Ow](#) (Plant Gene Engineering Center, Chinese Academy of Sciences, China)
-
- 11:50 – 12:10 Session speaker two
To be announced

Closing session

- 12:10 – 12:50 Plenary lecture: Plant-derived antigens for human and fish vaccines
[Gudbrand Rødsrud](#) (Norwegian Institute of Bioeconomy Research, Ås, Norway)
-
- 12:50 – 13:10 Closing remarks, poster awards
-
- 13:10 Final adjournment
-