

Programme

Tuesday, September 11, 2018

- 15:00 – 20:00 REGISTRATION
- 18:00 – 18:05 WELCOME NOTE – *Moritz K. Nowack*
- 18:05 – 19:00 KEYNOTE LECTURE – *Peter Vandenabeele*, VIB-UGent Center for Inflammation Research, Belgium
- “Many ways to die in mammalian cells – therapeutic perspectives and perspectives for plant cell death research”***
- 19:00 – 21:00 WELCOME RECEPTION

Wednesday, September 12, 2018

- 9:00 – 12:00 REGISTRATION
- 9:00 – 12:00 SESSION 1 – Chairs: *Simon Stael* and *Kris Gevaert*
- 9:00 – 9:30 *Ulrich auf dem Keller*, Technical University of Denmark, Denmark
- “Next-generation positional proteomics”***
- 9:30 – 10:00 *Salma Balazadeh*, Max Planck Institute of Molecular Plant Physiology, Germany
- “The role and regulation of chloroplast metalloprotease FtsH6 in resetting memory of heat stress”***
- 10:00 – 10:20 *Patrick Willems*, VIB-UGent Center for Plant Systems Biology, Belgium
- “PTM Viewer: From site-seeing to protein function”***
- 10:20 – 10:50 COFFEE BREAK
- 10:50 – 11:20 *Catherine de Vitry*, IBPC, CNRS / Sorbonne Université UMR, France
- “FtsH, a major housekeeping and regulatory protease of the thylakoid membrane”***
- 11:20 – 11:40 *Dani Eshel*, ARO, The Volcani Center, Israel
- “Vacuolar processing enzyme induces dual response of programmed cell death and autophagy survival following carbon starvation”***
- 11:40 – 12:00 *Nico Dissmeyer*, Leibniz Institute of Plant Biochemistry (IPB), Halle, Germany
- “Life and death of proteins after protease cleavage – reprogramming via proteolysis as molecular switch”***
- 12:00 – 13:30 LUNCH BREAK
- 13:30 – 17:20 SESSION 2 – Chairs: *Frank Van Breusegem* and *Núria Sanchez Coll*
- 13:30 – 14:00 *Hans Brandstetter*, University of Salzburg, Austria
- “Structure of the two-chain state of plant legumains relates to its physiological functions”***

- 14:00 – 14:30 *Michael Ehrmann*, University Duisburg-Essen, Germany
“Amyloid fibril degradation by human PDZ protease HTRA1”
- 14:30 – 14:50 *Marina Klemencic*, University of Ljubljana, Slovenia
“Metacaspases in plants: a journey through evolution and structure”
- 14:50 – 15:10 *Zongcheng Lin*, VIB-UGent Center for Plant Systems Biology, Belgium
“Dissecting the molecular genetics of the Papaver self-incompatibility-induced PCD machinery in a heterologous Arabidopsis system”
- 15:10 – 15:40 COFFEE BREAK
- 15:40 – 16:10 *Michael Holdsworth*, University of Nottingham, UK
“The role of the N-end rule pathway in plant growth and development”
- 16:10 – 16:40 *Gwyneth Ingram*, Université de Lyon, ENS de Lyon, France
“Cell death in the endosperm of the developing seed: sweet surrender?”
- 16:40 – 17:00 *Johana Misas Villamil*, University of Cologne, Germany
“Maize PLCPs generate peptides crucial for plant immunity”
- 17:00 – 17:20 *Judith K. Paulus*, University of Oxford, UK
“Activation of the Rcr3 immune protease by secreted Ser proteases”
- 17:20 – 21:00 POSTER SESSION WITH BEER TASTING AND FINGER FOOD

Thursday, September 13, 2018

- 9:00 – 12:20 SESSION 3 – Chairs: *Bruno Cammue* and *Christiane Funk*
- 9:00 – 9:30 *Lynn A. Megeney*, Ottawa Hospital and University of Ottawa, Canada
“The yeast metacaspase yca1 generates free ubiquitin to regulate its own enzymatic activity and maintain proteostasis”
- 9:30 – 10:00 *Céline Masclaux-Daubresse*, INRA, CNRS, and Université Paris-Saclay, France
“Autophagy and plant proteases for nutrient remobilization during leaf senescence”
- 10:00 – 10:20 *Marc Planas Marquès*, Centre for Research in Agricultural Genomics (CRAG), Spain
“Tomato apoplastic and xylem proteomes upon Ralstonia solanacearum infection”
- 10:20 – 10:40 *Klaas van Wijk*, Cornell University, USA
“In vivo trapping of chloroplast CLP substrates in Arabidopsis”
- 10:40 – 11:10 COFFEE BREAK
- 11:10 – 11:40 *Isaura Simões*, University of Coimbra, Portugal
“What can we (still) learn from plant aspartic proteases?”

- 11:40 – 12:00 *Annick Stintzi*, University Hohenheim, Germany
“Peptide signaling for drought-induced abortion of flower and fruit development in tomato plants”
- 12:00 – 12:10 *Guy van Daele*, Globachem nv, Belgium
“An agrochemical company’s perspective on the development of a biopesticide based on proteases and PCD”
- 12:10 – 12:20 *Tal Shamia*, ChromoTek GmbH, Germany
“Smaller is better – ChromoTek’s Nanobodies for Immunoprecipitation, ChIP, MS, and Imaging”
- 12:20 – 13:30 LUNCH BREAK
- 13:30 – 16:50 SESSION 4 – Chairs: *Klaas van Wijk* and *Andreas Schaller*
- 13:30 – 14:00 *Suayib Üstün*, University of Tübingen, Germany
“Autophagy: Both friend and foe in Pseudomonas infection”
- 14:00 – 14:30 *Michael Wrzaczek*, University of Helsinki, Finland
“Receptors, peptides, ROS and cell death”
- 14:30 – 14:50 *Andrey Vartapetian*, Moscow State University, Russia
“Phytaspase: back into the cell”
- 14:50 – 15:10 *Nikola Winter*, University of Vienna, Austria
“Protein turnover after proteolytic cleavage: The N-end rule pathway of protein degradation”
- 15:10 – 15:40 COFFEE BREAK
- 15:40 – 16:00 *Joel Haywood*, University of Western Australia, Australia
“Meet the carpenter: protease-mediated joinery”
- 16:00 – 16:50 KEYNOTE LECTURE *Renier van der Hoorn*, University of Oxford, UK
“Activity and activation of the extracellular tomato immune protease Rcr3”
- 16:50 – 17:00 CONCLUDING REMARKS and POSTER PRIZES
- 17:00 – 17:10 CONFERENCE PHOTO
- 17:10 – 19:00 BOAT TRIP WITH APERO
- 19:00 – 22:00 CONFERENCE DINNER