

Wednesday, 13 September 2017

- 09:00 – 18:00 **Registration**
- 09:30 – 10:00 **Opening Ceremony, Welcome speeches**
- 10:00 – 11:45 **Keynote Lectures:**
- 10:00 – 10:45 **Sjef Smeekens** (Netherlands): The ribosome as a metabolite sensor: Sucrose regulated protein translation and the control of metabolism and growth in plants
- 10:45 – 11:30 **Thorsten Nürnberger** (Germany): NLP cytolysins – microbial virulence factors and host defense activators
- 11:30 – 12:00 Coffee break

Session 1: Signalling in plant development and metabolism

Chair: **Iwona Ciereszko** and **Halina Gabryś**

- 12:00 – 13:30 **Plenary Lectures:**
- 12:00 – 12:30 Marta Derba-Maceluch, Joanna Leśniewska, Xiao-Kun Liu, Magdalena Krzesłowska, Christine Ratke, Prashant Pawar, **Ewa Mellerowicz** (Sweden): Plant responses to altered cell wall structure
- 12:30 – 13:00 **John Lunn** (Germany): A tale of two sugars – the role of trehalose 6-phosphate in sucrose signalling and homeostasis
- 13:00 – 13:30 **Jose J. Sanchez Serrano** (Spain): Stem cell renewal or differentiation: a plant's perspective for a crucial decision
- 13:30 – 13:45 Coffee break
- 13:45 – 14:45 **Oral Presentations:**
- 13:45 – 14:00 **Dorota Kwiatkowska** (Poland), Marcin Lipowczan, Dorota Borowska-Wykręt, Sandra Natonik-Białoń: Layers of growing plant cell walls differ in stiffness and/or in-plane tensile stress
- 14:00 – 14:15 **Milena Kulasek** (Poland), Agnieszka Rezulak, Wojciech Glinkowski, Jacek Kęsy, Paulina Glazińska: Expression of Auxin Response Factors (ARF) ARF2, ARF3, ARF4 changes over space and time in yellow lupine
- 14:15 – 14:30 **Julia Zdieszzyńska** (Poland), Marlena Stawska, Piotr Topolewski, Krystyna Oracz: The role of CUL4-related proteasomal proteolysis in germinating *Arabidopsis thaliana* seeds
- 14:30 – 14:45 Elżbieta Sarnowska, Paweł Ćwiek, Marcin Leszczyński, Nataliia Rusetska, Aleksandra Gos, Michał Szymanski, Marcin Ligaj, Alicja Chrzan, Dominika M. Gratkowska-Zmuda, Anna T. Rolicka, Anna Balcerak, Iga Jancewicz, Ewelina Macech-Klicka, Wagner L. Araújo, Takayuki Tohge, Sebastian P. Sacharowski, Szymon Kubala, Jarosław Steciuk, Bruno Huettel, Anna Maassen, Joanna Szarkowska, Paulina Kondrak, Alisdair R. Fernie, Csaba Koncz, Janusz A. Siedlecki, **Tomasz J. Sarnowski** (Poland): The SWI/SNF ATP-dependent chromatin remodelling complexes are involved in the control of metabolic processes in plants and human
- 14:45 – 16:15 Lunch provided

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Session 2: Symplasmic communication and plant development

Chair: **Ewa U. Kurczyńska** and **Paweł Sowiński**

16:15 – 17:30 **Plenary Lectures:**

16:15 – 16:45 **Yoselin Benitez-Alfonso** (United Kingdom): New insights on the regulation of plasmodesmata cell walls and their consequences for plant development

16:50 – 17:20 **Manfred Heinlein** (France): Plant-virus interactions involved in viral cell-to-cell spread

17:30 – 17:50 Coffee break

17:50 – 19:00 **Oral Presentations:**

17:50 – 18:00 Małgorzata Grzyb, **Justyna Wróbel-Marek** (Poland), Ewa Kurczyńska, Jan Rybczyński, Anna Mikuła: Symplasmic communication during development of *Cyathea delgadii* somatic embryos

18:05 – 18:20 **Katarzyna Sokołowska** (Poland), Magdalena Turzańska, Marie-Charlotte Nilsson: The conducting parenchyma cells – an important element of symplasmic transport inside feather moss stems

18:20 – 18:35 **Łucja Kowalewska** (Poland), Radosław Mazur, Szymon Suski, Maciej Garstka, Agnieszka Mostowska: 3D visualization of thylakoid membrane development

18:40 – 19:00 **Beata Zagórska-Marek** (Poland), Magdalena Turzańska, Katarzyna Sokołowska: Chiral events in the development of *Physcomitrella* gametophores

19:00 – 20:00 **Poster sessions 1-2**

20:15 – 22:00 **General Assembly for PSEPB Members**