



Fondation Francqui-Stichting

Fondation d'Utilité Publique - Stichting van Openbaar Nut

Plants for Growth

(Hotel le Méridien, Brussels, 1-3 December, 2006)

Programme

Friday December 1, 2006

9:00 Welcome Professor **Mark Eyskens**, Chairman of the Francqui Foundation, Minister of State

Chairman : Professor **Marc Van Montagu**, IPBO, Ghent University

9:20-10:10 Professor **Gerd Jürgens**, University of Tübingen, Germany - *Cell specification in early embryogenesis*

10:10-11:00 Professor **Yasunori Machida**, Nagoya University, Japan - *Phragmoplast expansion controlled by the MAP kinase cascade in plant cytokinesis*

11:00-11:30 Coffee

11:30-12:20 Professor **Wilhelm Grissem**, Swiss Federal Institute of Technology, Institute of Plant Sciences, ETH Zurich-Switzerland - *Connecting the cell cycle to control of plant growth and development*

12:20-13:30 Lunch

Chairman : Professor **Wilhelm Grissem**, ETH, Zurich

13:30-14:20 Professor **Denes Dudits**, Biological Research Center, Szeged-Hungary - *Regulation of cyclin-dependent kinase (CDK) function in dividing alfalfa cells*

14:20-15:10 Professor **Crisanto Gutierrez**, Centro de Biología Molecular «Severo Ochoa», Spain - *Links between cell cycle control and cell fate specification*

15:10-15:40 Coffee

15:40-16:30 Professor **Laszlo Bögre**, University of London, School of Biological Sciences, Royal Holloway, UK - *Signalling pathways to organ growth in Arabidopsis thaliana*

16:30-17:20 Professor **Dirk Inzé**, VIB, Ghent University, Belgium - *The Ins and Outs of the plant cell cycle*

17:30 Drink, on the invitation of the Francqui Foundation

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Saturday December 2, 2006

Chairman : Professor **Chris Somerville**, Stanford University, Department of Plant Biology, Carnegie Institution of Washington and Department of Biological Science-USA

09:00-09:50 Professor **Masaaki Umeda**, Nara Institute of Science and Technology, Japan *Plants specific players on the cell cycle circuit*

09:50-10:40 Professor **Pascal Genschik**, Institut de Biologie Moléculaire des plantes, France
Cullin-based ubiquitin protein ligases : how do they regulate the cell cycle ?

10:40-11:10 Coffee

11:10-12:00 Professor **Ben Scheres**, Utrecht University, Department Molecular Cell Biology, the Netherlands - *Using Arabidopsis roots to study control of cell division and cell differentiation*

12:00-12:50 Professor **Philip Benfey**, Duke University, Durham-USA - *A systems approach to understanding root development*

12:50-14:00 Lunch

Chairman : Professor **Philip Benfey**, Duke University, Durham-USA

14:00-14:50 Professor **Arp Schnittger**, Max-Delbruck-Labor, Germany - *Regulation of CDKA;1 activity in plants - at the crossroad between cell cycle and development*

14:50-15:40 Professor **Paolo Sabelli**, University of Arizona, Dept. of Plant Sciences, Tucson-USA - *Cell cycle regulation in maize endosperm and embryogenic callus*

15:40-16:10 Coffee

16:10-17:00 Professor **Ottoline Leyser**, University of York, UK - *Hormonal control of shoot branching*

17:00-17:50 Professor **Eva Kondorosi**, Institut des Sciences Végétales CNRS, Gif sur Yvette-France - *Endoreduplication : a common differentiation path in plant cells and bacteria during symbiosis*

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Sunday December 3, 2006

Chairman : Professor **Yasunori Machida** (Nagoya University, Japan)

09:00-09:50 Professor **Herman Höfte**, Institut Jean-Pierre Bourgin INRA, Versailles-France - *Building walls for growth*

09:50-10:40 Professor **Soren Brunak**, Technical University of Denmark, Lyndby - *Constructing protein-protein interaction networks for compartments and processes*

10:40-11:10 Coffee

11:10-12:00 Professor **Chris Somerville**, Stanford University, Department of Plant Biology, Carnegie Institution of Washington and Department of Biological Sciences, USA - *Genetic dissection of cell wall structure and function*

12:00-12:15 **Thank you and farewell**

12:30 Lunch

