



2nd PLANTnet PARIS Symposium

October 19th and 20th, 2009
INRA, Versailles, route de St Cyr, Amphithéâtre



From Plant Genomes to Sustainable Agriculture

Monday October 19th, 2009

- 8h45-9h00 **David Bouchez**, SGAP-IJPB The network PLANTnet PARIS in the PRES UniverSud Paris
- Plant genome plasticity** Chair: Florian Frugier
- 9h00-9h30 **Allison Mallory**, LBC-IJPB Multi-layered regulation of the small RNA-guided RNA slicer ARGONAUTE1
- 9h30-10h00 **Olivier Loudet**, SGAP-IJPB Natural variation for growth and the interaction with the environment in *Arabidopsis thaliana*
- 10h00-10h45 **Coffee break / Posters (Platforms and Ph-D students)**
- 10h45-11h15 **François Roudier**, ENS Paris Developmental dynamics of the Arabidopsis epigenome
- 11h15-12h05 **Juliette de Meaux**
MPIZ, Koeln Germany Evolution of seed dormancy in *Arabidopsis thaliana*
- 12h05-12h35** **Oliver Oliveros**, RTRA Montpellier Agropolis Fondation: Supporting agricultural research for sustainable development
- 12h35-14h00 **Lunch - buffet**

Plant physiology and metabolism Chair: Valérie Méchin

- 14h00-14h30 **Guillaume Tcherkez**
ESE / IBP - IFR 87 On the importance and peculiarities of day respiratory metabolism of illuminated leaves
- 14h30-15h00 **Sophie Filleur**, ISV - IFR 87 Respective contribution of AtCLC and AtNRT transporters in nitrate homeostasis in Arabidopsis
- 15h00-15h50 **Stan Kopriva**,
JIC, Norwich United Kingdom The importance of having sulfur
- 15h50-16h20 **Coffee break / Posters (Platforms and Ph-D students)**

Plant biotechnology and sustainable agricultural productions

Chair: Hakim Mireau

- 16h20-16h50 **Richard Sibout**, LBS-IJPB *Brachypodium distachyon* as a new model for cell wall biosynthesis in monocots
- 16h50-17h20 **Abdel Bendahmane**, URGV Evry Story of sex determination in cucurbitaceae
- 17h20-18h10 **Alain Goossens**, Ghent University Belgium How can the plant stress hormone jasmonate help to create sustainable sources of plant derived drugs?

Tuesday October 20th, 2009

Plant development, evolution and cell biology

Chair: Marianne Delarue

- 9h30-10h00 **Catherine Rameau**, SGAP-IJPB Strigolactones, a novel class of plant hormones controlling development in land plants
- 10h00-10h30 **Carmela Giglione**, ISV - IFR 87 Cotranslational N-terminal modifications: impact on growth and development
- 10h30-11h30 **Coffee break / Posters (Platforms and Ph-D students)**
- 11h30-12h00 **Sophie Nadot**, ESE- IFR 87 Evolution of floral symmetry in basal eudicots: morphological and molecular approaches
- 12h00-12h50 **Ikram Blilou**, Utrecht University Netherlands Towards new regulatory networks in the root meristem
- 13h00-14h30 **Lunch - buffet**

Plant adaptation to biotic and abiotic environmental factors

Chair: Jean Colcombet

- 14h30-15h00 **Sylvie Coursol** UMRGV Moulon - IFR 87 Characterization of a QTL for leaf growth sensitivity to soil water deficit by transcriptomic and proteomic profiling of bulked recombinant inbred lines
- 15h00-15h30 **Emmanuelle Issakidis-Bourguet** IBP - IFR 87 Redoxins and anti-stress functions in plants
- 15h30-16h00 **Coffee break / Posters (Platforms and Ph-D students)**
- 16h00-16h30 **Emmanuelle Jeannette**, Univ. P6 Some aspects of ABA signalling
- 16h30-17h00 **Giles Oldroyd**, JIC, Norwich United Kingdom Signalling pathways that establish symbiotic interactions in legumes
- 17h00-17h30 **Hélène Barbier-Brygoo**, ISV - IFR 87 Concluding remarks

<http://www.plantnetparis.fr/>

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