



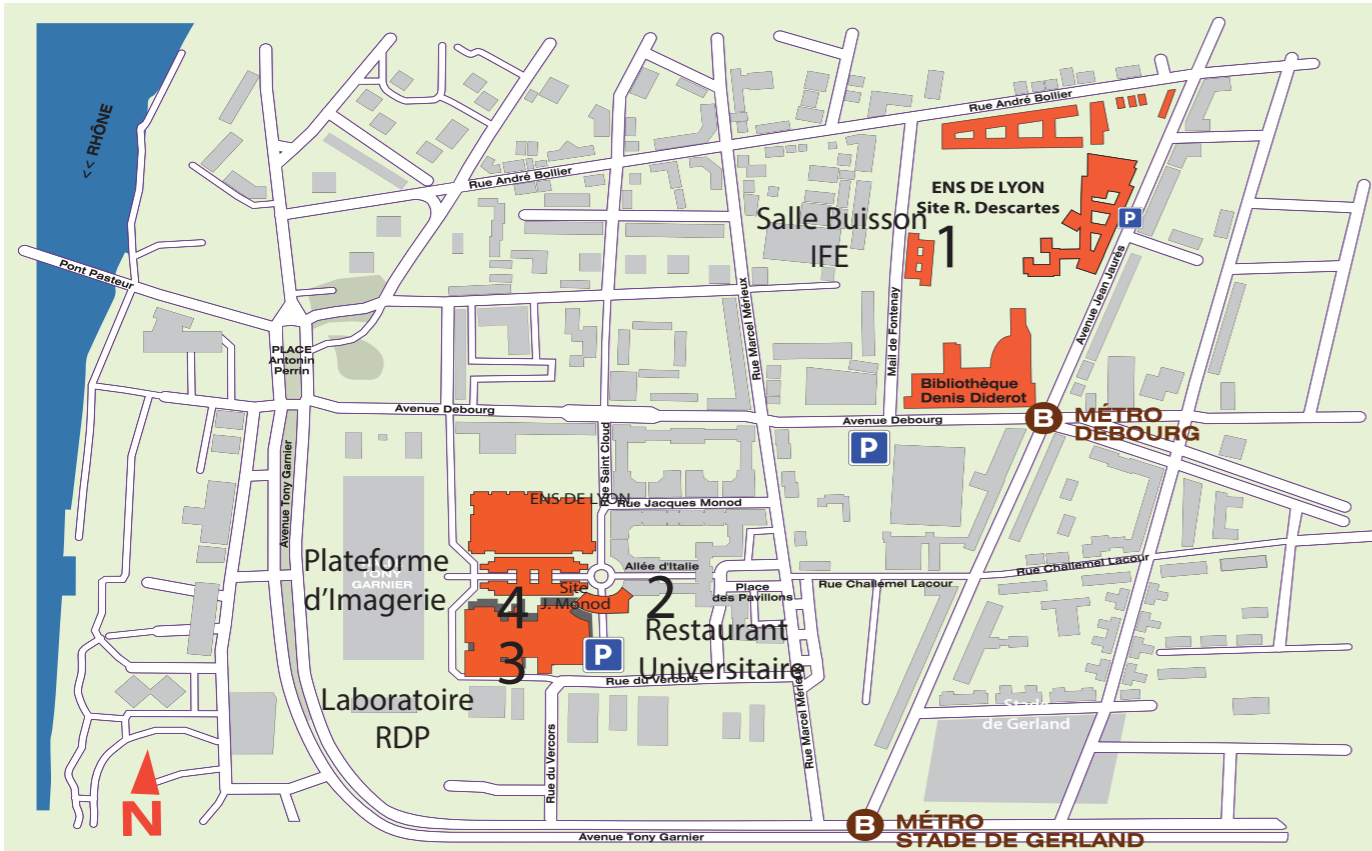
LYON / 2016

Tournées Jeunes Chercheurs

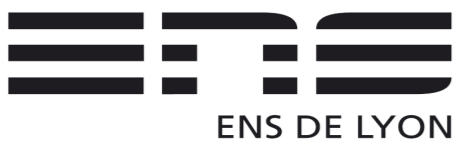
du département BAP 2016

11-12 avr. 2016 Lyon (France)

Site ENS Lyon



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ITALPOLLINA

Modeling
Development
and
Plant Breeding

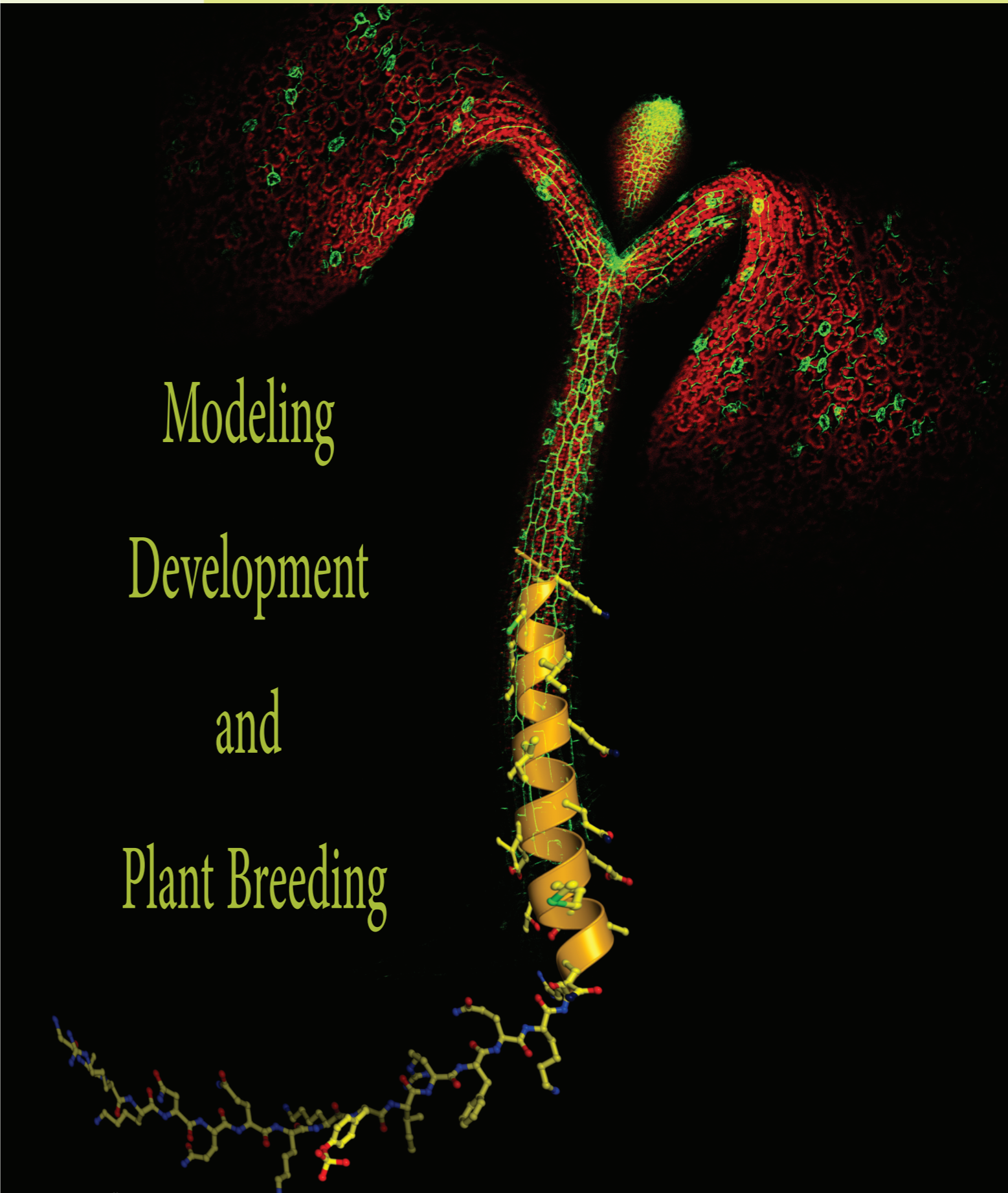


Image: Yvon Jaillais

Monday, April 11th
13h-14h: Welcoming

Welcoming speech ENS Lyon
Opening of JJC 2016 by **Téva Vernoux**, Director of R.D.P. Laboratory

First session: **Modeling and development**

- > Models of protein multimerization in the auxin transduction pathway - **Lavedrine Cyril**
- > Identification of flowering patterns specific to strawberry varieties in production condition using longitudinal data analysis - **Labadie Marc**
- > Estimation of the relatedness distribution from biallelic markers in genetics, and application in plant mating designs - **Laporte Fabien**

15h30-16h30: Break & Poster session

- > Plants don't cry, they make JA - **Antoine Larrieu**
- > Towards the elucidation of the CUC-centered regulatory network during Arabidopsis thaliana leaf development - **Maugarny Aude**
- > Functional characterisation of Mini Zinc Finger 2, a new adaptator peptide involved in floral development - **Bollier Norbert**
- > Characterisation of tomato EMS mutants affected in fruit growth and endoreduplication - **Musseau Constance**

18h: RDP lab visit

Tuesday, April 12th
8h30: Welcoming

9h: Second session opening by **Bernard Pélissier**, BAYER Crops Sciences
Second Session: **Plant breeding and plant environment interaction**

- > Utilisation des effecteurs de pathogénicité de Phytophthora infestans pour l'identification de sources de résistance a priori durables chez la tomate - **Szadkowski Emmanuel**
 - > Introgression chez la vigne de gènes de Muscadina rotundifolia impliqués dans la résistance aux maladies - **Delame Marion**
 - > Part des contributions épigénétiques et génétiques dans l'expression d'une résistance quantitative chez les Brassicaceae (cas de la hernie des crucifères) - **Liegard Benjamin**

10h30-11h: Break & Poster session

- > Sélection de résistance non liée à la cible (RNLC) à différents herbicides inhibiteurs de l'ALS au sein de trois populations d'ambrosie à feuilles d'armoise - **Meyer Lucie**
- > Génomique translationnelle chez le blé; comprendre l'évolution de son génome pour améliorer ses caractères agronomiques - **Pont Caroline**
- > Analyse de l'hérédité et des déterminants géniques contrôlant la synthèse des furocoumarines/flavonoïdes chez les agrumes - **Lenci Alexandra**

12h30: Lunch time ENS Monod

14h: Third session opening by **Benoît Planques**, ITALPOLLINA

Third session: **Metabolism**

- > Metabolic dissection of leaf senescence and nutrient remobilization in oilseed rape - **Dechaumet Sylvain**
 - > Cell biology of aquaporins in rice - **Chu Thi Thu Huyen**
 - > Molecular basis of nitrate/cytokinin-dependent long distance signaling in Arabidopsis thaliana - **Poitout Arthur**

15h30-16h30: Break & Poster session

- > Study of transcription factor involved upstream and/or downstream of nitrate signaling in Arabidopsis thaliana - **Safi Alaeddine**
- > Nineteenth century French rose (Rosa L. sp.) germplasm shows a continuous shift over time from a European to an Asian genetic background - **Liorzou Mathilde**
- > A new NGS-Mapping approach to decipher ascorbic acid regulation in tomato fruit - **Deslous Paul**

Closing speech by **Carole Caranta**, INRA BAP department director