PROGRAM

Welcoming coffee

09h00 - 09h20 Dominique ROBY & Etienne DANCHIN
Introduction
09h20 - 09h30 Julie QUOYER
ANR policy

Opening session : Interface

09h30 - 10h30 Jean-Baptiste FERDY & Rémi PEYRAUD (EDB-LIPM)
Cheaters emergence, an ineluctable evolutionary trajectory within pathogens populations?

Coffee break

Session 1 : Epigenetics

11h00 - 11h10 Serge PLAZA / Jean-Philippe COMBIER (LRSV)
Small RNA and peptides: challenges and perpectives
11h10 - 11h20 Olivier REY (SETE)
Adaptation to global change: a transposable element-epigenetics perspective
11h20 - 11h30 Delphine GOURCILLEAU (EDB)
Epigenetic modifications in response to environmental constraints
11h30 - 12h00 *Discussion*

Session 2 : Experimental evolution

12h00 - 12h10 Catherine MASSON (LIPM)
Evolution of mutualism in the rhizobium-legume symbiosis»
12h10 - 12h20 Delphine LEGRAND (SETE)
Evolving and Resequencing microorganisms
12h20 - 12h30 Arnaud SENTIS (EDB)
Experimental evolution without initial standing genetic variation
12h30 - 13h00 *Discussion*

Lunch

Session 3 : Biotic interactions & environment

14h30 - 14h40 Claudia BARTOLI (LIPM)
In situ relationships between microbiota and potential pathobiota in Arabidopsis thaliana
14h40 - 14h50 Sylvain RAFFAELE (LIPM)
Fungal genome evolution associated with host range expansion
14h50 - 15h00 Richard BERTHOME (LIPM)
Quantitative Disease Resistance in the context of global warming: genetic basis of new resistance mechanisms to Ralstonia solanacearum
15h00 - 15h30 *Discussion*

Session 4 : Evo-Devo

15h30 - 15h40 Patricia BELDADE (EDB)
Genetic basis of variation in developmental plasticity
15h40 - 15h50 Christophe DUNAND (LRSV)
Seed mucilage secretion: a dynamic process only observed in few Angiosperms
15h50 - 16h00 Hervé PHILIPPE (SETE)
How phylogenomics may help evo-devo researchers?
16h00 - 16h30 *Discussion*

Closing coffee session