

TULIP 2019 Meeting Program



Wednesday May 15th

Welcoming coffee

Introduction

09h00 - 09h15 **Dominique ROBY & Etienne DANCHIN**

Introduction

09h15 - 09h30 **Fabrice ROUX & Monique GARDES** (futur TULIP coordinators)

Short presentation of the TULIP 2025 project

Morning session : Microbiome

Plant-Microbiome Interactions

09h30 - 09h45 **Christophe ROUX** (LRSV)

The arbuscular mycorrhizal fungal holobiont: from their plant symbionts to endobacteria to soil associated bacteria, AM fungi manage different biomes as Russian dolls

09h45 - 10h00 **Nathalie SEJALON-DELMAS** (LRSV)

Prospective studies on ascomycetes endophytes in maize roots: plant species specific community or mycorrhizal fungi filter?

10h00 - 10h15 **Fabrice ROUX** (LIPM)

A genomic map of local adaptation to microbiota and potential pathobiota in Arabidopsis thaliana

10h15 - 10h45 **Discussion**

Coffee break

Animal-Microbiome Interactions

11h00 - 11h15 **José MONTOYA** (SETE)

Global sponge microbiome

11h15 - 11h30 **Joël WHITE** (EDB)

Does environmental anthropization induce alterations in the microbiome of wild vertebrates? Evidence from 2 different model systems

11h30 - 11h45 **Staffan JACOB** (EDB)

Host microbiota: importance for the hosts, regulation and sensitivity to warming

11h45 - 12h15 **Discussion**

Lunch break

13h15 - 13h30 **Monique GARDES, Jean-Philippe GALAUD, Jean-Marc DERAGON**

Presentation of the TULIP-GSR project

TULIP 2019 Meeting Program



Wednesday May 15th

Afternoon session: Eukaryotic epigenetics

13h30 - 14h30 **Olivier Cuvier** (LBME - invited speaker)
Single cell gene expression homeostasis from Chromatin-encoded Epigenetics in 1D and 3D

Ecology and evolution

14h30 - 14h45 **Jérémie VIDAL-DUPIOL** (IHPE)
Epigenetic change mediate rapid adaption to global warming in coral
14h45 - 15h00 **Simon BLANCHET** (SETE)
Linking epigenetics and biological conservation: Toward a conservation epigenetics perspective
15h00 - 15h30 **Discussion**

Coffee break

Genetic and molecular mechanisms

15h45 - 16h00 **Frédéric PONTVIANNE** (LGDP)
The Epigenome in 3D: role of the nuclear organization in gene expression in A. thaliana
16h00 - 16h15 **Pascal GAMAS** (LIPM)
Epigenetic regulation of symbiotic nodule development in Medicago truncatula
16h15 - 16h30 **Laurent DESLANDES** (LIPM)
Subversion of host plant epigenome by a bacterial bioagressor
16h30 - 16h45 **Mondher BOUZAYEN** (GBF)
Developmental transitions and transcriptomic reprogramming underlying tomato fruit development
16h45 - 17h15 **Discussion**

