

Program

Thursday, December 5th

Nantes University, Campus Lombarderie, Building 1, Amphi A



8h30 – 9h

WELCOME COFFEE

9h

Laboratory Presentation

Pr Bernard OFFMAN

US2B Director

9h – 10h45

Session 1

The role of bioinformatics in therapeutic innovation

9h15

Nanofitin epitope prediction based on computational techniques

Elena SANCHEZ

PhD Student

9h30

Studies on Switch Region Dynamics and Cryptic Pocket Detection in RAC1-GEF Complexes

Elvis MARTIS

Post – PhD Student

9h45

Study of the relationship between the structure and function of a transcription factor involved in the development of CLBs

Florent BOYER

PhD Student from CRCI2NA Nantes

10h15

Round Table

10h45 – 11h

COFFEE BREAK

11h – 12h30

Session 2

Precision Medicine

11h

New approaches for tumor spatial heterogeneity study

Maxime GOLIAS

PhD Student

11h15

Microfluidics technology for cancer detection

Isidora PANEZ

PhD Student

11h30

Chromatin dynamics in response to DNA damage

Pierre-Alexandre VIDI

Group Leader of INGENO at ICO Nantes

12h

Round Table

12h30 – 14h

LUNCH BREAK

14h – 15h30

Session 3

Plant – Plant interactions

14h

Study of OcKAI2, the receptors of germination stimulants in the parasitic plant *O. cumana*

Julien AFFHOLDER

PhD Student

14h15

Molecular and biochemical interactions between *Cannabis sativa* (hemp) and *Phelipanche ramosa* (branched broomrape)

Mohammadreza NESHAT

PhD Student

14h30

The plant microbiome in agriculture: microbiota-mediated plant protection

Nathan VANNIER

*Research fellow at IGEPP
Rennes*

15h

Round Table

15h30 – 15h45

COFFEE BREAK

15h45 – 17h15

Session 4

Diazotrophy in oceans

15h45

Novel Non-Cyanobacterial Diazotrophs (NCD) affiliated to terrestrial nitrogen-fixing taxa support marine microalgae in nitrogen-deprived environments

Udita CHANDOLA

Post-PhD Student

16h

Ecophysiology of a marine Non Cyanobacterial Diazotroph (NCD)

Pauline CRETIN

PhD Student

16h15

N₂ fixation in the world Ocean: new insights and challenges

Hugo BERTHELOT

*Researcher at IFREMER
Brest*

16h45

Round Table

17h15 – 17h30

CLOSING OF THE DAY