



Program 6th FRISBI Users Meeting

Friday December 9, 2022 - Gif sur Yvette

09.00 - 09.30 *Registration*

09.30 – 09.45 Welcome/Introduction (Xavier Manival)

09.45 - 10.30 Sample Preparation (moderator Valérie Biou / Xavier Manival)

09.45 - 09.55 Working Group Sample Preparation, **Arnaud Poterszman** (IGBMC, Illkirch).

09.55 - 10.10 Molecular mechanism of the regulation of JIP3/4, a versatile cytoskeletal-motor adaptor, **Paola Llinas** (I2BC, Gif/Yvette).

10.10 - 10.25 Glutathione Transferases are also transporters: the case of anthocyanins, **Frédérique Favier** (CRM², Nancy).

10.30 - 11.15 Crystallography (moderator Aurélie Albertini / Claude Sauter)

10.30 - 10.40 Working Group Crystallography, **Gerlind Sulzenbacher** (AFMB, Marseille).

10.40 – 10.55 New instruments in Grenoble: the French macromolecular crystallography beamline BM07-FIP2 and the icOS Lab, **Antoine Royant** (responsable ligne FIP, ESRF, Grenoble).

10.55 – 11.10 Stapled peptides to inhibit the interaction between activating and conjugating enzymes in SUMOylation, **Claude DidierJean** (CRM², Nancy)

11.15 - 12.00 Biophysical characterization (moderator Stéphane Betzi / Eric Ennifar)

11.15 - 11.25 Working Group Biophysical characterization, **Julie Ménétrey** (I2BC, Gif/Yvette).

11.25 - 11.40 Interactions and drug design for C-type lectin receptors: pathogen recognition receptors used by viruses, **Franck Fieschi** (IBS, Grenoble).

11.40 - 11.55 Interaction between dystrophin and phospholipid bicelles, as measured by the switchSENSE technology, **Sophie Combet** (LLB, Saclay).

12.00- 12.30 CU-member discussion

12.30-14.00 *Lunch*

14.00- 14.30 ProFI presentation (moderator Myriam Ferro/Sarah Cianferani)

14.00 - 14.15 Structural Mass Spectrometry at ProFI **Julien Marcoux** (IPBS, Toulouse)

14.15 - 14.30 Combined use of biophysics, structural and mass spectrometry methods to decipher mechanism of action of nuclear receptors. **Natacha Rochel-Guiberteau** (IGBMC, Illkirch)

14.30 - 15.00 NMR (moderator Rémi Sounier / Guillaume Bouvignies)

14.30 - 14.40 Working Group NMR, **Sophie Zinn-Justin** (I2BC, Gif/Yvette).

14.40 - 14.55 A flexible and original architecture of two unrelated zinc fingers underlies the role of the multitask P1 in RYMV spread, **Florence Vignols** (IPSiM, Montpellier).

14.55 - 15.10 Cell-Free Facility: A powerful tool for expression and labelling of challenging targets, **Lionel Imbert** (in charge of cell-Free expression Facility, Grenoble).

15.00 - 15.45 Electron microscopy (moderator Célia Plisson-Chastang / Eric Durand)

15.00 - 15.10 Working Group EM, **Guy Schoehn** (IBS, Grenoble).

15.10 - 15.25 Structure, function and dynamics of Alphavirus capping pores, **Juan Reguera** (AFMB, Marseille).

15.25 - 15.40 Model, structure and function of a bacterial virulence factor, **Charline Mary** (CBS, Montpellier).

15.45-16.30 General discussion / Return of the survey / Conclusion