



Program 4rd FRISBI Users Meeting

Thursday December 13, 2018 - Gif sur Yvette

09.00 - 09.45 *Registration*

09.45 – 10.00 Welcome/Introduction (Bruno Robert et Bruno Klaholz)

10.00 - 10.45 **Sample Preparation** (moderator Marc Delarue / Xavier Manival)

10.00 - 10.10 Working Group Sample Preparation, **Renaud Vincentelli**, AFMB, Marseille

10.10 - 10.25 Deciphering the structure and function of lipid transporters after overexpression in *Saccharomyces cerevisiae*, **Cédric Montigny**, I2BC, Gif/Yvette

10.25 - 10.40 Biophysical determinants of the adhesion strength of gap junctions, **Arin Marchesi**, Inserm U1067, Marseille

10.45 - 11.30 **Crystallography** (moderator Laurent Terradot / Aurélie Albertini)

10.45 - 10.55 Working Group Crystallography, **Gilles Labesse**, CBS, Montpellier

10.55 – 11.10 Getting the structure of transfer proteins to map lipid roads throughout the cell, **Guillaume Drin**, IPMC, Sophia-Antipolis

11.10 – 11.25 Cracking the N-Myristoylation code at structural and genome scales, **Cyril Dian**, I2BC, Gif/Yvette

11.30 - 12.15 **Biophysical characterization** (moderator Lionel Mourey)

11.30 - 11.40 Working Group Biophysical characterization **Christine Ebel**, IBS, Grenoble

11.40 - 11.55 Use of Analytical centrifugation to understand the complex interaction relationships within DBHS proteins **Sébastien Fribourg**, ARNA Inserm U1212, Bordeaux

11.55 - 12.10 Mechanistic investigation of a fluorescent protein suggests how to rationally engineer a super-resolution microscope **Dominique Bourgeois**, IBS, Grenoble

12.15- 13.00 **Poster session**

13.00-14.10 *Lunch*

14.15 - 15.00 **NMR** (moderator Michael Nilges / Françoise Guerlesquin)

14.15 - 14.25 Working Group NMR **Carine Van Heijenoort**, ICSN, Gif/Yvette

14.25 - 14.40 Fluoroprolines as a tool to explore Intrinsically Disordered Regions of Proteins by NMR, **Davy Sinnaeve**, UGSF, Lille

14.40 - 14.55 Combining xtallography, cryo-EM and NMR to study the trigger for siphophage DNA ejection, **Cécile Breyton**, IBS, Grenoble

15.00 - 15.45 **Electron microscopy** (moderator Yves Mechulam / Eric Durand)

15.00 - 15.10 Working Group EM **Bruno Klaholz**, IGBMC, Strasbourg

15.10 - 15.25 Structure of the type 6 secretion system, dissecting its components by cryo-EM **Chiara Rapisardia**, IECB, Bordeaux

15.25 - 15.40 Maturation of small ribosomal subunits followed by cryo-EM analysis, **Célia Plisson**, LBME, Toulouse

15.45-16.45 **General discussion**