



CBMN Scientific Day “Membrane proteins”

24th of April 2025

9H00-10H40 Session 1

9H00-9H40 **Cherine Bechara** (IGF Montpellier): Invited Speaker: *Charged for Discovery: Native and HDX-MS in Membrane Protein Structural Analysis*

9H40-10H00 **Stephen Manon** (IBGC) *Using nanodiscs to investigate the role of Tom22 on Bax localization in the Mitochondrial Outer Membrane*

10h00-10h40 **Florent Di Meo** (INSERM/Univ Limoges): Invited Speaker: *Deciphering the active role of surrounding lipids onto the structural dynamics and function of membrane transporters*

10H40-11H00 Coffee break

11H00-12H30 Session 2

11H00-11H40 **Robert Quast** (CBS Montpellier): Invited Speaker: *Dissecting the activation mechanism of class C GPCRs using single molecule FRET in two and three colors*

11H40-12H00 **Marie-Lise Jobin** (CBMN) *Journey into the heart of cannabinoid signaling: membrane lipids and cannabinoid receptors in action*

12H00-12H20 **Emmanuelle Thinon** (CBMN) *Regulation of a host membrane protein by S-palmitoylation in Zika virus infection*

12H120-12H30 Flash posters

12H30-14H30 Lunch break +Poster session

14h30-17H00 Session 3

14h30-15h10 **Martin Picard** (IBPC Paris): Invited Speaker: *From proteoliposomes to precision: direct in vitro evidence of substrate specificity in the MexAB-OprM efflux pump from Pseudomonas aeruginosa*

15H10-15H30 **Birgit Habenstein** (CBMN): *Protein-lipid networking during nanodomain formation in plant cells*

15h30-16h10 **Jonathan Elegheert** (IINS Bordeaux): Invited Speaker: *A toolbox for facilitating membrane protein structure determination; lentiviral protein production, interface engineering and nanobody discovery*

16H10-16H30 **Marie-France Giraud** (CBMN): *Membrane protein expression in cell-free systems*

16H30-16H45 **Marine Crouvazier** (CBMN): *Purification of a multidrug Resistance Transporter*

Departure coffee break