



SFR Scientific Day 2023
Protein studies from atomic to integrated scales
June 23rd 2023
Château de Montchat, 69003 Lyon

PROTEIN SCIENCES

8:30-9:00: Welcome
9:00: Introduction to the SFR - Y. Leverrier, SFR Director
9:10: Introduction to Protein Science Facility (PSF) - V. Gueguen-Chaignon
9:20: Enzymatic and structural characterization of enzymes from the opportunistic pathogen *Candida glabrata* - L. Ballut (MMSB)

STRUCTURAL APPROACHES

9:40: Targeting protein-protein interactions with nanobodies : an efficient way to modulate collagen fibrillogenesis - S. Le Goff (CNRS UMR5305, LBTI)
10:00: SPR measurements of affinities between macromolecules - D. Cluet (ENS, LBMC)
10:20: Proteomic analysis of the shift to competence in *Legionella pneumophila* - L. Attaiech (CIRI)
10:40: Coffee break

PROTEOMIC

11:05: Keynote lecture: Regulation of Lytic Machineries in the Bacterial Cell Wall. A structural approach - J. Hermoso (Instituto Quimica-Fisica, CSIC, Spain)
12:00: Proteomic-driven identification of receptors involved in edge-based growth control - L. Elliott (RDP)
12:30: Lunch Break, coffee, poster and exhibition tables
14:00: Company Flash Talks
14:30: 4 Flash Talks Technology Development SFR-funded projects

PROTEIN INTERACTIONS

15:00: Keynote lecture: Protein dynamics driving circadian physiology - M. Robles (Biomedical Center & Institute of Medical Psychology, Munich, Germany)
15:55: A Nanobody-based approach for capturing interactomes of specific dimeric protein complexes in live cells - N. Hajj Sleiman (IGFL)
16:15: Proteomics, lipidomics, and the cell biology of virus entry - P.Y. Lozach (IVPC)
16:35: Concluding remarks, coffee posters, and exhibition tables

