Welcome and Check-in
Introduction - Jean-Claude Michalski (Dir. ITMO BMSV)

SESSION 1: Introduction and chemistry in living cell - Chair: Anne Imberty (Grenoble)

9:30 Inorganic cellular chemistry: form biological activity to sub cellular imaging - Clotilde Policar (Paris)
10:10 Metabolic labeling of living bacteria – Boris Vauzeilles (Orsay – Gif sur Yvette)
10:35 Breaking new ground of in cell and in vivo synthetic chemistry – Alain Wagner (Illkirch)
11:00 Coffee-break and Poster Session

SESSION 2: Chemical biology of proteins and peptides - Chair: Agnès Delmas (Orléans)
11:20 Chemical modification of proteins in vitro and on live cells using protein trans-splicing – Henning Mootz (Münster)
12:00 Chemically-modified proteins as tools designed to explore biological systems – Vincent Aucagne (Orléans)
12:25 Flash presentations (details page 2)
13:00 Lunch (Joliot-Curie room)

SESSION 3: Chemistry for imaging and modeling - Chair: Pascal George (Chatenay-Malabry)
14:30 Non-Invasive Imaging of metabolic fluxes and enzymatic activity in living mice - Hacer Karatas (Lausanne)
15:00 A toolkit of fluorescent molecular probes for biomembrane research - Andrey Klymchenko (Strasbourg)
15:25 A scent of molecular modeling in chemical-biology - Bernard Offmann (Nantes)
15:50 Coffee-break and Poster Session

SESSION 4: Chemical biology of nucleic acids - Chair: Carine Giovannangeli (Paris)
16:10 Small Molecules, Big Players – Raphael Rodriguez (Gif-sur-Yvette)
17:15 Conclusion - Agnès Delmas, Anne Imberty et Pascal George, représentant la Société de Chimie Thérapeutique (SCT)
17:30 End of the symposium
Flash presentations (12:25 - 13:00)

Broad profiling prediction of protein kinase inhibitors via kinochemometrics approach - **Nicolas Bosc** (Orléans)

Light-activated proteolysis for remote control of proteins - **Quentin Delacour** (Paris)

Lanthanide(III)-based polyamidoamine dendrimers as visible and near-infrared imaging probes - **Svetlana Eliseeva** (Orléans)

Synthesis of peptidyl-RNA conjugates for structural and mechanistic study of FemXwv aminoacyl transferase - **Mélanie Etheve-Quelquejeu** (Paris)

Cu ligands with high selectivity over Zn to combat Alzheimer’s disease - **Christelle Hureau** (Toulouse)

Towards semi-synthetic n-glucosylated mog to identify aberrantly modified native protein autoantigens in multiple sclerosis - **Maud Larregola** (Cergy-Pontoise)

Heparan sulfate-protein chemical biology for therapeutic innovation - **Christine Le Narvor** (Orsay)

Targeting epigenetic factors and DNA methylation: towards development of novel anticancer therapies - **Marie Lopez** (Toulouse)

Out-of-phase imaging after optical modulation (opiom) for selective imaging of photoconvertible proteins – **Jérôme Quérard** (Paris)

Polymer photoswitches to manipulate lipid membranes and cells with light - **Christophe Tribet** (Paris)

Degradable hybrid materials based on cationic acylhydrazone dynamic covalent polymers promote DNA complexation through multivalent interactions - **Sebastien Ulrich** (Montpellier)

Brief presentation of “GDR ChemBioScreen: A French network for chemical biology” - **Laurence Lafanèchère** (Grenoble)
Localisation
To get the Amphithéâtre Marie Curie
CNRS, Campus Gérard Mégie
3 rue Michel-Ange
Paris 16ème

Métro : Michel Ange Auteuil
Bus : 52 / 62 (Michel Ange Auteuil)

Une carte d'identité sera demandée à l'accueil

An identity card will be requested at the reception