

## – Programme de la Journée de Rentrée 2023 de l'ED406 –

Mercredi 8 mars 2023 à 9h15

Amphithéâtre Moissan – PSL, Chimie ParisTech

11, rue Pierre et Marie Curie, 75005 Paris

Horaire	Intervenant	Titre	Modérateur
9h15 – 9h30	<b>Accueil et ouverture</b>		Dr Cyril OLLIVIER Directeur de l'ED
	Jakhongir BEKMIRZAEV	<i>Multicatalytic approaches to polymers upcycling</i>	Dr Vincent CORCE
	Natacha JEANSON	<i>Polyurethane recycling</i>	
	Qing LIU	<i>Mechanochemistry-assisted continuous catalysis in green solvent</i>	
	Lamine SAADI	<i>Catalytic Metalation of C–H bonds with Main Group Element-Based Diazenes</i>	
	Olivier CHARRON	<i>Asymmetric transfer hydrogenation : application to strained functionalized cycles</i>	
	Marharyta KOSIUHA	<i>Asymmetric Transfer Hydrogenation: Toward Organic Molecules of Interest (Cyclic and Strained)</i>	
	Lukmonjon MUTALLIEV	<i>New Cross Coupling Reactions by Dual Photoredox/Ni Catalysis</i>	
	He WANG	<i>Glycoengineering of monoclonal antibodies with therapeutic activity on Liver Cancers</i>	
	Josue Arturo LEDEZMA FIERRO	<i>Valorization of lignin depolymerization products for the preparation of value-added chemicals</i>	
	Shuai ZHONG	<i>Development of Antifungal Organometallic Drug Candidates</i>	
10h30– 11h00	<b>Pause</b>		
	Jules BRESSON	<i>Synthesis of bis-<math>\beta</math>-lactam conjugates as narrow spectrum antibiotics to fight the emergence of antimicrobial resistance</i>	Dr Candice BOTUHA
	Namita Raju JOHN	<i>Biological studies on mimics of the superoxide dismutase enzyme</i>	
	Lorenzo LORENZINI	<i>New radical based strategies for Ge-C bond formation</i>	
	Clément SOEP	<i>Study of ligand electronic effects in organometallic complexes using FT-ICR mass spectrometry</i>	
	Alix DESJONQUERES	<i>Photocatalyzed Alkane Conversion by Polyoxometalates</i>	
	Kirill KUZNETSOV	<i>Novel PDT agents for Synetgetic and Theranostic applications</i>	
	Francesc PENAS-HIDALGO	<i>Computational Chemistry of Functionalized MOFs for CO2 transformations</i>	
	Yiquian WANG	<i>NanoTheranostic Porphyrins for MRI Imaging, Photodynamic and Photothermal Therapy against Cancer in Preclinics</i>	
	Nihal HADJ SEYD	<i>Switchable molecular tweezers for multifunctional systems</i>	
	Zhimei XIAO	<i>Photocatalysis in Living Cells with Earth Abundant Metals for Cancer Therapy</i>	
	<i>Intervention Dr Cyril OLLIVIER</i>		
12h00 – 14h00	<b>Pause Repas</b>		

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Horaire	Intervenant	Titre	Modérateur
14h00			
	Luis Alejandro CANO GONZALEZ	<i>Designing New Cell-Penetrating Peptides and Homeoproteins for Therapeutic Applications</i>	Dr Vincent CORCE
	Anzhela KARAPETYAN	???	
	Sarah MEHDI	<i>Peptide inhibitors of RED-SMU1 interaction as a new anti-viral agent against Influenza A viruses using Dynamic Combinatorial Chemistry</i>	
	Farah TAZI	<i>Dissecting cell-penetrating peptides systems for cytosolic delivery of therapeutic proteins</i>	
	Faycel DJEBBAR	<i>Synthesis of iron complexes featuring redox active ligands for catalysis</i>	
	Milan INNOCENT	<i>Photoinduced iron-catalyzed decarboxylative reactions</i>	
	Hang LI	<i>New Allene bis-Phosphine Ligands. Applications in Catalysis and Materials Sciences</i>	
	Ashmi RODRIGUES	<i>Self-adaptative peptidic libraries for protein-protein interaction inhibition</i>	
	Océane RONDOT	<i>Design and pharmacological optimization of N,N,N-triacylamines, as kallikrein-8 inhibitors for the treatment of Alzheimer's disease</i>	
	Valérian LIBERIOUX	<i>Structure-activity of virus-like supramolecular assemblies of cyclodextrins resolved by cryo-EM</i>	
<i>Intervention Dr Cyril OLLIVIER</i>			
15h00– 15h30	<b>Pause</b>		
	Christian CARINO	<i>Photoactive polyoxometalate-based molecular hybrids for solar energy conversion</i>	Dr Cyril OLLIVIER
	Hiba KHELIFA	<i>Morphology-controlled nanomaterials to understand protein corona</i>	
	Fabio MOCCIA	<i>Study of Indolizy ligand coordination and new applications</i>	
	Adrien TINTAR	<i>Synthesis of active pheromones by organometallic catalysis : development, methodology and applications in flow synthesis</i>	
	Jingjing REN	<i>Co-immobilization of polyoxometalates and organic cations onto (mesoporous) silica for supported CO2 cycloaddition onto epoxides</i>	
	Basile WEYL	<i>Heterogeneous catalysis in flow: multicomponent reactions and photochemistry</i>	
	Suqian FU	???	
	Caitlan VERVISCH	<i>Impact of redox modulation on the fate of Pt anticancer drugs and tumor targeting using extracellular vesicles</i>	
	Arthur ROUX	<i>Studying the interaction between Polyoxometalates and Amyloid peptides in the context of Alzheimer's disease and Diabetes</i>	
	Huiyin LIU	<i>Magnetic Molecularly Imprinted Polymers in Organic Synthesis: From Standard to Dynamic Kinetic Resolution</i>	
<i>Intervention Dr Cyril OLLIVIER</i>			
16h30	<b>Clôture</b>		