

– Programme de la Journée de Rentrée 2024 de l'ED406 – Promotion 2023

Mercredi 6 mars 2024 à 9h00

Amphithéâtre 25 – SU, Campus Pierre et Marie Curie
4, place Jussieu, 75005 Paris

Horaire	Intervenant	Titre	Modérateur
9h00 – 9h15	Accueil et ouverture		Dr Cyril Ollivier Directeur de l'ED
	Roache ARULANANDAM	<i>Biochemical study of UbiU-UbiV from Escherichia coli, two [4Fe-4S] enzymes involved in a prephenate-dependent anaerobic hydroxylation reaction</i>	Dr Rémi Blicek
	Yan ZENG	<i>Catalytic Metalation of C-H bonds with Main Group Element Based Diazenes</i>	
	Zhenhua CHEN	<i>Selective Tumor Delivery of Metal-based Photosensitizers for Photodynamic Therapy</i>	
	Chonghuo LIU	<i>Synthesis of enantioenriched high value-added fluorinated building blocks through asymmetric transfer hydrogenation</i>	
	Valisoa RABENANDRASANA	<i>Contribution to the design, synthesis and evaluation of peptides-based theranostic tools for cancer imaging and radiotherapy</i>	
	Yaquine BEN HADJ HAMMOUDA	<i>Metal-based antioxidants: evaluation for gut inflammation control</i>	
	Hai Nam HA	<i>Lowering alkali cation in acidic CO₂ electroreduction into multicarbon products via surface modification of Cu-based catalysts or using high CO₂ pressure</i>	
	Duy Thai NGUYEN	<i>Molecular Modification of Copper Catalyst Surface for CO Electroreduction</i>	
	Laura THIRION	<i>Broadening of Horizons in Transition-Metal Catalyzed C-H bond Functionalizations</i>	
	Elise BOUDRY	<i>Synthèse one-pot de propane à partir de dioxyde de carbone</i>	
	Valentin POIRIER	<i>Hydrogenation and dehydrogenation studies of phenolic molecules from biomass.</i>	
10h30– 11h00	Pause		
	Nader BALBALI	<i>Peptidyl metal complexes for catalysis in water</i>	Dr Phannarath Phansavath
	Zeping ZHANG	<i>Luminescent Cycloplatinated Complexes Containing Organic Chromophores: Towards Panchromatic Emitters</i>	
	Dandan DI	<i>Understanding the Behaviors of Polymeric Nanomaterials in Biological Media: Focus on Intravenous and Oral Delivery</i>	
	Salomé LUCE	<i>Synthesis and characterization of silane-terminated polymers debondable on demand</i>	
	Virgile ROUFFETEAU	<i>ML-guided electrophotocatalytic multicomponent reactions</i>	
	Emilien BEUDY	<i>Cooperative Silicates in Organometallic Catalysis</i>	
	Abdourahim HAMMANI	<i>Integration of polyoxometallates in molecular spintronics devices</i>	
	Wanjiki NJOROGE	<i>Multi-Parametric Biosensors Designed by Surface Modification based on Metallic and Organic Nano-Platforms for the Detection of Emerging Pollutants.</i>	
	Manon WITTWER	<i>Development of Dual-Input chemogenetic probes for metal cations (Ca²⁺ and Zn²⁺)</i>	
	Sarah CHAPUIS	<i>Enantioselective Catalysis through Activation of Grignard and Organozinc Reagents by Chiral non-Racemic Immobilized Carbenes</i>	
	Julian David PORRAS ARGUELLO	<i>Biodegradable polymeric nanomaterials for oral vaccination</i>	
12h00 – 14h00	Pause Repas		

Horaire	Intervenant	Titre	Modérateur
14h00			
	Sophia BEN AHMED	<i>Molecular, bioinspired and heterogenized catalysts for CO2 reduction</i>	Pr Virginie Mansuy
	Lei ZHOU	<i>Towards the Discovery of New Photodynamic Therapy Photosensitizers Based on Bioavailable Metals</i>	
	Lucas FERREIRA DE CASTRO	<i>Gut microbiome-on-a-chip: Genomic, transcriptomic and proteomic a global insight</i>	
	Corentin LUDWIG	<i>Development of organometallic anti-leishmanial drug candidates</i>	
	Olivia SOUFFLET	<i>Targeting CD47 with agonist peptides to address cancer with bad prognosis</i>	
	Bhramar BISWAS	<i>Reactivity of oxamate ligands in solvothermal and microwave synthetic conditions: preparing MOFs for molecule sensing or ion mobility</i>	
	Margaux HANARD	<i>Enantioselective Coupling Reactions by Dual Catalysis</i>	
	Cédric PECOU	<i>Magnetic Dendrimers</i>	
	Chengjun WU	<i>Synthesis and Application of Novel Fe(II) and Zn(II) Catalysts</i>	
	Eleni KOVANI	<i>Polyoxometalate-based Artificial Photosynthesis</i>	
	Wenqing XU	<i>High-throughput and large-scale IM-MS approach for the characterization of oligosaccharides in breast milks</i>	
15h15- 15h45	Pause		
	Mokhtar BEN GHANEM	<i>Design of transition metal systems bearing neutral ligands for oxidative reactions</i>	Dr Vincent Corcé
	Sisi ZHU	<i>Instrumental and methodological developments for the on-line coupling of Microfluidic Capillary Electrophoresis to Surface Enhanced Raman Spectroscopy (MCE-SERS) applied to the separation and identification of submicro- and nanoplastics in water</i>	
	Ruonan GAO	<i>Synthesis of Gd complexes and apply as MRI contrast</i>	
	Tao MA	<i>Synthesis of chiral phosphines via asymmetric catalysis and their applications</i>	
	Leyu TANG	<i>Synthesis of oligosaccharides for tumor imaging: aminoethyl glycoside of sialyl Lewis X</i>	
	Grégoire BOIVIN		
	Apollonia KALAMATIANOU	<i>Development of anti-infective organometallic drug candidates</i>	
	Théo PIERRU	<i>New Cationic OrganoAcids for Applications in Synthesis</i>	
	Yongqiang XU	<i>Cobalt-Catalyzed C4-Silylation by Hydroxyl-Directed C-H Activation of HMF Derivatives</i>	
	Tom LACOMA	<i>Synthesis and biological activity of gold-based anticancer agents for targeted therapy</i>	
	foTian ZENG	<i>Eco-Efficient Processes for the Synthesis of Sustainable Polymers</i>	
	Informations sur le fonctionnement de l'ED406 par Dr Cyril Ollivier		
17h00	Clôture		