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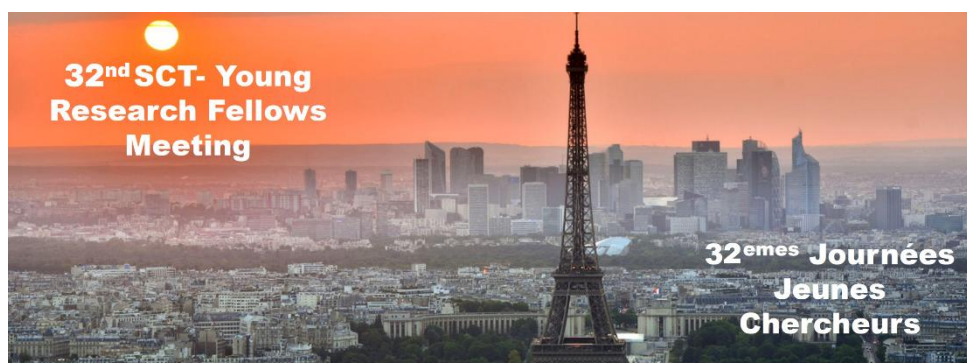
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Société de Chimie Thérapeutique

32nd Young Research Fellows Meeting



From wednesday february 26th to friday february 28th

School of Pharmacy of Paris

4, Avenue de l'Observatoire - 75006 Paris, France

Wednesday, February 26th

11h30-12h45 : Registration

12h45 : Introductive remarks : Emmanuelle Braud (Chair), Maria Duca (SCT President), Jean-Louis Beaudeau (Dean of the School of Pharmacy of Paris)

13h00 : Session 1

13h00 – 13h40 : Plenary lecture 1 : Pr Anne-Sophie Voisin-Chiret, Caen (France)

Targeted Protein Degradation: A Revolutionary Approach in Drug Discovery and Cancer Treatment via Mcl-1 Protein Degradation.

13h40 – 14h25 : Oral Communications session

13h40 – 13h55 : **CO 1 : Elisa Chenaf, Orléans (France)**

Design, synthesis and evaluation of the first 2-alkynyl(aza)indoles ¹⁸F probe targeting alpha synuclein aggregates.

13h55 – 14h10 : **CO 2 : Apolline Dominic, CEA-Saclay (France)**

Bioorthogonal reaction for more accurate and safer ImmunoPET imaging.

14h10 – 14h25 : **CO 3 : Thomas Defuentes, Le Mans (France)**

Total synthesis of Chaxalactins.

14h25 – 14h55 : Flash Poster Presentations - Session 1

FP 1 : Lylia Azzoug, Orléans (France)

FP 2 : Julie Tremblais, Rennes (France)

FP 3 : Jan Korabecny, Krakove (Poland)

FP 4 : Marthe Dubost, Lyon (France)

FP 5 : Olivier Hebert, Caen (France)

FP 6 : Julie Jaouen, Lille (France)

FP 7 : Kurban Berkant, Eskisehir (Turkey)

FP 8 : Doris Lacej, Roma (Italy)

FP 9 : Charline Monnier, Hradec Kralove (Czech Republic)

FP 10 : Camille Richagneux, Paris (France)

FP 11 : Matthieu Seze, Paris-Saclay (France)

14h55 – 15h45 : Coffee break & poster session

15h45 – 16h15 : Keynote lecture 1 : Dr Axel Straube, Editor-in-Chief of ChemPlusChem

Getting Published ? Editorial Insights

16h15 – 17h00 : Oral Communications session

16h15 – 16h30 : **CO 4 : Loubna Mokhi, Rabat (Maroc)**

Magnetically separable new Fe₃O₄@AgZr₂(PO₄)₃ nanocomposite catalyst for the synthesis of novel isoxazole/isoxazoline-linked 1,2,3-triazoles in water under ultrasound cavitation.

16h30 – 16h45 : **CO 5 : Rony Eid, Poitiers (France)**

Non-Invasive Cancer Diagnosis : VOC Probes as Tools for Early Detection and Monitoring.

16h45 – 17h00 : **CO 6 : Carla Lima, Porto (Portugal)**

Innovative Approaches to Friedreich's Ataxia Treatment.

17h00 – 17h40 : Plenary lecture 2 : Dr Zacharias AMARA, CNAM-Paris (France)

Interfacial Control of Visible-Light Photochemical Reactions with Immobilized Photosensitizers.

17h45 - 18h10 : Commercial Presentation (gold sponsor) : Anton-Paar

18h30 – 19h30 : Pharma welcomes you!

Enjoy the artists of the School of Pharmacy : music and show by our students.

From 20h00 : Social event at « La Terrasse »

Thursday, February 27th

9h00 : Session 2

09h00 – 09h30 : Keynote lecture 2 : Dr Karine Barral, Marseille (France)

Discovery of a PDZ Domain Inhibitor Targeting the Syndecan/Syntenin Protein–Protein Interaction : A Semi-Automated 'Hit Identification-to-Optimization' Approach.

09h30 – 10h00 : Oral Communications session

09h30 – 09h45 : CO 7 : Katie Burke, Paris Cité (France)

Synthesis and analysis of narrow spectrum antibiotics to combat the emergence of bacterial resistance.

09h45 – 10h00 : CO 8 : Francesca Arrighi, Rome (Italy)

New Prospectives on the Benzo[b]thiophene-3-ole Scaffold : Design, Synthesis, and Biological Evaluation of Novel Monoamine Oxidase Inhibitors.

10h00 – 10h40 : Plenary Lecture 3 : Pr Elias Maccioni, Sassari (Italy)

New Anti-Candida Agents : Identification of New Scaffolds and Mode of Action Investigation.

10h40 – 11h30 : Coffee break & Poster session

11h30 – 12h00 : Keynote Lecture SCT – Industry award in medicinal chemistry / Dr Olga Gherbovet, Evotec - Toulouse (France)

12h00 – 12h30 : Flash Poster Presentations - Session 2

FP 12 : Mengmeng Zhang, Paris Cité (France)

FP 13 : Cao Minh Truong, Paris Cité (France)

FP 14 : Jakub Szymczyk, Poznan (Poland)

FP 15 : Arsène Château, Caen (France)

FP 16 : Boryana Borisova, Reims (France)

FP 17 : Federico Sdei, Bologna (Italy)

FP 18 : Marine Michon, CEA Paris-Saclay (France)

FP 19 : Spyridon Katsakos, Poitiers (France)

FP 20 : Chloé Breton-Patient, Pasteur – Paris (France)

FP 21 : Thomas Binet, CNAM – Paris (France)

FP 22 : Ronald Salas Araya, Grenoble (France)

12h30 – 13h45 : Lunch

13h45 : Session 3

13h45 – 14h25 : Plenary Lecture 4 : Dr Fatima Clerc, Paris-Créteil (France)

14h25 – 14h55 : Keynote Lecture SCT / Paul Ehrlich EuroPhD Network

Selected during the PE network's meeting in Roma (July, 2024)

Dr Pietro Scio', Rome (Italy)

Benchmarking a Deep Generative Model for the Autonomous Optimization of 3-aryl-1,4-diarylpyrroles (ARDAPs).

14h55 – 15h40 : Oral Communications session

14h55 – 15h10 : CO 9 : Camille Nguyen, Marseille (France)

Targeting Glioblastoma with Metformin-Phenolic Hybrids.

15h10 – 15h25 : CO 10 : Marc Panosetti, Oxford (U.K.)

New generation of aryl hydrocarbon receptor (AhR) antagonists : utrophin modulation for the treatment of Duchenne muscular dystrophy.

15h25 – 15h40 : CO 11 : Mariana Castelôa, Porto (Portugal)

Advancing NOX Inhibition : Development of Potent and Isoform-Selective Targeted Covalent Inhibitors.

15h40 – 16h30 : Coffee break & Poster session

16h30 – 17h00 : Keynote lecture 3 : Dr Laura Iannazzo, Paris Cité (France)

Bioconjugation of RNA to access chemical tools for biological studies.

17h00 – 17h45 : Oral Communications session

17h00 – 17h15 : CO 12 : Florian Schwalen, Caen (France)

Applying the fragment-based drug design approach to the design of new anti-inflammatory compounds.

17h15 – 17h30 : CO 13 : Dyonisis Kampasis, Bologna (Italy)

Multi-Target-Directed Ligands against Circadian Clock Dysfunctions in Alzheimer's Disease: Design, Synthesis and Preliminary Biological Evaluation.

17h30 – 17h45 : CO 14 : Anaïs Luton, Bordeaux (France)

An approach to convert linear pentapeptide ligands of the bacterial sliding clamp into constrained macrocyclic inhibitors

17h45 – 18h15 : Keynote Lecture SCT Academic award in medicinal chemistry :

Dr Cyril Fersing, Montpellier (France)

18h30 – 20h00 : Reception & Dinner for VIP

Friday, February 28th

9h00 : Session 4

09h00 – 09h30 : Keynote lecture 4 : Dr Etienne Brachet, Paris Cité (France)

Advancing Heterocyclic Structure Synthesis Through Visible-Light Irradiation.

9h30 – 10h30 : Oral Communications session

9h30 – 9h45 : CO 15 : Haofeng Hu, Paris Cité (France)

Peptidomimetic tools targeting the Vascular Endothelial Growth Factor for anti-angiogenesis therapy.

9h45 – 10h00 : CO 16 : Ilena Lupinu, Sassari (Italy)

Design, development and biological assessment of small molecules as potential SYK inhibitors for the treatment of hematological malignancies.

10h00 – 10h15 : CO 17 : Valentine Guilbaud, Toulouse (France)

Re(I) PhotoCORM-cellulose nanocrystal material for promising antibacterial phototherapy.

10h15 – 10h30 : CO 18 : Benedetta Salvucci, Rome (Italy)

Development and biological evaluation of promising Malaria transmission-blocking compounds.

10h30 – 11h10 : Coffee break & Poster session

11h10 – 11h40 : Oral Communications session

11h10 – 11h25 : CO 19 : Mylène Lang, Strasbourg (France)

Synthetic lipopeptides to fight against multiresistant fungal infections.

11h25 – 11h40 : CO 20 : Saurav Yadav, Montpellier (France)

Synthesis of molecules based on dinucleotides having potential anti-bacterial activity.

11h40 – 12h20 : Plenary lecture 5 : Pr Olivier Baudoin, Basel (Switzerland)

Direct and remote ring construction by Palladium-catalyzed C(sp³)-H activation.

12h20 – 13h45 : Lunch

13h45 : Session 5

13h45 – 14h25 : Plenary Lecture 6 : Dr Pedro Ballester, London (U.K.)

14h25 – 15h10 : Oral Communications session

14h25 – 14h40 : **CO 21 : Zhonglian Ma, Paris-Cité (France)**

Exploring the Natural Chemical Diversity in the endoperoxide 28-norlupane series with Non-Selective Oxidation Reaction.

14h40 – 14h55 : **CO 22 : Clément Peyroux, Pasteur – Paris (France)**

Design and synthesis of bisubstrate inhibitors of epigenetic methyltransferases for human diseases: from cancer to infectious diseases.

14h55 – 15h10 : **CO 23 : Florian Descamps, Lille (France)**

Design and synthesis of macrocyclic IDE modulators for therapeutic applications.

15h10 – 15h40 : Keynote lecture 5 : Dr Mark Wever – Edleris (France)

Structure-based discovery of first inhibitors targeting the helicase activity of human PIF1.

15h40 – 16h00 : Concluding remarks & awards

16h00-16h15 : Pharma's farewell !

A short show performed by our musicians.