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Joint Event

International Conference on

Pharmaceutical Chemistry

&

International Conference on

Synthetic Biology

July 16-17, 2018 | Paris, France







July 16, 2018	Program Agenda	Day 1

09:00-09:20 Registration

Conference Hall: Paris

09:20-09:30 Opening Ceremony

09:30-09:40 Introduction

Keynote Forum

09:40-10:15 **Title: Dendrimer nanotechnology for personalized nanomedicine**
Ling Peng, Aix-Marseille University, France

10:15-10:50 **Title: Understanding the pharmacology and toxicology properties of transdermal Buprenorphine and Fentanyl to ensure the safety and efficacy of drugs use**
Christina Yuen Ki Leung, University of Hong Kong, China

10:50-11:25 **Title: Harnessing the power of nature to address global challenges**
Rob Brown, Synthetic Genomics Inc., USA

Group Photo

Networking and Refreshment 11:25-11:40 @ Le Foyer

Keynote Forum

11:40-12:15 **Title: Predicting antigenicity of human influenza virus A (H3N2) using deep learning**
Eva K Lee, Georgia institute of Technology, Georgia

12:15-12:50 **Title: Drug discovery and development via structure and mechanism based rational design**
Chang-Guo Zhan, University of Kentucky, USA

Lunch Break 12:50-13:50 @ Food and More

Oral Session I: Nanomedicine and Nanotechnology | Clinical and Hospital Pharmacy | Drug Discovery and Development

Session Chair: **Ling Peng**, Aix-Marseille University, France

13:50-14:15 **Title: Freeze-drying protocol for liposomes co-encapsulating fisetin and cisplatin**
Morgane Renault-Mahieux, Paris Descartes University, France

14:15-14:40 **Title: Synthesis of new thiazole derivatives as anticholinesterase and monoamine oxidase inhibitors**
Begum Nurpelin Saglik, Anadolu University, Turkey

14:40-15:05 **Title: Modulation of PPARγ-dependent and independent pathways: Potential for improving clinical outcomes for diabetes mellitus**
Tomader Ali, Fatima College of Health Science, UAE

Oral Session II: Synthetic Biology | Genetics | Molecular Biotechnology & Plant genetics | Synthetic Biotechnology

Session Chair: **Rob Brown**, Synthetic Genomics Inc., USA
Session Co-chair: **Bruce Dannenberg**, Phytonix Corporation, USA

15:05-15:30
Title: Construct design strategies to minimize plant transgene silencing
Elena Caro, Centre for Plant Biotechnology and Genomics (UPM-INIA), Spain

15:30-15:55
Title: Genetic structure of a naturally regenerating post-fire *Pinus halepensis* population
Rachel Ben-Shlomo, University of Haifa, Israel

15:55-16:20
Title:Biosafety framework for genetically modified organisms in Brazil
Alda Lerayer, Institute of Food Technology, Brazil

Networking & Refreshment Break 16:20-16:35 @ Le Foyer

16:35-17:00
Title: Method for selection of DNA molecules with a desired nucleotide sequence
Versailles, Saint-Quentin-en-Yvelines University, France

17:00-17:25
Title: Generation of bacterial strains of production, with a growth-coupled focus to for its application in synthetic biology
Francisco Cruz Rodriguez, BiolexCorp.Com, Mexico

Session Adjournment

July 28, 2018

July 17, 2018 **Day 2**

Conference Hall: Paris

09:00-09:30
Introduction

Keynote Forum

09:30-10:05
Title: Leveraging photosynthesis via synthetic biology to address climate change and create a circular $C0_2$-based economy with the production of cost leadership sustainable chemicals and fuels
Bruce Dannenberg, Phytonix corporation, USA

10:05-10:40
Title: Methods to access heterocycles; Applications to bioactive compounds
Janine Cossy, PSL Research University, France

10:40-11:15
Title: How to get highly polar nucleoside analogue triphosphates into cells – An impossible task? – No!
Chris Meier, University of Hamburg, Germany

Networking & Refreshment Break 11:15-11:35 @ Le Foyer

Keynote Forum

11:35-12:10
Title: Novel multifunctional porphyrazine pigments for bimodal tumor diagnostics, photodynamic therapy and real time monitoring of its progress by intracellular viscosity sensing
Larisa klapshina, N. I. Lobachevsky State University, Russia

Oral Session III: Advanced Organic Chemistry and Inorganic Chemistry | Heterocyclic Chemistry | Computational Chemistry and Chemical Biology | Green Chemistry in Pharma Industry

Session Chair: **Janine Cossy,** PSL Research University, France

12:10-12:35

Title: Synthesis of new scaffolds of isoxazolidine & isoxazoline derivatives using some novel class of nitrones via 1, 3-dipolar cycloaddition reaction using greener methodologies and biological activities of the cycloadducts
Bhaskar Chakraborty, University of Sikkim, India

12:35-13:00

Title: Synthesis of novel spiro pyrazolo-1, 4-dihydropiridine via one pot four component reaction
Bahman Ebrahimi Saatloo, University of Urmia, Iran

Lunch Break 13:00-14:00 @ Food and More

14:00-14:25

Title: Stem cell target: An effective therpeutic stratergy in breast cancer
Gurusamy Mariappan, Jawaharlal Nehru Technological University, India

14:25-14:50

Video Presentation
Title: Etiology and typology of the plague according to the Arab physician Ibn Khatima (d.1369)
Luisa Maria Arvide Cambra, University of Almeria, Spain

14:50-15:50

Workshop
Title: Genomic tools in synthetic biology
Rob Brown, Synthetic Genomics Inc., USA

Refreshment Break and Poster Session (15:50-17:00) @ Le Foyer

01

Title: Design, synthesis and antifungal activity of pyrazoline, thiazole and imidazole bearing hybrid compounds
Betul Kaya Cavusoglu, Anadolu University, Turkey

02

Title: Synthesize of novel 1, 3, 4-thiadiazole derivatives as anticancer agents
Derya Osmaniye, Anadolu University, Turkey

03

Title: Synthesis and evaluation of new thiadiazole derivatives as monoamine oxidase inhibitors
Ulviye Acar Cevik, Anadolu University, Turkey

04

Title: Avoiding positional effects in transgene expression by the use of genetic insulators in Arabidopsis
Ana Pérez-González, Centre for Plant Biotechnology and Genomics (UPM-INIA), Spain

05

Title: Comparative study on the effects of two derivative of cucurbitacin B and I on antioxidant status in liver cancer cells line Huh-7
Gilda Karimi, Kharazmi University, Iran

Conference Adjournment