



Ambassadors@INC
Laura L. Kiessling
Massachusetts Institute of Technology
Department of Chemistry



@ChemicalBiology



Chemical Biology Tour

Inaugural Event - Saclay
April 18, 2023
9h-17h45

Amphithéâtre Dorothy Hodgkin
ENS Paris-Saclay
4 Av. des Sciences
Gif-sur-Yvette

Hosted by



Information :

Dr Boris VAUZEILLES
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Tuesday 18 April 2023 – Ambassadors@INC Program

09:00 – 09:30	Opening ceremony
	09:00 – 09:10 Sandrine SAGAN (<i>Institut de Chimie – CNRS</i>)
	09:10 – 09:20 Philippe MAITRE (<i>Ecole Normale Supérieure Paris-Saclay – Université Paris-Saclay</i>)
	09:20 – 09:30 Boris VAUZEILLES (<i>Institut de Chimie des Substances Naturelles – CNRS</i>)

Chairwoman: Carine VAN HEIJENOORT

09:30 – 10:00	Frédéric TARAN (<i>Service de Chimie Bioorganique et de Marquage – CEA Saclay</i>) <i>Development of new click and bioorthogonal tools for chemical biology</i>
10:00 – 10:30	Joanne XIE (<i>Photophysique et Photochimie Supra- et Macromoléculaires – ENS Paris-Saclay</i>) <i>Photoswitchable glycosides: using light as a tool to monitor properties</i>
10:30 – 11:00	Marie ERARD (<i>Institut de Chimie Physique – Université Paris-Saclay</i>) <i>Tools to spy on biochemical events in live cells: from bright fluorescent proteins to fluorescence lifetime imaging</i>
11:00 – 11:20	Coffee break

Chairwoman: Stéphanie NORSIKIAN

11:20 – 11:50	Samir MESSAOUDI (<i>BioCIS – Université Paris-Saclay</i>) <i>New catalytic tactics to functionalize carbohydrates: application to the synthesis of bioactive compounds</i>
11:50 – 12:20	Nicolas TSAPIS (<i>Institut Galien – Université Paris-Saclay</i>) <i>Labeling nanoparticles with contrast agents to trace their accumulation to diseased tissues</i>
12:20 – 14:30	Lunch time

Chairman: Boris VAUZEILLES

14:30 – 15:30	Laura KIESSLING (<i>Massachusetts Institute of Technology – USA</i>) <i>Carbohydrates in Health and Disease</i>
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Chairman: Marc LITAUDON

15:30 – 16:00	Sébastien VIDAL (<i>Institut de Chimie des Substances Naturelles – CNRS</i>) <i>Multivalent glycoconjugates against bacterial infection: When glycoclusters go dynamic</i>
16:00 – 16:15	Wesley BLACKABY (<i>Institut de Recherche & Développement Servier Paris-Saclay</i>) <i>Drug design and modalities at Servier</i>
16:15 – 16:35	Coffee break

Chairman : François-Didier BOYER

16:35 – 17:05	Dominique GUIANVARC'H (<i>Institut de Chimie Moléculaire et des Matériaux d'Orsay – Université Paris-Saclay</i>) <i>Chemical tools to study unusual protein and DNA modifications in pathogens</i>
17:05 – 17:35	Florence MAHUTEAU-BETZER (<i>Institut Curie– Orsay</i>) <i>Ultrabright two-photon excitable fluorogenic probes for bioorthogonal labeling</i>
17:35 – 17:45	Closing ceremony