

Agenda

9h. Opening. Prof. Elias Fattal – Director of Institut Galien Paris-Sud

Chair: Naila El-Kechai

9h20-10h20 **Prof. Stefaan C. De Smedt** – Ghent University (Belgium)
Exploring Nano- and Micromaterials for Drug Delivery: about our failures and successes.

Oral Presentations: Drug delivery nanomaterials for therapeutic approach

Chairs: Mathilde Lorscheider and Nicolas Genevaz

10h20-10h40 Dunja Sobot
Squalene-based nanoparticles and plasma lipoproteins: characterization of molecular interactions and evaluation of their involvement in the therapeutic response.

10h40-11h00 Poster flash presentation **Chair: Félix Sauvage**

11h00-11h20 Poster session and coffee break

Chairs: Mathilde Lorscheider and Nicolas Genevaz

11h20-11h40 Félix Sauvage
Formulation and in vitro biological evaluation on PC-3 prostate cancer cells of stealth liposomes incorporating 6BrCaQ, a C-terminal Hsp90 inhibitor.

11h40-12h00 An Young Taylor
Modulation of the architecture of poly (γ -benzyl L-glutamate) (PBLG)-based nanomedicines

12h00-12h20 Adam Bohr
Cationic phosphorous dendrimers as tranfection agents for siRNA delivery

12h20-13h50 **Lunch break**

Chair: Elise Guegain

13h50-14h50 **Dr. Matthieu Piel** – Institut Curie (Paris- France)
A Cell's Life under Confinement: squeezing through small gaps

Oral Presentations: Diagnostic and Microfluidics

Chairs: Claire Albert and Guillaume Bort

14h50-15h20 Nacera Aboud
Development of a microdevice for Alzheimer's disease diagnosis

15h20-15h40 Thanh-Duc Mai
Immunocapture of biological samples: towards Alzheimer's diagnostic application

15h40-16h00 Poster Session and coffee break

16h00-16h20 Szymon Dziomba
Online extraction and separation of phosphopeptides in glass microchips

16h20-16h40 Eloisa Berbel Manaia
Study of the structure and optical properties of surface modified Mg-doped ZnO Quantum Dots for biological imaging

16h40-17h00 Guilherme Picheth
The influence of phospholipid-chitosan interaction and its role on perfluorinated microvesicles stability

17h00-17h20 Fanny Buhler-Varenne
Instruments of UMR 8612

17h20 Ending. Award for the best oral and poster communication