

Ecole Doctorale des Sciences de la Vie et de la Santé
Université de Strasbourg

Spring School course for PhD students

“Drug Development in an academic environment”

Collège Doctoral Européen
46 Boulevard de la Victoire
Strasbourg

Scope

Drug discovery and early drug development require different long-lasting steps of evaluation from the pre-clinical phases, which notably include target identification/validation, chemical library screening, and cellular testing to the proof of concept in animal models and then early clinical phase trials in normal individuals and patients. This course will illustrate the different phases of drug discovery with concrete examples.

Program

May 27th, 9h00-17h30

Jean-Luc GALZI (ESBS): Principles of drug discovery

Valérie SCHREIBER (ESBS): Targeting poly(ADP-ribose) metabolizing enzymes in anti-cancer strategies

Coffee break

Canan NEBIGIL-DESAUBRY (ESBS): Non-peptidic Prokineticin receptor 1 agonist as a novel cardioprotective therapeutic

Nelly FROSSARD (Faculty of Pharmacy): Biomarkers of drug discovery

Pascal VILLA (PCBIS/ESBS): High throughput screening: a strategy to find new drugs

Didier ROGNAN (Faculty of Pharmacy): High throughput virtual screening – a powerful tool to identify bioactive molecules

Jean-Serge REMY (Faculty of Pharmacy): Acid nucleic transfer in eukaryotic cells

Coffee break

Dominique BAGNARD (MN3T/Hautepierre Hospital): From brain development to the design of a novel brain tumor treatment: the genesis of Mimesis Pharma

Sylviane MULLER (IBMC): Lupuzor: an example of translational research from animal model to patient.

Organizer(s)

Laboratory of Excellence MEDALIS

Registration (free)

<http://www-ed-sdvs.u-strasbg.fr>