

Workshop on Drug Screening Method Development

Organizer: Faculty of Pharmacy,
University of Lisbon (FFULisboa)

22 April 2026, CET time

Venue: Institute for Biological Research “Siniša Stanković” (IBISS) Library
I floor

Time	Title	Speaker
10:00– 10:20	Registration of participants	
10:20– 10:30	Introductory notes	Nataša Veličković, STRIMHealth coordinator, IBISS
10:30– 11:15	Introduction to drug discovery pipelines and target validation (online)	Rui Moreira, Medicinal Chemistry, FFULisboa
11:15 – 11:30	Coffee break	
11:30– 12:15	Overview of phenotypic vs target-based screening (online)	Cecilia Rodrigues, FFULisboa
12:15 – 12:30	Coffee break	
12:30 – 13:15	Assay development principles, robustness, reproducibility, scalability	Marta Afonso, FFULisboa
13:15– 14:15	Lunch break	
14:15 – 16:00	Case studies from metabolic and inflammatory diseases	Marta Afonso, FFULisboa

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Time	Title	Speaker/Participant
10:15 – 11:00	High-throughput and medium-throughput screening technologies (online)	Ana Ressurreição, Medicinal Chemistry, FFULisboa
11:00 – 11:15	Coffee break	
11:15 – 12:00	Data acquisition, quality control, and hit selection	Joana Amaral, FFULisboa
12:00 – 12:15	Coffee break	
12:15 – 13:00	Hit-to-lead considerations and translational challenges	Joana Amaral, FFULisboa
13:00 – 14:00	Lunch break	
14:00 – 15:45	Practical demonstrations of screening workflows	Marta Afonso & Joana Amaral, FFULisboa
15:45 - 16:00	Group discussions, wrap-up and networking	