

WEBINAR

"DNA-encoded libraries to Identify Novel Chemical Matter for Undruggable Targets"

Introduction

The speakers will present the DNA-encoded libraries (DEL) to Identify Novel Chemical Matter for Undruggable Targets - Webinar, a web-based theoretical overview for researchers and students considering DEL as part of their research.

- DEL technology is a game changing innovation in Drug Discovery to expand ligandability of targets.
- With DEL, synthesis and screening of millions (even billions) of novel and highly diverse drug-like compounds is more efficient than conventional methods to identify new ligands with instant SAR information and to assess target ligandability applicable across disease areas and target classes.
- It is now a well-established technology in the pharmaceutical industry used by GSK, Roche, Novartis, Pfizer, AZ, Merck, ... and other companies in connection with the academic developments.
- A number of DEL-originated compounds are currently in clinical stages and may potentially impact drug development pipelines.

Monday, September 21st, 2020, 10:00-11:00 CET

Targeting undruggable targets by using DNA-encoded libraries screening (10 min)

Mabel Loza (University of Santiago de Compostela. Santiago de Compostela, Spain)

Angel Carracedo (Galician Public Foundation of Genomic Medicine, Santiago de Compostela, Spain)

Fundamentals and workflow (library production and affinity selection) (10 min)

Eduardo Dominguez (University of Santiago de Compostela. Santiago de Compostela, Spain)

Hit identification by DNA sequencing (10 min)

Beatriz Sobrino (Galician Public Foundation of Genomic Medicine, Santiago de Compostela, Spain)

Data analysis (data normalization and detection of binders) (10 min)

Jorge Amigo (Galician Public Foundation of Genomic Medicine, Santiago de Compostela, Spain)

Examples of applications (10 min)

Q&A (10 min)

Location: ZOOM Dial-In (will be provided after registration)

Free Registration by email to: training@eu-openscreen.eu, subject: "DNA-encoded libraries to Identify Novel Chemical Matter for Undruggable Targets"