Machine learning meets multi-omics for precision medicine

Bringing industry and academia together, this mini-symposium aims to discuss the potential impact of single-cell analytics powered by machine learning on the patient journey, clinical research and wider pharmaceutical sector

Date: 14.06.2022
Virtual: Zoom all Times indicated are CET Times, Lines to open at 14:20 CET time.

TALKS:

14:30 – 14:40 — Academia:

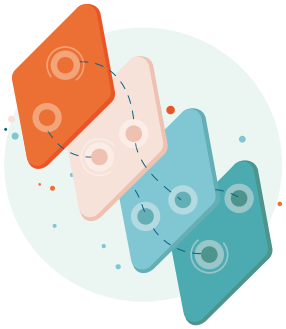
Welcome and objectives - Dr. Peter Nestorov
CEO, Scailyte

14:40 – 15:00 — Academia:

Machine learning on Multiomics - Prof. Christopher Yau,
Professor of Artificial Intelligence at the University of Oxford and Fellow at the Alan Turing Institute, UK

15:00 – 15:20 — Industry:

Multiomics in industry - Dr. Asif Jan,
Chief Data Officer, Owkin



15:20 – 15:40 — Academia:

Clinical applications of Multiomics - Prof. Michael Brenner,
Elizabeth Fay Brigham Professor of Medicine at Harvard Medical School, USA

15:40 – 16:00 — Industry:

Multiomics in industry - Dr. Philippe Menu,
Chief Medical Officer, Sophia Genetics

16:00 – 16:20
Break

BRAINSTORMING SESSIONS:

16:20 – 16:50
Parallel session I (Translating Multiomics discoveries into applications for Pharma industry and Clinic)

Panel members:

Industry:

Dr. Philippe Menu (Sophia Genetics)

Dr. Marcus Otte (Merck)

Dr. Miguel Edwards (DeciBio)

Academia:

Prof. Michael Brenner (Harvard Medical School)

Prof. Marco Ruella (University of Pennsylvania)

Prof. Woongyang Park (Sungkyunkwan University, Samsung Genome Institute and Geninus)


Dr. Diana Stoycheva (Moderator, Scailyte)

16:20 – 16:50
Parallel session II (Data Science solutions and future prospects for Multiomics and machine learning)

Panel members:

Industry:

Dr. Asif Jan (Owkin)

Dr. Dennis Göhlsdorf (Scailyte)

Academia:

Prof. Christopher Yau (University of Oxford)

Dr. Kieran Campbell (University of Toronto)

Dr. Sarah Carl (Moderator, Scailyte)

16:50 – 17:00

Concluding remarks - Dr. Corinne Solier,
COO , Scailyte

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