BIRDIE Workshop

Non-animal models in research and drug development

Fluicell AB, Flöjelbergsgatan 8C, Mölndal
October 18, 2023

SIGN UP!

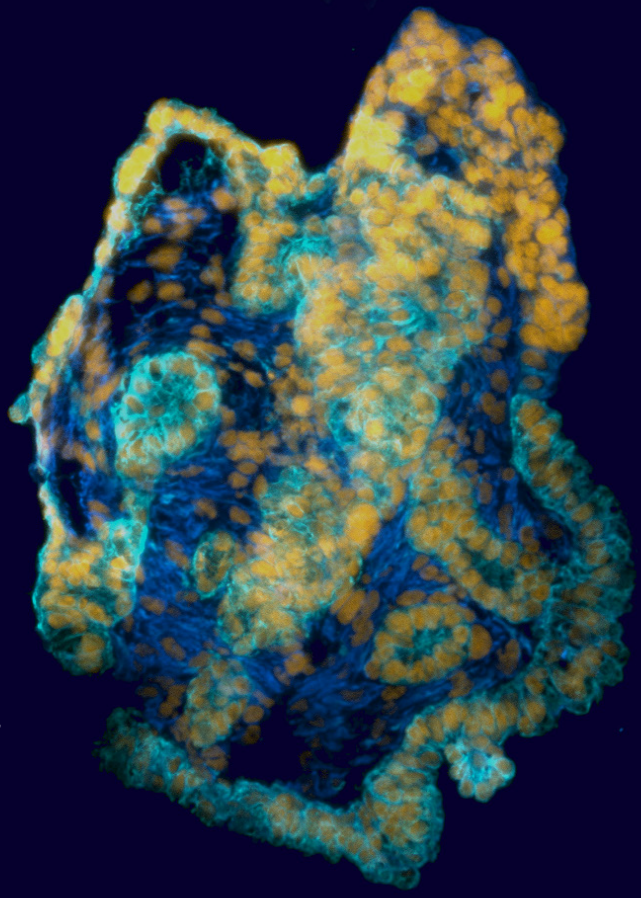
Late-stage failures is a major driver behind increasing drug development costs. In vitro research models that combine human cells with accurate modeling of organ and multi-organ physiology has the potential to offer predictive power at an early stage of development.

BIRDIE aims to develop three-dimensional (3D) in vitro human renal tubulointerstitium (TI) models, based on two enabling technologies: bioprinting and organ-on-chip technology, with a high degree of mimicry of native kidney function.

In this workshop, we have gathered experts in kidney disease, pharmacology, organ-on-chip technology and 3Rs with the aim to stimulate dialogue between academic research, pharmaceutical industry and regulatory authorities, and to discuss opportunities and challenges associated with implementing new non-animal research models in biomedical research and drug development.

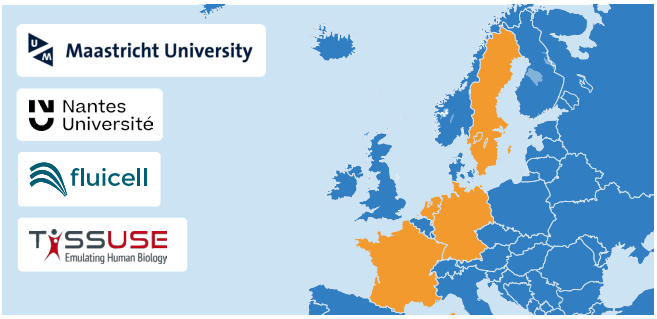
AGENDA

10:00–10:20	**Carlos Mota** Assistant Professor, Maastricht University BIRDIE coordinator
10:20–10:50	**Emelie Lassén** Associate Principal Scientist, AstraZeneca **Philip Dalsbecker** Postdoctoral Fellow, AstraZeneca
10:50–11:10	Coffee Break
11:10–11:40	**Silvia Mihăilă** Assistant Professor, Utrecht University
11:40–12:10	**Maria Tenje** Professor, Uppsala University
12:10–13:00	Lunch
13:00–13:30	**Camilla Svensson** Scientific Director in Pharmacology/Toxicology, Swedish Medical Products Agency
13:30–14:10	Roundtable
14:10	Fluicell lab tour



The Consortium

BIRDIE consortium consists of experienced researchers from European academic institutions and innovative SMEs. The team has highly complementary expertise in translational biology, bioprinting and additive manufacturing, microfluidics, single cell systems, and organ on a chip models.



BIRDIE

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