



ORGAN-ON-CHIPS WORKSHOP

Jump to the next level of research in one day!

In-deep lecture with our senior scientists to understand the concept, trends and applications of organ-on-chips.

Hands-on lab session to learn how to use organ-on-chip (OOC) technologies, realize 3D cellular models and set up fluidic-dynamic tissue culture conditions.

Join us in our lab!

REACT4LIFE
VIA GRETO DI CORNIGLIANO 6R
16152 GENOVA (ITALY)

*The Workshop will be coordinated by **Dr Silvia Scaglione**, Senior researcher at CNR, Chief Scientist at React4life, EIC Ambassador and Coordinator of the B2B European (H2020) project.*

DATES 2022:

- May 17
- Jun 21
- Jul 19
- Sep 13
- Oct 11
- Nov 15
- Dec13

INFO & REGISTRATION

INFO@REACT4LIFE.COM
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Scope

2D *in vitro* cultures fail to recapitulate the complexity of the human biology, while animal models show poor reproducibility/predictivity. To overpass these limits, 3D cell culture models have been recently developed and optimized according to the 3Rs principles.

In this context, this workshop aims to let you explore the 3D cell culture field together with organ-on-chip technologies.

Participants will have the chance to set up and operate different organ-on-chip configurations and understand the advantages and disadvantages in practice.

Audience

PhD candidates, Post Doctoral researchers, Research Fellows and early-stage scientists from Industry or Academia

Organization

The participants will be given the opportunity to spend one full day in React4life Lab, gain hands-on experience in 3D tissue modelling and set up, by adopting different organ-on-chip configurations under the guidance of our scientists.

A **certificate of attendance** will be given.

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