

*Our mission is to fill the gap between standard in-vitro models and in-vivo reality. We provide technologies to develop **5Ds in-vitro models** (e.g. 3D + time + crosstalk)*

Available technology:

- **LiveBox1** -> a single flow bioreactor for 2D or 3D models in attached cell culture conditions.
- **LiveBox2** -> a double flow bioreactor, equipped with a removable and porous membrane to mimic biological barriers in air-liquid or air-liquid interfaces.
- **LiveFlow** -> a low weight and compact peristaltic pump, compatible with the incubator environment.

Main features:

- The **compatibility** with the **dimensions** of a **single well** of a 24 plate allows to use the standard cell culture protocols.
- The **removable transparent glass bottom** allows to perform **real time imaging** and **collect** all the attached **biological material** at the end of an experiment.
- The **modularity** allows to interconnect different modules, each one housing a different tissue, to study the crosstalk and mutual modulation between organs.