

BFLOW VIRTUAL HANDS-ON

"BFLOW, ORGAN-ON-A-CHIP MODELS TO BOOST CELL CULTURE RESEARCH AND DRUG SCREENING"



**Bruno K. Rodiño-
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**Laura Vázquez-
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Virtual Seminar and Hands-on to setup an organ-on-a-chip

July 21st, 2023

(16:00 IST, 12:30 CET)



[Register Here](#)

Axperia
Ventures
STRATEGY, INNOVATION & INTERNATIONALIZATION

Abstract:

BFlow was born from years of collaborative research between Optics, Physics, and Cardiology groups, with the aim of developing new models to reproduce human physiology at research labs. What began as an idea to improve cardiovascular research has led to the creation of BFlow, which aims to commercialize **Organ-on-a-chip systems** to cell culture research labs and the pharmaceutical industry to significantly improve the discovery and development of new drugs.

This virtual hands on will start with the presentation of the company from Bruno K Rodiño Janeiro (20 min) and the following hands-on streaming from Laura Vázquez-Vázquez showing the setup of an organ-on-a-chip (20 min). Please register **here** if you are interested in taking part in this.

Bio:

Bruno K. Rodiño Janeiro completed his doctoral thesis at the University of Santiago de Compostela in Cardiology. After the thesis, he made several postdoctoral research stays at reference centers such as EMBL or MIT. During his scientific career, his knowledge of cell and molecular biology was applied to unravel the mechanisms of human disease. From September 2020, he is translating his experience into the development of new Organ-on-a-chips at BFlow.

Laura Vázquez-Vázquez completed the Bsc. in Biology at the University of Santiago de Compostela. To follow her interest in the development of organ-on-a-chip systems, she performed the master in the international Institute of Bioengineering of Catalonia (IBEC) in Barcelona. During the master thesis, Laura developed a new model to study glyoblastoma for drug screening. From May 2022, she has a central role in the development and validation of new Organ-on-a-chips at BFlow.