



Experience Barcelona

Dates.

26 March, 2026

Venue.

Institut d'Investigació i Innovació
Parc Taulí (I3PT)
Plaça Torre de l'Aigua, s/n
Sabadell, Barcelona



Audience.

University students and early stage researchers.

Registration.



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This project has received funding from the European Union Horizon Europe research and innovation program under grant agreement No 101135838

In collaboration with





Experience Barcelona

Host.

Institut d'Investigació i
Innovació Parc Taulí (I3PT)



Description.

I3PT is a CERCA research center accredited by the Instituto de Salud Carlos III (ISCIII) that promotes and manages research and innovation at the Corporació Sanitària Parc Taulí, a Catalan public healthcare institution serving over 420,000 people. Its mission is to support sustainable R&D&I activities and ensure the transfer of knowledge and results to society. The institute coordinates seven healthcare-focused research areas, provides infrastructure and support for researchers, and is committed to biomedical training and education through courses, grants, and scientific events.

During the visit, participants will spend the day with the Hemodynamics Research Team, engaging with Intensive Care experts experienced in bedside microcirculation monitoring. Depending on patient availability, participants may observe assessments of critically ill patients enrolled in ongoing studies, including evaluations of endothelial function in sepsis and hemodynamic responses during cardiovascular challenges and resuscitation. Throughout the visit, participants will learn about bedside monitoring of microcirculatory status using non-invasive optical technologies.

Program

26 March 2026

- 9:30-10:00 Welcome**
Reception of participants, brief overview of the day, and practical information.
- 10:00-11:00 Introduction to I3PT and institute visit**
Overview of I3PT's mission, main research lines, and facilities, followed by a guided tour of the institute.
- 11:00-11:30 Introduction to clinical research in the ICU**
Presentation of how clinical research is conducted in the ICU setting, including study design, workflows, and challenges.
- 11:30-13:30 Hands-on optics technology in the ICU environment**
Practical demonstration and hands-on experience with optical technologies used in the ICU, highlighting real-world applications and limitations.

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