

# BARCELONA MEDICAL PHOTONICS NETWORK

An ICFO  **Light for  
Health** Initiative



## Microcirculation in health and disease

**28 April, 2023 9-16h CET- @Hospital Universitari Parc Taulí:**  
 Auditori, Edifici Taulí, Parc Taulí, 1, 08208 Sabadell

Web: <https://barcelonamedicalphotonics.icfo.eu/>

Registration



## Program

### 9:00 Registration

**9:30 Keynote speaker: Prof. Dr. Daniel De Backer**, *Université Libre de Bruxelles and CHIREC hospitals*  
 Historic approaches to measure microcirculatory health in the ICU.

### 10:30 Coffee Break

**11:15 Dr. Jonathan Montomoli, MD, PhD**, *Infermi Hospital (Rimini) and Erasmus MC (Rotterdam)*  
 Sublingual microcirculation monitoring: understanding of physiology to help clinical decision at the bedside.

**11:45 Dr. Guillem Guartmoner**, *Hospital Universitari Parc Taulí (Sabadell)*  
 NIRS in septic shock.

**12:05 Dr. Jaume Mesquida**, *Hospital Universitari Parc Taulí (Sabadell)*  
 Microcirculation monitoring during weaning from mechanical ventilation.

**12:25 Dr. Lorenzo Cortese**, *ICFO (Castelldefels)*  
 HEMOCOVID-19 project presentation.

**12:45 Assoc. Prof. Davide Contini**, *Politecnico di Milano*  
 VASCOVID project presentation.

### 13:05 Lunch Break

**13:50 Dr. Mireia Mora Porta**, *Hospital Clínic de Barcelona*  
 Microcirculation in oncology and endocrinology.

**14:10 Dr. Xabier Urra**, *Hospital Clínic de Barcelona*  
 Relevance of microcirculation in large vessel stroke.

**14:30 Dr. Núria Sebastian Galles**, *Universitat Pompeu Fabra (Barcelona)*  
 Language development in infancy.

**14:50 Dr. Albert Busquets**, *INEFC (Barcelona)*  
 Microcirculation in muscle and physical activity.

**15:10 Closing remarks: Prof. Dr. Turgut Durduran**

**15:30 VASCOVID device demonstration**

**16:00 End of the event**

## Network members



## Funding

