## 2<sup>nd</sup> International Conference on BioMedical Photonics

MONTPELLIER – Palavas, France

3 - 5 April 2025

Hear the latest from leading experts on biomedical photonics research and technology:

- Scientific sessions
  - Industrial section
    - Round tables

## Invited speakers

Freek Ariese LaserLaB Univ Amsterdam, NL

Sophie Brasselet Inst Fresnel Marseille, FR

Charles Camp NIST Gaithersburg, US

Kishan Dholakia Univ St Andrews, UK

Turgut Durduran ICFO Barcelona, ES

Paul French

Imperial College London, UK

Ambra Giannetti IFAC CNR Florence, IT

Joachim Heberle Freie Universität Berlin, DE

**Zhiwei Huang** National Univ Singapore, SG

James Joseph Univ Cambridge, UK

Isabelle Ledoux-Rak ENS Paris-Saclay, FR

**Quan Li** The Chinese Univ Hong Kong

Yanlu Li Univ of Ghent - IMEC, BE Kamilla Malek Jagellonian Univ Kraków, PL

Emmanuel Margeat CBS Inserm Montpellier, FR

**Igor Meglinski** Aston University, UK

Serge Monneret Inst Fresnel Marseille, FR

Francesca Palombo Univ Exter, UK

Francesco S. Pavone LENS - Univ Florence, IT

**Jürgen Popp** Leibniz IPHT Jena, DE

Hervé Rigneault Inst Fresnel Marseille, FR

Balázs Rózsa Inst Exp Med Budapest, HU

Jean-Baptiste Sibarita IINS Univ Bordeaux, FR

Ronald Sroka Univ Hosp München, DE

Willy Supatto Ecole Poly Univ Paris Saclay, FR

Cathie Ventalon IBENS CNRS Paris, FR



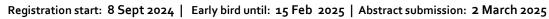
Csilla Gergely, Chair L<sub>2</sub>C, Université de Montpellier, France



Jürgen Popp, Co-chair Leibniz IPHT Jena, Germany



Hervé Rigneault, Co-chair Institut Fresnel, Marseille, France

















We invite you to join the

**2**<sup>nd</sup> International Conference on Biomedical Photonics, organized on 3-5 April 2025 in Palavas-Les-Flots France, a beautiful seaside resort of the Languedoc Mediterranean coast.

The symposium intends to be an international forum where one can present and hear the latest from leading experts in biomedical photonics research and related technological developments. The objective is to share knowledge, exchange ideas, discuss and promote collaborations in the domain of biomedical photonics.

Initiated as the study of optical processes in biological systems, biophotonics is now including the science related to the development of numerous photonic technologies for life sciences. Understanding light-matter interaction led to innovative techniques for the modern medicine aiming for early diagnosis and effective, personalized therapy. Modern optical and photonic techniques allow for monitoring and manipulating life processes in cells and tissues on a molecular level. In clinical practice as well, optical and photonic techniques are well established in many fields related to medicine, like in ophthalmology, endoscopy or biomedical imaging.

The main goal of the conference is to exchange on the last years' achievements in the domain of the biomedical applications of various photonic tools spanning from molecules and cells manipulation to tissue and in-vivo studies. Photonic methods include amongst others Raman, fluorescence, non-linear optics, vibrational spectroscopy, multiphoton, phase, Brillouin imaging, photobiomodulation, optical coherence tomography and endoscopic microscopy.

Website: www.biomedicalphotonics.org
Mail: contact@biomedicalphotonics.org

Venue: The Palavas-Les-Flots Congress Center

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