



Eurecat Cerdanyola
Universitat Autònoma, 23, 08290
Av. Cerdanyola del Vallès

24th January 2020
09:00h-13:00h

[Register here](#)

Under the framework of **Optogenerapy** project, Eurecat organises this event to present the latest advances in materials and technologies for healthcare and medical applications.

During the event, the **potential of combining optogenetics with novel functional printing, and electronics technologies for the development of medical devices** will be illustrated via Optogenerapy's project success case. It will also cover the **latest innovations in biocompatible, plastics, textiles solutions and others materials** for the health sector and a visit to Eurecat's **Plastronics Pilot Plant**, enabling an orderly combination of different manufacturing processes with great potential for the development of medical applications.

Why you should assist?

- If you are a company, organisation or start-up interested in knowing about the latest innovations in technologies and materials for biomedical and healthcare applications.
- If you are a manufacturer, tester or distributor of biomedical and health devices.
- If you are interested in R&D in health and medicine and want to know about what was achieved in Optogenerapy EU project.

AGENDA

09:00 Registration

09:15 Institutional welcome

- *Francesc Massana, Project Manager Health at Eurecat*

09:30 Optogenerapy Case: The first wireless cell-based biophotonic implantable device, results' overview and challenges

- *Biotza Gutiérrez, Optogenerapy Project Coordinator from Eurecat's Public Programmes*
- *Marc Folcher, Senior Scientist and Lecturer in bioengineering in the Department of Biosystems Science and Engineering at ETHZ, Optogenerapy's Technical Coordinator*

10:00 Flexible printed electronics concepts and potential applications in the healthcare sector, success cases

10:15 Advanced medical materials: biomaterials, plastic materials & composites

10:30 Coffee Break

11:00 Functional textiles and wearables

11:15 Biotechnologies (omics sciences and nutrition & health services)

11:30 Ultrasonic Moulding, an enabling technology for manufacturing complex micro pieces for the biomedical sector

- *Joaquín Rodríguez, R&D Project Manager at Ultrason*

11:45 Optical systems for medical devices and medical applications

- *Thomas Siegel, Head of R&D at ASE Optics Europe*

12:00 Medical Technology Solution. Cranial and spinal neurosurgery innovative devices capturing the demands of the surgical market

- *Ana Rodríguez, Head of R&D at Neos Surgery*

12:15 Visit to Eurecat's Plastronics Pilot Plant

13:00 Event Closure. Networking Lunch Break

- *Francesc Massana, Project Manager Health at Eurecat*