

# 12th IBEC Symposium Bioengineering Active Ageing

## Programme

**Wednesday 17th July** · 12th IBEC Symposium: Bioengineering for Active Ageing

09:00 - 09:30	Registration
09:30 - 09:45	Opening ceremony
09:45 - 10:10	Keynote speaker IBEC's Evolution and Scientific Highlights <b>Josep Samitier</b> , <i>Institute for Bioengineering of Catalonia (IBEC), Spain</i>
10:10 - 10:45	Keynote speaker · Chair: Javier Ramón Electrospun bioengineered tissues for the reconstruction of the bone-tendon-muscle continuum <b>Cécile Legallais</b> , <i>Université de Technologie de Compiègne (UTC)/CNRS, France</i>
10:45 - 11:15	Coffee break
11:15 - 12:05	Flash poster presentations I Chair: Santiago Marco and Samuel Sánchez Nanomedicine and ICT for Health
12:05 - 12:40	Keynote speaker · Chair: Gabriel Gomila <i>3D nanostructures for biosensing in living cells</i> <b>Francesco de Angelis</b> , <i>Istituto Italiano di Tecnologia, Genova, Italy</i>
12:40 - 13:15	Technology Transfer session · Chair: Xavier Rubies How to bridge the bi-directional gap between Research groups and big companies <b>Jan Weber</b> , <i>Boston Scientific</i>
13:15 - 14:00	Lunch

14:00 - 14:10	Core facilities session
14:10 - 14:45	Keynote speaker · Chair: Josep Samitier Micro physiological models for diseases of the brain <b>Roger D. Kamm</b> · <i>Massachusetts Institute of Technology (MIT), USA</i>
14:45 - 15:35	Flash poster presentations II · Chair: Benedetta Bolognesi and Xavier Trepast Cell Engineering and Mechanobiology
15:35 - 16:10	Keynote speaker · Chair: Elena Martínez Cell swelling, softening and invasion in a 3D breast cancer model <b>Ming Guo</b> · <i>Massachusetts Institute of Technology (MIT), USA</i>
16:10 - 16:30	Alumni session · Chair: Teresa Sanchís High-Speed Atomic Force Microscopy as a tool for studying dynamic membrane remodeling processes <b>Lorena Redondo</b> , <i>Institut Pasteur de Lille, Cedex</i>
16:30 - 17:20	Poster session
17:20 - 17:55	Keynote speaker · Chair: Elisabeth Engel Mammalian Synthetic Biology: Foundation and Therapeutic Applications <b>Ron Weiss</b> , <i>Massachusetts Institute of Technology (MIT), USA</i>
17:55 - 18:10	Time for PhD Committee
18:10 - 18:20	Awards and closing ceremony