

Career Paths Session. Wednesday 29 November.

Speakers of the session

1. Genevieve Stein O'Brien

Assistant Professor of Department of Neuroscience, Oncology, and Genomic Medicine. Assistant Director of the Single-cell Training and Analysis Center. Chair of the Division of Quantitative Neurogenomics and Predictive Medicine Division of the Brain Science Institute

2. Anna M. Sanchez

Founding partner of ITimes Advisers, S.L. Supporting public and private institutions in all stages of innovation management, from strategy detailing to the exploitation of results.

Professor in master's and postgraduate programs on R&D, Innovation Management, and Technology Transfer at public and private universities: UIC, FPC, and Ramon Llull. Customized training courses for diverse public and private organizations.

Is a member of various national and international technical committees for standardization in R&D&I: International Expert for ISO, CEN, and AENOR in Innovation Management Systems.

President of the Digital Society Commission at Foment del Treball and Vice President of Telecom.cat.

3. Adrienne Jenner

I completed my PhD in Applied Mathematics at the University of Sydney, Australia in 2019. My research focused on how we could use mathematics to understand the treatment of solid cancers with viruses and immunotherapies.

After my PhD, I undertook a postdoctoral fellowship at the University of Montreal, Canada, where I spent some time developing virtual clinical trials that could be used in cancer treatment. I also applied virtual clinical trial techniques during the COVID-19 pandemic, to help improve our understanding of SARS-CoV-2.

In 2021, I took a position as a Lecturer at Queensland University of Technology, Australia, and my research now focuses on how mathematics can be used to simulate the heterogeneity in individual responses to diseases, with a focus on cancer and multiple sclerosis.

4. Maria Fátima Lucas

Maria Fátima Lucas is Founder and CEO of ZYMVOL, a Barcelona-based deeptech company specialized in enzyme design and development through computer simulations.

Maria holds a PhD in computational chemistry from the University of Porto, Portugal and spent the last 9 years as a researcher at the Barcelona Supercomputing Center.

Because of the breakthrough technologies developed at Zymvol, in 2020 María won the EU Prize for Women Innovators, awarded by the European Commission. In November 2023, Zymvol was distinguished by the Innovation Radar prize also awarded by the European commission.

5. Lucas Sánchez

I was born in Valencia in 1983. I hold a degree in Biochemistry and a Ph.D. in Molecular and Cellular Biology from the Autonomous University of Madrid. I served as a visiting assistant in research at Yale University and worked for nine years at the National Center for Biotechnology in Madrid, where I designed vaccines for prevalent diseases in the third world, such as leishmaniasis, HIV, Ebola, and malaria.

As a communicator, I have collaborated with various media outlets, including the newspaper Público, Radio Nacional de España, and El País. In October 2014, I decided to establish a scientific communication agency called Scienseed where I am the CEO and the communications director.