

## **Paola PONTECORVI - CV**

Paola Pontecorvi graduated from Sapienza University of Rome in Biological Sciences in 2014 (110 cum laude, bachelor's degree) and in Genetics and Molecular Biology in 2016 (110 cum laude, master's degree). She obtained a Ph.D. in Medical Genetics in 2021 from Sapienza University of Rome. During her Ph.D., she spent one year at the University of California San Diego – School of Medicine as a visiting graduate student. In December 2021, she won a research fellowship (RTD-A SSD MED/46) at the Department of Experimental Medicine of Sapienza University of Rome. Since 2014, she has worked in the Laboratory of Cellular Biotechnologies, Department of Experimental Medicine, at Sapienza University of Rome, which is associated with the Regenerative Medicine Service of Policlinico Umberto I of Rome. Here, Paola Pontecorvi focused on translational research and acquired a deep knowledge of stem cell biology and advanced techniques for tissue regeneration and cell therapy. Moreover, she performed genetic and molecular investigations for the study of rare diseases, as well as data analysis through system biology and network medicine approaches. She is currently working on an innovative project on microplastics and human health, employing 3D fluidic and microfluidic systems to recapitulate in vivo-like microenvironments and responses.