

Speaker Profile

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I obtained my PhD in Materials and Structures Engineering from the University of Napoli "Federico II" in February 2009. Following that, I worked as a Postdoctoral Researcher at the Interdepartmental Research Center of Biomaterials (CRIB) at the University of Naples Federico II until 2011. Between 2011 and 2016, I served as a Senior Postdoctoral Researcher at the Center for Advanced Biomaterials for Health Care at the Italian Institute of Technology in Napoli. During this period, I collaborated with my colleagues to establish the Organotypic Tissue Lab. Since 2016, I have been a permanent staff member at the Center for Advanced Biomaterials for Health Care, where I oversee the organotypic tissue lab and supervise research activities related to organotypic tissue production and organ-on-chip development. One of our notable achievements was the patenting of an innovative model of human skin equivalents capable of replicating significant biological phenomena such as skin aging, skin photo damage, and spontaneous morphogenesis of follicular structures.