

Gabriella COSTABILE_CV

Dr. Gabriella Costabile is an assistant professor at the Department of Pharmacy of the University of Naples "Federico II" (IT). She received her PhD in Pharmaceutical Science in 2016. During her PhD, supported by an ISAM Award Fellowship, she spent three months at the Adolphe Merkle Institute (CH) learning 3D cellular co-culture techniques. She later received the STAR travel grant (UNINA), co-funding her research in Prof. O.M. Merkel's group at Ludwig Maximilian University (DE), where she was promoted to Group Leader and co-supervised multiple graduate students. With support from the Fondazione Veronesi fellowships (2019–2020), she conducted independent research on nose-to-brain delivery for glioblastoma treatment at the Italian Institute of Technology (IT). Since 2021, she has been based at the Department of Pharmacy, University of Naples Federico II, where she leads and co-supervises several research projects and trainees. Her research interest currently focuses on the design and development of innovative drug delivery systems, from formulation design to preclinical in vivo evaluation, with a focus on the delivery of siRNA via inhalation, exploring innovative nanoparticle platforms to overcome biological barriers in the lungs.