



Title of presentation: Theragenerative Nanoplatfroms: Advancing Cancer Therapy and Tissue Regeneration.

Biosketch – Maria Grazia Raucci

Dr. Maria Grazia Raucci is a Senior Research Scientist at the Institute of Polymers, Composites, and Biomaterials (IPCB-CNR) and Scientific Officer of the IPCB Research Unit at the University of Salento. She received M.Sc. in Biology Science in 2001 from the Second University of Naples and the Ph.D. in Chemical Engineering of Materials and Production – Biomaterials in 2005 from the University of Naples “Federico II”. Dr. Raucci is Qualified Associate Professor in Bioengineering (sc 09/G2) and Material Science and Technology (SSD ING-IND/22, sc 09/D1). She is Member of the European Society for Biomaterials Council playing a key role as Liaison Officer for National Affiliated Societies and Member of the Società Italiana per i Biomateriali (SIB) Council. Her international experience includes visiting research positions at renowned institutions such as the University of Brighton (UK), Sichuan University (China), Universidade Federal do Rio Grande do Sul in Porto Alegre (Brazil), Shanghai Technology & Innovation Center (SHTIC) in Shanghai (China), and Johns Hopkins University (Baltimore, USA). Dr. Raucci has been recognized as the national coordinator of the PRIN program and leads cutting-edge research projects, including the CIRO Project – Campania Imaging Infrastructure for Research in Oncology (POR CAMPANIA FESR 2014/2020) and the National Center for Gene Therapy and Drugs based on RNA Technology. She also serves as the scientific leader for the CNR unit of PNRR Mission 6 – Health and is the Scientific Responsible and WP Leader of the HORIZON-EIC-2022-PATHFINDEROPEN-01 - BIOACTION. Her pioneering research focuses on developing multifunctional therapeutic biomaterials and studying their interactions with cells for applications in tissue engineering and regenerative medicine. In addition to her leadership roles, Dr. Raucci has chaired numerous conference sessions and has a distinguished publication record, comprising over 90 papers in peer-reviewed journals, 3 patents, 8 book chapters, approximately 150 abstracts for national and international conferences, and 20 invited lectures. Her contributions to biomaterials and regenerative medicine are widely recognized, establishing her as a leading figure in advancing scientific research and innovation.