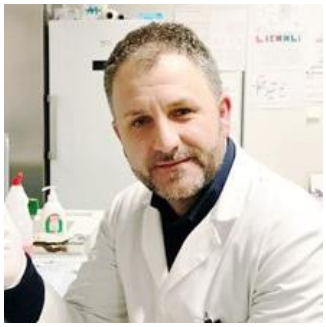
Curriculum Vitae Dr. Salvatore Panza



Dr. Salvatore Panza earned his degree in Pharmacy and his PhD in Cellular Biochemistry and Drug Activity in Oncology from the University of Calabria.
From 2014 to 2020, he was a Research Fellow at the Department of Pharmacy and Health and Nutritional Sciences of the University of Calabria.
He was a "Visiting Researcher" at the Laboratory directed by Dr. Daniel Metzger, Institut de Génétique et de Biologie Moléculaire et Cellulaire (IGBMC) CNRS – INSERM, University of Strasbourg (France), from February to July 2014 and from March to July 2015.
In November 2020, he obtained the National Scientific Qualification for Associate Professor in the Competitive Sectors 06/N1 - Health Professions and Applied Medical Technologies and 06/A2 - General Pathology and Clinical Pathology.
Since February 2024, he has been a type B Researcher (RTdB) in the disciplinary sector MED/50 at the Department of Experimental and Clinical Medicine of the Magna Graecia University of Catanzaro.
Over the years, Dr. Panza has directed his research towards various fields:

- The emerging role of extracellular vesicles in the onset and progression of breast cancer;
- The impact of obesity, adipokines (such as leptin), and the tumor microenvironment on the onset and progression of breast cancer, as well as on mechanisms of resistance to endocrine therapy;
- The molecular mechanisms in the endocrine regulation of the male reproductive system.

Currently, Dr. Panza's research is focused on studying the genomic profile of extracellular vesicles (EVs) derived from patients with metabolic diseases, aiming to better understand their specific composition and reflect the physiological state of the cells of origin, making EVs potential therapeutic targets for targeted interventions in the treatment and management of metabolic diseases. Additionally, his interest is directed towards the isolation and characterization of EVs from plant matrices for applications in the health field (pharmaceutical, cosmetic, and food). He is also involved in the development of advanced colloidal nanosystems for site-specific delivery of bioactives, with potential applications in pharmaceuticals and cosmetics.