

DOTT.SSA GIUSY DELLA GATTA

Dr. Giusy Della Gatta is a biologist nutritionist, PhD student in Food Science, that, in the last years, she has focused her researcher activity in the area of pediatric food allergy, gastroenterology, and nutrition. She is a Nutritionist in the field of research on the development of innovative food allergy therapies in children at Ceinge-Advanced Biotechnology and Department of Translational Medical Sciences, Section with integrated activity of Pediatrics. She received her degrees from University of Naples "Federico II", Naples, Italy. She has full independence on: main techniques for assessing nutritional status and diet; diet therapy management of food allergies and intolerances; diet therapy therapeutic of obesity, diabetes, dyslipidemia; programming and carrying out clinical trials on human nutrition issues; development of research programs. also in collaboration with industry, on the development of new baby foods; basic research activity on the effects of functional foods on human health (cell cultures, animal models, epigenetic modulation of gene expression, composition and functions of gut microbiota, purification of peptides derived from vaccine milk proteins, expression of proteins involved in immunological and non-immunological defense mechanisms regarding infections, fatty acid metabolism); database management, statistic analysis (SPSS, EXCEL). She is involved in research activity of Task Force on Microbiome of University of Naples Federico II. Dr. G. Della Gatta has focused her research activity on nutrition and study of gut microbiota to better understand the pathogenic mechanisms of food-induced diseases and provide the best care for children affected by these disorders. Her research activity is based on the study of basic aspects of human nutrition and selected food-induced diseases, aiming to move disease biology from the laboratory to clinical practice. The main study aim of the research activity is focused on the study of gut microbiota of children affected by food allergy.