



Maria Felicia Faienza
Associate Professor of Pediatrics (SSD MED/38)
Section of Pediatrics, Dept. of Precision and Regenerative Medicine and Ionian Area,
University of Bari Aldo Moro, Policlinico - P.zza Giulio Cesare 11, 70124 Bari – Italy

Research activity at the Hematology Laboratory of the Department of Clinical Medicine of Developmental age, University of Cagliari, Italy.

Extensive expertise in molecular biology.

Master in Pediatric Hematology and Immunology, University of Bari, Italy.

Research Grant at the Department of Biomedicine of Developmental Age, University of Bari, Italy; project: "Definitions of the molecular basis of Dyserythropoietic Anemia".

Education

Academic and research appointments

National full professor qualification in Pediatrics (06/G1), MIUR, Italy (2020-2029)

Associate professor of Pediatrics, Uniba (2021-today)

Research assistant professor, Uniba (2005-2021)

Main institutional appointments

Member of the Research Working Group, UNIBA (2014-2019)

Member of the commission examining research grants, UNIBA (2015-2019)

Member of the examining commission for admission to the degree course in Medicine and Surgery (BEMC), UNIBA

Member of the examining commission for the assignment of Global-Thesis study prizes, UNIBA (2016-2017)

Member of the commission for evaluating project proposals and assigning grants for specialization schools (from 2020 to today)

Main teaching appointments

Lecturer in Pediatrics Master's and Bachelor's degrees and Graduate schools in Medicine, UNIBA (2005-today)

Reviewing and editorial activities

Associate Editor Frontiers in Endocrinology Section Bone Research

Review Editor Frontiers in Physiology-Skeletal Physiology

Review Editor Frontiers in Pediatrics

Honors and Awards

Award in the 6th International Conference on Children's Bone Health, Rotterdam, The Netherlands, 2013.

Award for best basic poster, XIX SIEDP National Congress, Bari, Italy, 2013.

Winner of the "Federico Vecchio Foundation" Call for the authors of the best scientific productions of in the pediatric field with activities carried out in Puglia, 2016.

Award at ESPE 2020 for the best Original Paper published in Hormone Research in Pediatrics (Horm Res Paediatr. 2020;93(3):173-181).

Research funding

ANVUR funding of basic research activities, 2017.

Horizon Europe Seeds 2022: Telemedicine for Obesity and Quality of Life Education.

Foundation CARIPLO project 2023: "Dietary fructose: a metabolic switch in pediatric obesity-related diseases. Identification of nutritional, biological, omics and social determinants".

Main research interests

Bone remodeling (osteoclastogenesis, Wnt signal mediators, proteins involved in the control of musculoskeletal activity) in endocrine diseases, metabolic diseases and rare diseases of the pediatric age: simple obesity and genetic obesity, diabetes, haematological diseases, nephrological diseases, congenital adrenal hyperplasia, Turner syndrome, Prader-Willi syndrome, Noonan syndrome, osteogenesis imperfecta, cleidocranial dysplasia, mucopolysaccharidosis and alkaptonuria; analysis of the expression/regulation of GH/IGF1 axis genes in newborns small for gestational age (SGA); molecular analysis of genes associated with genetic syndromes and disorders of sexual development; metabolic, cardiovascular and skeletal alterations in childhood cancers survivors; effects of nutraceutical foods on bone metabolism and chronic inflammation in obese children and adolescents.