

SHORT PRESENTATION PROF. PAOLO GASPARINI

Prof. Paolo Gasparini got the degree in Medicine at the University of Turin in 1985, and the residencies in Haematology and Medical Genetics at the University of Verona in 1988 and 1992, respectively. He is full professor of Medical Genetics at the University of Trieste, Head of Medical Genetics Service and Head of the Department for Advanced Diagnostics and Clinical Trials at IRCCS Mother Child Hospital Burlo Garofolo, in Trieste.

Since middle 80s, Prof. Gasparini has contributed to the identification of several inherited disease genes as well as genes underlying complex and quantitative traits. During these years he spent some time as visiting professor at CHOP (Philadelphia, USA) and Sanger (Cambridge, UK). He is directly involved in a series of large studies on isolated populations in Italy, Caucasus and Central Asia in which samples from more than 5000 individuals were collected, accurately phenotyped and genotyped. Parts of these data have been collected thanks to the scientific expedition "Marco Polo 2010" across the Silk Road, which he led and organized. During the last 10 years Prof. Gasparini established a series of collaborations in Qatar where he spent two years at Sidra Medical and Research Center developing research on genetics diseases with a focus on genetics of senses, food behavior and their implication on health.

He has been conferred several prizes and awards and is the author of more than 400 original papers published in peer-reviewed journals. From 2001 to 2021 was the Italian delegate within the Committee for Advanced Therapies of the European Medicine Agency (EMA) (nominated by the Ministry of Health) and is member of the SAB of the Idibell-IRO (Barcelona, Spain). He has also served as an external evaluator of Institutions such as the Institute for Molecular Medicine Finland (FIMM), the Wellcome Trust (UK), etc.

In his career, research activities have focused on the identification of genes related to hereditary illnesses and mitochondrial metabolic illnesses. Major fields of research include the understanding of the genetics bases of 1) hearing function and loss, 2) aging, 3) taste and food preferences and their implications on health status. In this light, he founded G&Life (<http://www.glifeprogram.com/>), a company in the field of nutrigenetics and personalized diets.