

**Prof.dr. Stefano Romeo**

University of Gothenburg

Department of Molecular and Clinical Medicine

Gothenburg, Sweden



Stefano Romeo is Professor in Molecular and Clinical Medicine at the Institute of Medicine at the University of Gothenburg, Sweden and Senior Consultant in Endocrinology and Metabolic Diseases at the Sahlgrenska University Hospital. He is adjunct Professor at University Magna Graecia of Catanzaro in Italy. Dr Romeo's research focus is the role of genetic variants in metabolic disorders such as fatty liver disease (FLD) and dyslipidemia. His research field ranges from genetic association studies in large cohorts to molecular genetics and characterization of human mutations. In the field of FLD: Dr Romeo identified genetic risk and protective determinants in the *PNPLA3*, *MBOAT7*, *GPAM*, *APOE* and *PSD3* genes; generated an easy-to-use multilineage 3D *in vitro* model of FLD. In the field of CVD, Dr Romeo recently generated an algorithm, empowered by machine learning, to easily perform diagnosis of familial hypercholesterolemia (FH); identified and characterized new mutations responsible for a severe hypertriglyceridemia in the *LPL* gene increasing the risk for pancreatitis.

**What is the role of genetic testing in NAFLD?**