

# EGID SEMINAR

December 20<sup>th</sup>, 2022 from 11.00 am to 12.00 pm




## Pr Stefano Romeo

*Professor in Molecular and Clinical Medicine at the Institute of Medicine  
at the Sahlgrenska Academy and Senior Consultant in Endocrinology  
at the Sahlgrenska University Hospital, SWEDEN.*

### Human Genetics of Fatty Liver Disease: From Simple Association to Diagnosis and Treatment

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 also researcher at University Magna Graecia in Catanzaro, Italy in the Unit of Human Nutrition.

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.

 UFR3S - Pôle recherche - Amphithéâtre A  
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