

Massimo Alessio, PhD

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- Dr. Alessio holds a degree in Biology and a PhD in Human Biology.
- At the beginning of his carrier, from 1983 to 1994, he was fellow at the Cell Biology laboratory of the University of Turin and visiting scientist at Dana Farber Cancer Institute of Boston (MS) and at the Cell Biology Laboratory, American Red Cross in Rockville (MD). During that time, he developed expertise in tumor immunology, cell biology and protein biochemistry, contributing to the biochemical and functional characterization of CD38 and CD36 molecules.
- Then, Dr. Alessio moved to the IRCCS-San Raffaele Hospital in Milano (Italy), as senior scientist in the Immunobiology Unit.
- In 2000, he became Project Leader developing his expertise in differential proteomics for biomarkers identification and characterization, and for protein post-translation modifications analysis.
- Since 2007, he is Head of the Proteome Biochemistry Unit and was mainly dedicated to neuro- and onco-proteomics studies.
- From 2001 to 2018, he was professor on contract in "Proteomics" at the San Raffaele University in Milano.
- Dr. Alessio has large experience in project coordination and grant management, he was coordinator of multi-centres project and PI in several national and international grants. He also obtained research contracts for scientific collaborative projects with several companies.
- His scientific interests are now dedicated to defining the role of the ferroxidase ceruloplasmin in neurodegenerative diseases characterized by brain iron accumulation, in particular in the rare genetic disease aceruloplasminemia with the aim to define pathological mechanisms and innovative therapeutic approaches.