

Prof. Marina Pitto

Curriculum vitae

Education and training

1983- Medical Doctor.

1987- Ph.D in Clinical Chemistry and Clinical Biochemistry

1988- Fidia Georgetown Institute for the Neuroscience, Washington D.C, USA: Study of the sialidase activity in cultured neuronal cells, during differentiation.

1991- Researcher SSD BIO/12, at the Department of Medical Chemistry and Biochemistry, The Medical School, University of Milan.

Current Position: Associate Professor of Clinical Biochemistry and Clinical Molecular Biology at the Department of Experimental Medicine, The Medical School, University of Milano-Bicocca.

Research topics:

Teaching experiences

Teaching experiences of Clinical Biochemistry at: the Medicine and Surgery School, at the School for Biomedical Laboratory Technicians, at the School of Medical Biotechnology, and at the Dental School, Faculty of Medicine, and - at the Biotechnology school, Faculty of Mathematics, Physics and Natural Sciences, University of Milano-Bicocca.

Research topics

Functional role and subcellular metabolism of glycolipids; lipid-protein interactions at the membrane level; structure and function of specialized membrane domains- caveolae and lipid rafts-; ethanol and neuronal membranes; liposomes and manipulation of cell membrane composition; role of the plasma membrane and its supra-molecular organization in physiological - like neuronal differentiation- and pathological, -like human lysosomal storage diseases, neurodegenerative disorders and cancer- conditions. Subcellular proteomics of RCC for the search of differentially expressed proteins. On these topics prof. Marina Pitto has published more than 50 papers on peer-reviewed international journals and more than 100 congress communications.