

Alberto Passi MD PhD.



Full professor of biochemistry at the School of Medicine, University of Insubria (Varese – Italy). Dean of the Faculty of Exercise and Sport Sciences of University of Insubria. Director of biochemistry laboratories at Department of Surgery and Morphology Sciences (DSCM); Director of Biotechnology Center of University of Insubria. Since obtaining his PhD, professor Passi has focused his scientific interest in extracellular matrix metabolism. Cell cultures, lung and vascular tissues were initially approached studying proteoglycan metabolism including the effect of free radicals and proteases on extracellular matrix macromolecules. During his sabbatical period in Hascall's lab in Cleveland (OH – USA), he discovered the beauty of Hyaluronan world and after that his work moved towards Hyaluronan field. In particular, studies were done on Hyaluronan metabolism and its control. The role of UDP sugars precursors in glycosaminoglycan synthesis and the covalent modification of enzymes involved in glycosaminoglycan metabolism are currently the main interest of Passi's lab. Passi is member of Italian Biochemistry and Molecular Biology Society, Italian Connective Tissue Society, International Society of Matrix Biology, American Society for Matrix Biology and American Biochemical and Molecular Biology Society. He is in the editorial board of several journals of biochemistry including Journal of Biological Chemistry (JBC) and presented as invited speaker more than 50 talks during international meetings and seminars, is co-author of more than 75 peer reviewed papers in international journals.