



Kazuyuki Sugahara, M.Sc., Ph.D., obtained his BS in Pharmaceutical Sciences in 1971, his M.Sc. in Biochemistry in 1973 and his Ph.D. in Biochemistry from the University of Kyoto, Japan. Kazuyuki Sugahara was research associate at the Department of Pediatrics and Biochemistry, University of Chicago (1976-1982) and associate professor at the Department of Physiological Chemistry at Kobe Women's College of Pharmacy (1990-1993). Since 2006, he is Professor at the Laboratory of Proteoglycan Signaling and Therapeutics, Frontier Research Center for Post-genomic Life Science and Technology, Faculty of Advanced Life Science, Hokkaido University Graduate School of Life Science. Kazuyuki Sugahara has

been honored several times; he has received the Human Frontier Science Program Award, Strasbourg, France (2000, 2005) and Honorary doctor in Medicine from Uppsala University, Sweden (2002). Prof. Sugahara has published 175 original articles in peer-reviewed international scientific journals and about 20 review articles. His research is focused on the structure, function and biosynthesis of sulfated glycosaminoglycans. The biological phenomena Prof. Sugahara has been dealing with are cell proliferation and cell differentiation such as neurite outgrowth and angiogenesis, which are regulated at least in part by sulfated glycosaminoglycans. His group studies involve analysis of molecular interactions between glycans and growth factors/cytokines as well as molecular biology of glycosyl- and sulfotransferases involved in the biosynthesis of these classes of glycan chains.