

Curriculum Vitae

Masahiro Sokabe, Ph.D.

Dr. Masahiro Sokabe is Designated/Emeritus Professor at Nagoya University Graduate School of Medicine and Head of Mechanobiology Lab. He graduated from Osaka University (Department of Biophysical Engineering, Faculty of Engineering Science) in 1973. After receiving Ph.D. from Osaka University (1984, Biophysical Engineering), he moved to Nagoya University in 1985, promoted to Professor and Chair at the Department of Physiology, Graduate School of Medicine in 1992, and took up current position in 2013. He has conducted pioneering works on cell mechanosensors, including mechanosensitive ion channels, and actin cytoskeletons, currently focusing on their roles in cell migration, tumorigenesis and garvi-sensing. He is also investigating the roles of neurosteroids in the plasticity and neurogenesis in the brain, aiming at their clinical applications to stroke and Alzheimer's disease. Dr. Sokabe has published over 250 papers and contributed to scientific societies by serving as Ex-President of Japanese Biophysical Society and Ex-President of International Association of Comparative Physiology and Biochemistry. He is currently President (2011-) of International Society of Mechanobiology, and Supervisor (2015-) of National Grant Program CREST/PRIME "Mechanobiology" supported by Japan Agency for Medical Research and Development (AMED).