



Yukiko Gotoh

Graduate School of Pharmaceutical Sciences,
The University of Tokyo

Yukiko Gotoh studies neural stem/progenitor cells (NPCs) and their progeny in order to understand the mechanisms and logics of mammalian brain development and homeostasis. She received her PhD in 1992 from The University of Tokyo, where she contributed to identification of the mitogen-activated protein (MAP) kinase signaling pathway in vertebrates. She performed her postdoctoral work with Jonathan A. Cooper at the Fred Hutchinson Cancer Research Center, and with Michael E. Greenberg at Harvard Medical School before starting her own laboratory back at The University of Tokyo. Her group revealed time-dependent regulation of the neurogenic properties of NPCs during brain development, including that mediated by Polycomb group proteins, as well as identified the embryonic origin of adult subventricular neural stem cells. She has been awarded the Japan Society for the Promotion of Science Prize, Japan Academy Medal, Tsukahara Prize, Inoue Prize for Science, Yasuda Memorial Foundation Prize for Medicine, and Kihara Memorial Foundation Academic Award.