

Tadashi Isa graduated from the University of Tokyo with an MD (1985) from the Faculty of Medicine, then received a PhD (1989) from its Graduate School of Medical Science. Subsequently, he worked as a postdoctoral fellowship at the University of Göteborg in Sweden, and held junior academic positions in the University of Tokyo and Gunma University, becoming a full professor in the National Institute of Physiological Sciences in 1996. In 2015, he moved to Kyoto University as a Professor of the Graduate School of Medicine, and currently is the Dean of the Graduate School of Medicine & Faculty of Medicine since October in 2022.

Tadashi Isa is interested in the neural circuits controlling fine motor control systems and functional recovery after the neuronal damage by combining multidisciplinary approaches such as electrophysiology, behavioural analysis, neuroimaging, pharmacological inactivation, pathway-selective and reversible manipulation with viral vectors in nonhuman primates. He and his colleagues clarified the mechanism of functional recovery of dexterous hand movements by alternative circuits spanning various brain regions after the spinal cord injury, and that of visually guided saccades and cognitive functions after damage to the visual cortex (model of human blindsight).

Tadashi Isa was a President of Japan Neuroscience Society (about 6000 members) in 2017-2019, and Chairperson of the Union of Brain Science Associations in Japan (union of 30 associations across the fields of basic and clinical neurosciences), the Secretary General of Federation of Asia-Oceanian Neuroscience Societies (FAONS) and a Member of Asia-Pacific Regional Committee of IBRO.

Websites:

<https://ashbi.kyoto-u.ac.jp/members/tadashi-isa/>

https://www.med.kyoto-u.ac.jp/en/organization-staff/research/doctoral_course/r-019/