

## Biosketch

Ryuichi Nishinakamura graduated from the University of Tokyo School of Medicine and worked as a clinical nephrologist for several years. After receiving his Ph.D. in 1996, he started working on kidney development at the University of Tokyo. In 2004, he moved to Kumamoto University as a professor at the Institute of Molecular Embryology and Genetics, Kumamoto University. He also served as the director of the institute for 4 years until 2020. He has generated knockout mice and identified several genes important for kidney development. He then determined the correct origin of kidney progenitors and used this knowledge to successfully generate kidney organoids from pluripotent stem cells. More recently, he has reported the modeling of kidney disease from patient-derived iPS cells and the generation of more complex, branched kidney organoids.