

Short biography (max. 150 words, file name: Surname\_bio.pdf)

I am a physician-scientist specializing in cardiovascular disease, currently affiliated with Nagoya University School of Medicine in Japan. After earning my M.D. in 2007 and Ph.D. in 2016 in Japan, I completed my first postdoctoral fellowship at Boston University in 2017, followed by a second fellowship at the University of Virginia from 2018 to 2021. There, I began investigating the impact of clonal hematopoiesis on cardiovascular disease pathology.

Clonal hematopoiesis is a common age-related condition, also observed in cancer survivors, and is characterized by the expansion of hematopoietic stem cell clones harboring somatic mutations that confer a selective growth advantage. Our research has demonstrated that clonal hematopoiesis contributes to various cardiovascular diseases through immune cell dysfunction.

My current research focuses on elucidating how clonal hematopoiesis contributes to cardiovascular diseases at the molecular and in vivo levels, with the ultimate goal of translating these fundamental discoveries into clinical applications.