

Dr. Taketaro Sadahiro is a leading researcher in cardiac regeneration and fibrosis, with a focus on direct cellular reprogramming. He earned his PhD in Medicine from Keio University and served as a lecturer at the University of Tsukuba before returning to Keio University, where he is currently an Assistant Professor in the Department of Cardiology at the School of Medicine.

Dr. Sadahiro's research explores the mechanisms of cardiac fibrosis, employing cutting-edge methodologies such as single-cell analysis, spatial transcriptomics, and lineage-tracing mouse models. His work has elucidated the characteristics of fibroblasts induced by heart failure and demonstrated the anti-fibrotic potential of direct reprogramming. Recognized with prestigious awards from the Japanese Circulation Society and the International Society for Heart Research (ISHR), Dr. Sadahiro continues to advance innovative therapies for heart failure and fibrosis.