

Short bio-sketch: Keiichi Fukuda

Keiichi Fukuda graduated from Keio University, and is pioneer of the cardiac regeneration field and has been at its cutting edge for the past 25 years. He has made several contributions to the regenerative medicine of the failing heart using iPS cells. He developed novel method to purify the cardiomyocytes by metabolic selection, and to generate iPS cells from peripheral circulation T cells using Sendai virus systems. He became both Professor of Regenerative Medicine and Chief Professor of the Department of Cardiology in Keio University, and published more than 800 top-ranked papers. He is now Emeritus professor in Keio University from 2023. He had established bio-venture company “Heartseed Inc.” in 2015 and became CEO. He is now examining the clinical trial for transplanting human iPS-derived regenerated cardiomyocytes to the patients with congestive heart failure due to ischemic heart disease.