

Takanori Yamaguchi, MD, PhD

Associate Professor, Department of Cardiovascular Medicine, Saga University, Japan

Dr. Takanori Yamaguchi graduated from the National Defense Medical College in 2002 and currently serves as Associate Professor in the Department of Cardiovascular Medicine at Saga University. His research focuses on catheter ablation for tachyarrhythmias, histological evaluation of atrial cardiomyopathy through atrial biopsy, genomic and omics analysis of atrial fibrillation, and the development of AI-based treatment strategies for atrial fibrillation. He has published extensively in leading journals, including studies on voltage-based ablation techniques, diffuse atrial fibrosis, and histological validation of atrial remodeling. His work aims to advance the understanding of atrial fibrillation pathophysiology and improve therapeutic approaches.