

## CURRICULUM VITAE

**Name:** Issei Komuro, M.D., Ph.D.

### **Education:**

1976-1978 College of General Education, University of Tokyo  
1978-1982 M.D., Faculty of Medicine, University of Tokyo  
1985-1989 Ph.D., Faculty of Medicine, University of Tokyo

### **Professional Experience:**

1982-1984 Resident in Internal Medicine, Tokyo University Hospital  
1984-1989 Clinical and Research Fellow in Cardiology, Department of Medicine III, The University of Tokyo School of Medicine  
1989-1992 Research Fellow, Molecular Medicine Unit and Cardiovascular Division, Beth Israel Hospital and Harvard Medical School  
1992-1993 Instructor in Medicine, Molecular Medicine Unit, Beth Israel Hospital and Harvard Medical School  
1993-1998 Instructor in Medicine, Chief of Molecular Cardiology Division, Department of Medicine III, The University of Tokyo School of Medicine  
1996-1998 Visiting Assistant Professor in Medicine, Nagoya University School of Medicine  
1998-2001 Visiting Associate Professor in Medicine, Tokyo Medical and Dental University  
1998-2000 Assistant Professor in Medicine, Department of Cardiovascular Medicine, The University of Tokyo Graduate School of Medicine  
2000-2001 Associate Professor in Medicine, Department of Medicine III, Chiba University School of Medicine  
2001-2010 Professor in Medicine, Chairman, Department of Cardiovascular Science and Medicine, Chiba University Graduate School of Medicine  
2005-2007 Vice president of Chiba University Hospital  
2008-2009 Director, Center for Advanced Medicine of Chiba University Hospital  
2009-2012 Professor and chairman, Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine  
2012- Professor and chairman, Department of Cardiovascular Medicine, The University of Tokyo Graduate School of Medicine

### **Licensure and Certification:**

1982 Permanent License of Practice of Medicine, Japan  
1989 National Board of Medicine  
1996 National Board of Cardiology  
2001 Fellow of American Heart Association  
2010 Fellow of ISHR  
2013 Fellow of European Society of Cardiology

**Awards and Honors:**

1985	Gold Medal for Erwin von Balz Preiz (first prize)
1988	Japan Heart Foundation Research Grant for Young Investigators.
1990	American College of Cardiology/Merck Award
1991-1993	The Medical Foundation Fellowship Award
1993	Louis N. Katz Basic Science Research Prizes for Young Investigators(Finalist), American Heart Association
1997	Okamoto Award for Young Investigators Award of Medical Society of Tokyo University
1998	Award of Medical Society of Tokyo
2000	Sato Award of Japanese Circulation Society Takamine Jyokichi Research Award
2003	Award of Japanese Society of Molecular Medicine Outstanding Investigator Prize of the International Society of Heart Research
2004	Academic Award of the Mochida Memorial Foundation
2010	Gold Medal for Erwin von Balz Preiz (first prize) President's Distinguished Lectures of the ISHR Award
2012	Takamine Jyokichi Award
2019	Research Achievement Award of the International Society of Heart Research

**Academic Society:** Japanese Circulation Society (immediate-past president), Japanese Onco-Cardiology Society (president), Japanese Medical Science Federation (director), Japanese Heart Failure Society (director), Japanese Cardiology Society (director), Japanese Medical Science Association (director), International Society of Heart Research (director), APSC (president-elect)

**Editorial Board:** Journal of Clinical Investigation, Circulation, Arteriosclerosis, Thrombosis, and Vascular Biology, Journal of Molecular Cellular Cardiology, Cardiovasc Res, Circulation Journal, Int Heart Journal (editor-in-chief), Heart & Vessel, Genes to Cells

**Area of Specialization:**

Cardiovascular Development, Regeneration and Aging, Mechanisms of Cardiac Hypertrophy and Heart Failure

Dr. Komuro was graduated from The University of Tokyo in 1982 and after clinical residency, he has started research on mechanisms of cardiac hypertrophy and heart failure. He has reported that angiotensin II type 1 receptor is involved in mechanical stress-induced cardiac hypertrophy and has recently reported novel mechanisms of heart failure such as ischemia, inflammation and aging. He has also studied cardiac development and has isolated cardiac specific homeobox protein Nkx2.5. He has published more than 1000 papers on peer-review journals including Natute, Cell and Nature Medicine.