

CURRICULUM VITAE

April 1, 2018

Name: Tohru Minamino

Education:

1989 M.D. Faculty of Medicine, University of Chiba, Chiba
1997 Ph.D. Graduate School of Medicine, University of Tokyo, Tokyo

Postdoctoral Training:

Internships and Residencies:

1989-1991 Resident, Internal Medicine, Chiba University Hospital, Chiba
1991-1992 Resident, Internal Medicine, Narashino Hospital, Chiba

Research Fellowships:

1991–1994 Research Fellow in Medicine, University of Chiba, Chiba
1994–1997 Research Fellow in Medicine, University of Tokyo, Tokyo
1997–2000 Research Fellow in Pediatrics, Harvard Medical School, Boston, Massachusetts
2000–2001 Assistant Professor in the 3rd Department of Internal Medicine, Teikyo University School of Medicine
2001–2009 Assistant Professor in the Department of Cardiovascular Science and Medicine, Chiba University Graduate School of Medicine, Chiba
2010–2011 Associate Professor in the Department of Cardiovascular Science and Medicine, Chiba University Graduate School of Medicine, Chiba
2007– Research Scientist, Japan Science and Technology Agency
2012– Professor and Chairman in the Department of Cardiovascular Biology and Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata

Licensure and Certification:

1989 Japanese National Board of Medicine, Certificate No. 319833
2001 Board Certified Member of the Japanese Society of Internal Medicine
2004 Board Certified Member of the Japanese Circulation Society
2010 Board Certified Member of Japanese Society of Hypertension
2010 Board Certified Member of Japanese College of Angiology
2013 Board Certified Member of Japan Atherosclerosis Society
2015 Fellow of the Japanese Society of Internal Medicine (FJSIM)

Hospital Appointments:

1992–1994 Physician in the Cardiovascular division, Tobu-chiiki Hospital, Tokyo
2000–2001 Instructor in the Cardiovascular division, Teikyo Ichihara University Hospital, Ichihara, Chiba

- 2001– Assistant Professor in the Cardiovascular division, Chiba University Hospital, Chiba
2010– Associate Professor in the Cardiovascular division, Chiba University Hospital, Chiba
2012– Professor and Chairman in the Cardiovascular division, Niigata University Medical and Dental Hospital, Niigata

Award:

- 2001 Young Investigator Award in Japanese Society of Molecular Medicine
2002 Young Investigator Award in Japanese College of Cardiology
2002 Young Investigator Award in Japanese Society of Cardiovascular Endocrinology and Metabolism
2003 Okamoto Award of International Symposium on SHR
2007 Jokichi Takamine's Award in Japanese Society of Cardiovascular Endocrinology and Metabolism
2009 Chiba Medical Award
2010 Satoh Memorial Award in Japanese Circulation Society
2010 Erwin von Bälz Award (1st prize)
2011 Medical Research Encouragement Prize of the Japan Medical Association

Memberships, Offices and Committee Assignments in Professional Societies:

Japanese Society of Internal Medicine (Councilor), Japanese Circulation Society (Councilor/Fellow), Japanese College of Cardiology (Councilor, Fellow), American Heart Association (Fellow), European Society of Cardiology (Fellow), Asian Pacific Society of Cardiology (Fellow), Japanese College of Angiology (Councilor), Japanese Society of Anti-aging Medicine (Vice President, Director), Japanese Society of Cardiovascular Endocrinology and Metabolism (Director), Japan Geriatrics Society (Councilor), Japan Atherosclerosis Society (Councilor), Japanese Society of Hypertension (Councilor), Japanese Society of Molecular Medicine (Councilor), International Society of Heart Research (Councilor), Japanese Heart Failure Society (Councilor), Japanese Vascular Biology and Medicine Organization (Director), Japan Atherosclerosis Society (Councilor), Japanese Society for Circulation Research (Director), Japanese Pulmonary Hypertension Society (Councilor), Japanese Association of Cardiac Rehabilitation (Councilor), Japanese Association of Cardiovascular Intervention and Therapeutics, Molecular Biology Society of Japan

Journal Editor:

Associate Editor of Journal of Molecular and Cellular Cardiology
Academic Editor of PLOS ONE
Associate Editor of Aging and Mechanisms of Disease
Associate Editor of Circulation Journal
Associate Editor of Journal of Cardiology
Editorial Board Member of International Heart Journal
Editorial Board Member of Anti-aging Medicine

Original Reports:

1. Ikegami R, Shimizu I, Minamino T. Gamma-aminobutyric acid signaling in brown adipose tissue promotes systemic metabolic derangement in obesity. **Cell Rep** 2018 in press
2. Sumida T, Minamino T, Komuro I. Complement C1q-induced activation of β -catenin signalling causes hypertensive arterial remodelling. **Nat Commun** 2015; 6: 6241.
3. Yokoyama M, Minamino T. Inhibition of endothelial p53 improves metabolic abnormalities related to dietary obesity. **Cell Rep** 2014; 7: 1691-1703.
4. Shimizu I, Minamino T. Semaphorin-induced inflammation contributes to insulin resistance in dietary obesity. **Cell Metab** 2013; 18: 491-504.
5. Naito AT, Minamino T, Komuro I. Complement C1q activates canonical wnt signaling and promotes age-related phenotypes. **Cell** 2012; 149: 1298-1313.
6. Shimizu I, Minamino T. p53-induced adipose tissue inflammation is critically involved in the development of insulin resistance in heart failure. **Cell Metab** 2012; 15: 51-64.
7. Minamino T, Komuro I. A crucial role for adipose tissue p53 in the regulation of insulin resistance. **Nat Med** 2009; 15: 1082-1087.
8. Zhu W, Minamino T, and Komuro I. IGFBP-4 is an inhibitor of canonical Wnt signaling required for cardiogenesis. **Nature** 2008; 454:345-349.
9. Sano M, Minamino T*, and Komuro I. p53-induced Inhibition of Hif-1 Causes Cardiac Dysfunction during Pressure Overload. **Nature** 2007 446: 444-448. (*Co-first author)
10. Harada M, Minamino T*, Komuro I. G-CSF prevents cardiac remodeling after myocardial infarction by activating Jak/Stat in cardiomyocytes. **Nat Med** 2005; 11: 305-311. (*Co-first author)

Invited Review:

11. Shimizu I, Yoshida Y, Suda M, Minamino T. DNA damage response and metabolic disease. **Cell Metab** 2014; 20: 967-977.
12. Minamino T and Komuro I. Vascular aging: insights from studies on cellular senescence, stem cell aging, and progeroid syndromes. **Nat Rev Cardiol** 2008; 5: 637-648.
13. Minamino T and Komuro I. Vascular cell senescence: Contribution to atherosclerosis. **Circ Res** 2007; 100: 15-26.