

Curriculum Vitae

Name: Yasuhiko Yamamoto

Degree: MD, PhD

Affiliation: Kanazawa University, Japan

Position Title: Professor

Education/Training

1986-1992 Kanazawa University School of Medicine (MD)

1992-1996 Kanazawa University Graduate School of Medicine (PhD)

Positions and Scientific Appointments

1996 Research Fellow, Division of Endocrinology and Metabolism, Kanazawa University Hospital

1997-1999 The Japan Society for the Promotion of Science (JSPS) Research Associate

1999-2000 Instructor, Department of Biochemistry, Kanazawa University School of Medicine

2001-2006 Assistant Professor, Department of Biochemistry and Molecular Vascular Biology, Kanazawa University Graduate School of Medical Sciences

2006-2009 Research Fellow, Joslin Diabetes Center & Harvard Medical School

2009-2015 Associate Professor, Department of Biochemistry and Molecular Vascular Biology, Kanazawa University Graduate School of Medical Sciences

2015- Professor, Department of Biochemistry and Molecular Vascular Biology, Kanazawa University Graduate School of Medical Sciences

Honors

2003 Japan Biochemical Society (Hokuriku Area) Young Investigator Award

2006 Kanazawa University Young Investigator Award

2007 Sr. Iacocca Visiting Scientist Award

2008 Japan Diabetic Complication Society Young Investigator Award

Selected Publication

1. Shirasaki T, Yamagoe S, Shimakami T, Murai K, Imamura R, Ishii KA, Takayama H, Matsumoto Y, Tajima-Shirasaki N, Nagata N, Shimizu R, Yamanaka S, Abe A, Omura H, Kawaguchi K, Okada H, Yamashita T, Yoshikawa T, Takimoto K, Taharaguchi M, Takatsuka S, Miyazaki Y, Tamai T, Tanabe Y, Kurachi M, Yamamoto Y, Kaneko S, Matsumoto K, Takamura T, Honda M. Leukocyte cell-derived chemotaxin 2 is an antiviral regulator acting through the proto-oncogene MET. *Nat Commun* 2022; 13(1): 3176.
2. Yamamoto Y, Liang M, Munesue S, Deguchi K, Harashima A, Furuhashi K, Yuhi T, Zhong J, Akther S, Goto H, Eguchi Y, Kitao Y, Hori O, Shiraishi Y, Ozaki N, Shimizu Y, Kamide T, Yoshikawa A, Hayashi Y, Nakada M, Lopatina O, Gerasimenko M, Komleva Y, Malinovskaya N, Salmina AB, Asano M, Nishimori K, Shoelson SE, Yamamoto H,

- Higashida H. Vascular RAGE transports oxytocin into the brain to elicit its maternal bonding behaviour in mice. *Commun Biol* 2019; 2: 76.
3. Lee BC, Kim MS, Pae M, Yamamoto Y, Eberlé D, Shimada T, Kamei N, Park HS, Sasorith S, Woo JR, You J, Mosher W, Brady HJM, Shoelson SE, Lee J. Adipose natural killer cells regulate adipose tissue macrophages to promote insulin resistance in obesity. *Cell Metab* 2016; 23(4): 685-98.
 4. Anisuzzaman, Hatta T, Miyoshi T, Mtsubayashi M, Islam MK, Alim MA, Anas MA, Hasan MM, Matsumoto Y, Yamamoto Y, Yamamoto H, Fujisaki K, Tsuji N. Longistatin secreted with tick saliva blocks RAGE. *J Clin Invest* 2014; 124(10): 4429-4444.
 5. He M, Kubo H, Morimoto K, Fujino N, Suzuki T, Takahashi T, Yamada M, Yamaya M, Yamamoto Y, Yamamoto H. RAGE binds phosphatidylserine and mediates clearance of apoptotic cells. *EMBO Rep* 2011; 12(4): 358-364.
 6. Myint KM, Yamamoto Y, Doi T, Kato I, Harashima A, Yonekura H, Watanabe T, Shinohara H, Takeuchi M, Hashimoto N, Asano M, Takasawa S, Okamoto H, Yamamoto H. RAGE control of diabetic nephropathy in a mouse model: effects of RAGE gene disruption and administration of low molecular weight heparin. *Diabetes* 2006; 55(9):2510-22.
 7. Yamamoto Y, Kato I, Doi T, Yonekura H, Ohashi S, Takeuchi M, Watanabe T, Yamagishi S, Sakurai S, Takasawa S, Okamoto H, Yamamoto H. Development and prevention of advanced diabetic nephropathy in RAGE-overexpressing mice. *J Clin Invest* 2001; 108(2):261-8.