

CURRICULUM VITAE

Kazuki Tajima, M.D., Ph.D.

Position: Visiting Scholar

UCSF Diabetes Center, University of California, San Francisco

Place of Birth: Yokohama, Japan

Business Address:

RMB at UCSF, Pod C, 35 Medical Center Way, San Francisco, CA, 94143

Education:

2009-2013 Ph.D., Medicine, Hokkaido University, School of Medicine

2005 M.D. certification by National Board of Medicine

Professional Training and Employment:

2017- Visiting Scholar, UCSF Diabetes Center, University of California, San Francisco, United States

2013-2016 Assistant professor, Department of Endocrinology and Metabolism, Yokohama City University Graduate School of Medicine, Yokohama

2012-2013 Medical staff, in Hokkaido University Hospital, Sapporo

2010-2012 Medical staff, in Yokohama City University Hospital, Yokohama

2009-2010 Medical staff, in Hokkaido University Hospital, Sapporo

2008-2009 Medical staff, in Kushiro Red Cross Hospital, Kushiro

2007-2008 Medical staff, in Hokkaido University Hospital, Sapporo

2005-2007 Residency, Hokkaido University Hospital, Sapporo

Research Grants:

2017-2018 Grant-in-Aid for Young Scientists (B) 17K16152 from the Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan

2015-2016 Grant-in-Aid for Young Scientists (B) 15K19521 from the Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan

2015 Grant-in-Aid from Yokohama General Promotion Foundation

2015 Advance Encouraged Award, Advans symposium, Tokyo, Japan

Peer reviewed publications:

1. **Tajima K**, Shirakawa J, Togashi Y, Yamazaki S, Okuyama T, Kyohara M, Konishi H, Terauchi Y.: Metabolic recovery of lipodystrophy, liver steatosis, and pancreatic β cell proliferation after the withdrawal of OSI-906. **Sci Rep.** 7(1):4119, 2017.
2. **Tajima K**, Shirakawa J, Okuyama T, Kyohara M, Yamazaki S, Togashi Y, Terauchi Y.: Effects of metformin on compensatory pancreatic β -cell hyperplasia in mice fed a high-fat diet. **Am J Physiol Endocrinol Metab.** in press, 2017.
3. Orime K, Shirakawa J, Togashi Y, **Tajima K**, Inoue H, Nagashima Y, Terauchi Y. Lipid-lowering agents inhibit hepatic steatosis in a non-alcoholic steatohepatitis-derived hepatocellular carcinoma mouse model. **Eur J Pharmacol.** 772:22-32, 2016.
4. Togashi Y, Shirakawa J, Orime K, Kaji M, Sakamoto E, **Tajima K**, Inoue H, Nakamura A, Tochino Y, Goshima Y, Shimomura I, Terauchi Y. β cell proliferation after a partial pancreatectomy is independent of IRS-2 in mice. **Endocrinology.** 155(5):1643-52, 2014.
5. **Tajima K**, Shirakawa J, Togashi Y, Inoue H, Sato K, Orime K, Ito Y, Kaji M, Sakamoto E, Nakamura A, Aoki K, Goshima Y, Atsumi T, Terauchi Y. AMPK is involved in the regulation of incretin receptors expression in pancreatic islets under a low glucose concentration. **Plos One.** 8(5):e64633, 2013.
6. **Tajima K**, Nakamura A, Shirakawa J, Togashi Y, Orime K, Sato K, Inoue H, Kaji M, Sakamoto E, Ito Y, Aoki K, Nagashima Y, Atsumi T, Terauchi Y. Metformin prevents liver tumorigenesis induced by high-fat diet in C57Bl/6 mice. **Am J Physiol Endocrinol Metab.** 305(8):E987-98, 2013.
7. Shirakawa J, Togashi Y, Sakamoto E, Kaji M, **Tajima K**, Orime K, Inoue H, Kubota N, Kadowaki T, Terauchi Y. Glucokinase activation ameliorates ER stress-induced apoptosis in pancreatic β cells. **Diabetes.** 62(10):3448-58, 2013.
8. *Nakamura A, ***Tajima K (*: co-first author)**, Zolzaya K, Sato K, Inoue R, Yoneda M, Fujita K, Nozaki Y, Kubota KC, Haga H, Kubota N, Nagashima Y, Nakajima A, Maeda S, Kadowaki T, Terauchi Y. Protection from non-alcoholic steatohepatitis and liver tumorigenesis in high fat-fed insulin receptor substrate-1-knockout mice despite insulin resistance. **Diabetologia.** 55(12):3382-91, 2012.
9. Shirakawa J, Tanami R, Togashi Y, **Tajima K**, Orime K, Kubota N, Kadowaki T, Goshima Y, Terauchi Y. Effects of liraglutide on β cell-specific glucokinase-deficient neonatal mice. **Endocrinology.** 153(7):3066-75. 2012.
10. Shirakawa J, Amo K, Ohminami H, Orime K, Togashi Y, Ito Y, **Tajima K**, Koganei M, Sasaki H, Takeda E, Terauchi Y. Protective effects of a DPP-4 inhibitor against increased beta cell apoptosis induced by dietary sucrose and linoleic acid in mice with diabetes. **J Biol Chem.** 286(29):25467-76. 2011.