

Curriculum Vitae

Name: Hail Kim

Degree: MD, PhD

Affiliation: KAIST

Position Title: Professor

Education/Training

Mar. 1998 M.D., Yonsei University College of Medicine
Feb. 2002 Ph. D., Yonsei University
2006 – 2011 Postdoctoral Fellow, Diabetes Center, University of California San Francisco, USA

Positions and Scientific Appointments

1998 – 2001 Teaching and Research Assistant, Yonsei University College of Medicine, Korea
2001 – 2002 Research Fellow, Yonsei University College of Medicine, Korea
2002 – 2005 Investigator, Armed Forces Medical Institute of Korea
2006 – 2011 Postdoctoral Fellow, Diabetes Center, University of California San Francisco, USA
2011 – Assistant/Associate/Full Professor, GSMSE, KAIST, Daejeon, Korea
2020 – Director, Biomedical Research Center, KAIST
2021 – Director, KAIST Clinic Pappalardo Center, KAIST

Honors

1. Richard Wunsch Medical Prize for Young Investigator, Korean Academy of Medical Sciences, 2004
2. Postdoctoral Fellowship, Juvenile Diabetes Research Foundation, USA, 2007~2009
3. **Young Investigator Travel Grant Awards, 69th ADA Scientific Session, New Orleans, USA, 2009**
4. Advanced Postdoctoral Fellowship, Juvenile Diabetes Research Foundation, USA, 2010~2013
5. Yonkang Medical Paper Academic Award, Yonkang Foundation, Korea, 2011
6. Masato Kasuga Award for Outstanding Scientific Achievement, AASD, 2021

Selected Publication

1. Oh CM, Namkung J, Go Y, Shong KE, Kim K, Kim H, Park BY, Lee HW, Jeon YH, Song J, Shong M, Yadav VK, Karsenty G, Kajimura S, Lee IK#, Park S#, Kim H#. Regulation of systemic energy homeostasis by serotonin in adipose tissues. *Nat Commun.* 2015 Apr 13;6:6794. (# cocorresponding author)
2. Choi W, Namkung J, Hwang I, Kim H, Lim A, Park HJ, Lee HW, Han KH, Park S, Jeong JS, Bang G, Kim YH, Yadav V, Karsenty G, Ju JS, Choi C, Suh JM, Park JY, Park S, Kim H. Serotonin signals through a gut-liver axis to regulate hepatic steatosis. *Nat Commun.* 2018 Nov 16;9(1):4824
3. Moon JH, Kim YG, Kim K, Osonoi S, Wang S, Saunders DC, Wang J, Yang K, Kim H, Lee J, Jeong JS, Banerjee RR, Kim SK, Wu Y, Mizukami H, Powers AC, German MS, Kim H. Serotonin Regulates Adult β -Cell Mass by Stimulating Perinatal β -Cell Proliferation. *Diabetes.* 2020 Feb;69(2):205-214.

4. H Kim, H Yoon, CM Oh, J Lee, K Lee, H Song, E Kim, K Y, MY Kim, H Kim, YK Kim, EH Seo, H Heo, HJ Kim, J Lee, JM Suh, SH Koo, JK Seong, S Kim, YS Ju, M Shong, M Kim, Kim H. PRMT1 is required for the maintenance of mature β cell identity. *Diabetes*. 2020 Mar;69(3):355-368
5. Moon JH, Kim H, Kim H, Park J, Choi W, Choi W, Hong HJ, Ro H, Jun S, Choi SH, Banerjee RR, Shong M, Cho NH, Kim SK, German MS, Jang HC, Hail Kim. Lactation improves pancreatic β cell mass and function through serotonin production. *Sci. Transl. Med.* 2020 April 29; 12, eaay0455
6. Won Gun Choi, Wonsuk Choi, Tae Jung Oh, Hye-Na Cha, Inseon Hwang, Yun Kyung Lee, Seung Yeon Lee, Hyemi Shin, Ajin Lim, Dongryeol Ryu, Jaemyoung Suh, So-Young Park*, Sung Hee Choi* and Hail Kim*. Inhibiting serotonin signaling through HTR2B in visceral adipose tissue improves obesity related insulin resistance. *J Clin Invest.* 2021 Oct 7:e145331. (*cocorresponding author)