

Curriculum Vitae

Name: Byung-Chul Oh

Degree: Ph.d.

Affiliation: Lee Gil Ya Cancer and Diabetes Institute, Gachon University College of Medicine

Position Title: Professor, Vice President of Lee Gil Ya Cancer and Diabetes Institute

Education/Training.

1998.03-2001.08, Seoul National University, Ph.D.

Positions and Scientific Appointments

2020.10-present	Vice President of Lee Gil Ya Cancer and Diabetes Institute
2018.09-2019.08	Visiting Scholar, Department of Molecular and Cellular Physiology, Joslin Diabetes Center, Harvard Medical School
2017.04-present	Professor, Gachon University, Department of physiology.
2011.04-2017.03	Associate Professor, Gachon University
2007.03-2010.03	Assistant Professor, Gachon University of Medicine and Science
2007.04-2007.09	Visiting Scholar, Department of Obesity and Diabetes, BIDMC, Harvard Medical School
2005.10-2007.02	Research Professor, Chungbuk National University
2002.02-2006.02	Post-Doc, Department of Molecular and Cellular Physiology, Joslin Diabetes Center, Harvard Medical School
2001.08-2002.02	Post-Doc, the Microbial Genomic Laboratory, Korea Research Institute of Bioscience & Biotechnology (KRIBB)
1995.11 -2001.08	Research Scientist, the Microbial Genomic Laboratory, Korea Research Institute of Bioscience & Biotechnology (KRIBB)

Selected Publication (1-7)

1. Lee JH, et al. (2022) SCAP deficiency facilitates obesity and insulin resistance through shifting adipose tissue macrophage polarization. *J Adv Res*.
2. Lee B, et al. (2022) Lomitapide, a cholesterol-lowering drug, is an anticancer agent that induces autophagic cell death via inhibiting mTOR. *Cell Death Dis* 13(7):603.
3. Kim OH, et al. (2022) Externalized phosphatidylinositides on apoptotic cells are eat-me signals recognized by CD14. *Cell Death Differ* 29(7):1423-1432.
4. Kim MJ, et al. (2021) DEHP Down-Regulates Tshr Gene Expression in Rat Thyroid Tissues and FRTL-5 Rat Thyrocytes: A Potential Mechanism of Thyroid Disruption. *Endocrinol Metab* (Seoul).
5. Kim HJ, Jung YS, Jung YJ, Kim OH, & Oh BC (2021) High-Phytate Diets Increase Amyloid beta Deposition and Apoptotic Neuronal Cell Death in a Rat Model. *Nutrients* 13(12).
6. Kim OH, et al. (2020) High-phytate/low-calcium diet is a risk factor for crystal nephropathies, renal phosphate wasting, and bone loss. *Elife* 9.

7. Kang JK, Kim, O.H., Hur, J., Yu, S. H., Lamichhane, S., Lee, J.W., Ojha, U., Hong, J. H., Lee, C. S., Cha, J.Y., Lee, Y. J., Im, S.S., Park, Y.J., Choi, C. S., Lee, D.H., Lee, I.K., Oh, B.C. (2017) Increased intracellular Ca²⁺ concentrations prevent membrane localization of PH domains through the formation of Ca²⁺-phosphoinositides. Proc. Natl. Acad. Sci. USA.