

Sihoon Lee

Curriculum Vitae

Professor of Medicine
 Department of Internal Medicine, Gachon University College of Medicine, Korea



Educational Background & Professional Experience

2025.01–Present	Adjunct Professor, Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai
2016.03–08	Visiting Faculty, GPLLI, The University of Tokyo
2016.04–2017.05	Visiting Associate Professor of Medicine, Harvard Medical School
2000.09–2005.08	PhD, Yonsei University Graduate School
1992.03–1998.02	MD, Yonsei University College of Medicine

Research Interests

Dr. Lee’s research focuses on the understanding of molecular mechanism of many genetic rare diseases. He is conducting several Rare Disease Registry Studies in Korea and wishes to expand that to neighboring countries. He has recently discovered several exciting novel mutations of genes, which might be associated with the rare diseases. He is trying to apply the acquired knowledge to more common diseases.

Publications

- Dong-Kyo Lee, Xian Jin, Poo-Reum Choi, Ying Cui, Xiangguo Che, Sihoon Lee, Keun Hur, Hyun-Ju Kim, Je-Yong Choi. Phospholipase C β 4 promotes RANKL-dependent osteoclastogenesis by interacting with MKK3 and p38 MAPK. *Exp Mol Med* 57:323–334, 2025 (IF: 9.5)
- So Young Park, Sung Hye Kong, Kyoung Jin Kim, Seong Hee Ahn, Namki Hong, Jeonghoon Ha, Sihoon Lee, Han Seok Choi, Ki-Hyun Baek, Jung-Eun Kim, Sang Wan Kim, on Behalf of Metabolic Bone Disease Study Group of Korean Endocrine Society. Effects of Endocrine-Disrupting Chemicals on Bone Health. *Endocrinol Metab* 39:539–551, 2024 (IF: 3.9)
- Kyoung Jin Kim, Jeonghoon Ha, Sang Wan Kim, Jung-Eun Kim, Sihoon Lee, Han Seok Choi, Namki Hong, Sung Hye Kong, Seong Hee Ahn, So Young Park, Ki-Hyun Baek, on Behalf of Metabolic Bone Disease Study Group of Korean Endocrine Society. Bone Loss after Solid Organ Transplantation: A Review of Organ-Specific Considerations. *Endocrinol Metab* 39:267–282, 2024 (IF: 3.9)
- Jong-Bin Lee, Jeong-Oh Shin, Sihoon Lee, Jin-Woo Kim. Enhancing Bone Regeneration and Osseointegration using rhPTH(1–34) and Dimeric R25CPTH(1–34) in an Osteoporotic Beagle Model. *eLife* 13:RP93830, 2024 (IF: 6.4)
- Minsoo Noh, Xiangguo Che, Xian Jin, Dong-Kyo Lee, Hyun-Ju Kim, Duri Park, Soo Young Lee, Hunsang Lee, Thomas J. Gardella, Je-Yong Choi, Sihoon Lee. Dimeric R25CPTH(1–34) Activates the Parathyroid Hormone–1 Receptor in vitro and Stimulates Bone Formation in Osteoporotic Female Mice. *eLife* 13:RP97579, 2024 (IF: 6.4)