

Wonbong Lim

Curriculum Vitae



Professor
Department of Premedical Sciences, School of Medicine, Chosun University, Korea

● Educational Background & Professional Experience

2014.04–Present	Professor, Department of Premedical Sciences, School of Medicine, Chosun University, Republic of Korea
2008.01–2013.11	Lab. Associate, Department of Oral Pathology, School of Dentistry, Chonnam National University, Republic of Korea
2007.03–2008.01	Postdoctoral fellow in Lab. of Oral Pathology, School of Dentistry, Chonnam National University, Republic of Korea
2004.03–2007.02	Ph.D., Department of Medical Engineering, Chonnam National University, Republic of Korea
2000.03–2002.02	M.S., Department of Material and Biologic Chemical Engineering, Chonnam National University, Republic of Korea
1994.03–1999.02	B.S., Department of Biologic Chemical Engineering, Chonnam National University, Republic of Korea

● Research Interests

- 1. Research and development of biological medications for osteoporosis treatment
- 2. Bone biology

● Publications

- 1. Beom Chang Kim, Yong Jin Cho, Yuria Jang, Kang Yeol Ko, Chang-Moon Lee and Wonbong Lim, Role of endosomal RANKL–LGR4 signaling during osteoclast differentiation, Journal of Molecular Medicine (2025) 103:339–354.
- 2. Wonbong Lim, LGR4 (GPR48): The Emerging Inter–Bridge in Osteoimmunology, Biomedicines (2025) 13, 607.
- 3. Yuria Jang, Yongjin Cho, Youngjong Ko, Yeonhee Moon, Chang–Moon Lee and Wonbong Lim, Advanced mutant receptor activator of nuclear factor kappa–B ligand development with low affinity for osteoprotegerin, Clinical and Translational Medicine, (2025) 15:e70195.
- 4. Beom Chang Kim, Gwangchul Lee, Yuria Jang, Dae Ok Kim,, Jiwoong Ju, Chang–Moon Lee and Wonbong Lim, Characterization of a spontaneous osteopetrosis model using RANKL–dysfunctional mice, Tissue and cell 88, 102412 (2024).
- 5. YURIA JANG, HYEONJOON LEE, YONGJIN CHO, EUNSEO CHO, SUENGHWAN JO, HONG MOON SOHN, BEOM CHANG KIM, YOUNG JONG KO and WONBONG LIM (Corresponding), An LGR4 agonist activates the GSK-3β pathway to inhibit RANK-RANKL signaling during osteoclastogenesis in bone marrow-derived macrophages, INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE 53(10), 1–14 (2024).