

Eun-Ju Chang

Curriculum Vitae



Professor
 Department of Biochemistry and Molecular Biology, Asan Medical Center, College of Medicine, University of Ulsan, Korea

Educational Background & Professional Experience

2020.9–Present	Professor, Department of Biochemistry and Molecular Biology, Asan Medical Center, University of Ulsan
2014.9–2020.8	Associate Professor, Department of Biochemistry and Molecular Biology, Asan Medical Center, University of Ulsan
2009.9–2014.8	Assistant Professor, Department of Biochemistry and Molecular Biology, Asan Medical Center, University of Ulsan
2008.9–2009.8	Research Associate, Medicine/Immunology and Rheumatology, Stanford University School of Medicine
2002.9–2008.2	Post–Doctoral Researcher and Assistant Professor, Department of Cell and Developmental Biology, College of Dentistry, Seoul National University
2002.8	Ph.D., Department of Biotechnology, Yonsei University

Research Interests

Immunology, Immunobiology of Bone and Metabolic Disease, Cancer Immunology

Publications

1. Yoon D, Choi B, Kim JE, Kim EY, Chung SH, Min HJ, Sung Y, Chang EJ*, Song JK*. Autotaxin inhibition attenuates the aortic valve calcification by suppressing inflammation–driven fibro–calcific remodeling of valvular interstitial cells. BMC Med. 2024
2. Choi B, Kim JE, Park SO, Kim EY, Oh S, Choi H, Yoon D, Min HJ, Kim HR, Chang EJ*. Sphingosine–1–phosphate hinders the osteogenic differentiation of dental pulp stem cells in association with AKT signaling pathways. Int J Oral Sci. 2022
3. Kwon OC, Choi B, Lee EJ, Park JE, Lee EJ, Kim EY, Kim SM, Shin MK, Kim TH, Hong S, Lee CK, Yoo B, William RH, Kim YG*, Chang EJ*. Negative Regulation of Osteoclast Commitment by Intracellular Protein Phosphatase Magnesium–Dependent 1A. Arthritis Rheumatol. 2020
4. Choi B, Lee S, Kim SM, Lee EJ, Lee SR, Kim DH, Jang JY, Kang SW, Lee KU, Chang EJ*, Song JK. Dipeptidyl Peptidase–4 Induces Aortic Valve Calcification by Inhibiting Insulin–like Growth Factor–1 Signaling in Valvular Interstitial Cells. Circulation. 2017
5. Chang EJ*, Ha J, Oerlemans F, Lee YJ, Lee SW, Kwak HB, Ryu J, Kim HJ, Lee Y, Kim HM, Kim JY, Shin CS, Park Y, Tanaka S, Wieringa B, Lee ZH, Kim HH*. Brain–type creatine kinase plays a critical role in osteoclast–mediated bone resorption. Nat Med. 2008