

Curriculum Vitae

Siyoung Yang

Associate Professor
Sungkyunkwan University



● Educational Background & Professional Experience

2023–Present	SKKU, Associate Professor
2016–2023	Ajou University School of Medicine, Assistant/Associate Professor
2013–2016	KRIBB, Researcher
2010–2013	Harvard Medical School, Post Doc
2005–2010	Ph.D., Department of Life Science, GIST
2003–2005	M.S., Department of Molecular Science, Chonnam National University
1995–2003	B.S., Department of Food Science & Technology, Chonnam National University

● Research Interests

Osteoarthritis
Autoimmune Diseases
Development of Therapeutic agent

● Publications

1. Jeon., et al. Blockade of Activin Receptor IIB Protects Arthritis Pathogenesis by Non-Amplification of Activin A-ACVR2B-NOX4 Axis Pathway. *Advanced Science*, 2023 (IF: 17.531)
2. Cho C., et al. Prussian blue nanozymes coated with pluronic attenuate inflammatory osteoarthritis by blocking c-Jun N-terminal kinase phosphorylation. *Biomaterials*, 2022 (IF: 15.304)
3. Cho C., et al. Fructose-Derived Levan Nanoparticles Protect Against Osteoarthritis by Directly Blocking CD44 Activation. *Small*, 2022 (IF: 15.153)
4. Sim HJ., et al. Augmented ERAD (ER-associated degradation) activity in chondrocytes is necessary for cartilage development and maintenance. *Science Advances*, 2022 (IF:14.972)
5. Kang L., et al. Self-Assembled Hyaluronic Acid Nanoparticles for Osteoarthritis Treatment. *Biomaterials*, 2021 (IF: 15.304)