

Curriculum Vitae

Seungwoo Han

Assistant Professor, Division of Rheumatology, Department of Internal Medicine
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● Educational Background & Professional Experience

1993–1999	M.D., Kyungpook National University, School of Medicine
2000–2003	M.S., Kyungpook National University, School of Medicine
2003–2011	Ph.D., Kyungpook National University, School of Medicine
1999–2000	Internship, Kyungpook National University Hospital (KNUH)
2000–2004	Residency, Department of Internal Medicine, KNUH
2008.4–2018.3	Faculty, Division of rheumatology, Department of Internal Medicine, Daegu Fatima Hospital, Daegu, Korea
2018.3–Present	Assistant professor, Division of rheumatology, Department of Internal Medicine, Kyungpook national university hospital, Daegu, Korea

● Research Interests

Dr. Han's research aims to understanding the molecular mechanisms of catabolic process in chondrocytes accompanied by degradation of extracellular matrix of cartilage, especially changes in metabolism of chondrocytes and subsequent oxidative stress.

● Publications

1. Han J, Park D, Park JY, Han S. Inhibition of NADPH Oxidases Prevents the Development of Osteoarthritis. *Antioxidants (Basel)*. 2022;11(12): 2346.
2. Han J, Cho HJ, Park D, Han S. DICAM in the Extracellular Vesicles from Astrocytes Attenuates Microglia Activation and Neuroinflammation. *Cells*. 2022;11(19): 2977.
3. Han S. Osteoarthritis year in review 2022: biology. *Osteoarthritis Cartilage*. 2022;30(12):1575–82.
4. Han S, Kim NR, Kang JW, Eun JS, Kang YM. Radial BMD and serum CTX-I can predict the progression of carotid plaque in rheumatoid arthritis: a 3-year prospective cohort study. *Arthritis Res Ther* 2021;23(1): 258.
5. Han MS, Jung YK, Kim GW, Han S. Transglutaminase-2 regulates Wnt and FoxO3a signaling to determine the severity of osteoarthritis. *Sci Rep* 2020;10(1): 13228.