

Curriculum Vitae

Jin-Hong Kim

Associate Professor
Seoul National University



● Educational Background & Professional Experience

2014–Present	SNU, Assistant, Associate Professor
2010–2014	GIST, Research Professor
2005–2010	Caltech, Ph.D
2001–2005	Univ of Minnesota, BS

● Research Interests

The pathogenesis of connective tissue diseases, Regenerative medicine, and Stem cell therapy

● Publications

1. Kang D*, Lee J*, Jung J, Carlson BA, Chang MJ, Chang CB, Kang SB, Lee BC, Gladyshev VN, Hatfield DL, Lee BJ#, and Kim JH# Selenophosphate synthetase 1 deficiency exacerbates osteoarthritis by dysregulating redox homeostasis. *Nature Communications*, 2022
2. Cho Y*, Kim HS*, Kang D, Kim H, Lee N, Yun J, Kim YJ, Lee KM, Kim J, Kim HR, Hwang YI, Jo CH, and Kim JH#. CTRP3 exacerbates tendinopathy by dysregulating tendon stem cell differentiation and altering extracellular matrix composition. *Science Advances*, 2021
3. Kim H*, Cho Y*, Kim HS, Cheon D, Kim YJ, Chang MJ, Lee KM, Chang CB, Kang SB, Kang HG and Kim JH# A system-level approach identifies HIF-2 α as a critical regulator of chondrosarcoma progression. *Nature Communications*, 2020
4. Kim S*, Han S*, Kim Y, Kim HS, Gu YR, Kang D, Cho Y, Kim H, Lee J, Seo Y, Chang MJ, Chang CB, Kang SB, and Kim JH# Tankyrase inhibition preserves osteoarthritic cartilage by coordinating cartilage matrix anabolism via effects on SOX9 PARylation. *Nature Communications*, 2019
5. Kang D*, Shin J*, Cho Y, Kim HS, Gu YR, Kim H, You KT, Chang MJ, Chang CB, Kang SB, Kim JS, Kim VN, and Kim JH# Stress-activated miR-204 governs senescent phenotypes of chondrocytes to promote osteoarthritis development. *Science Translational Medicine*, 2019