

Gi-Hoon Nam

Assistant Professor

Department of Biochemistry and Molecular Biology, Korea University College of Medicine, Korea

Curriculum Vitae



● Educational Background & Professional Experience

- 2022.09–Present Assistant Professor, Korea University College of Medicine
 2021.09–Present Chief Executive Officer, SHIFTBIO INC.
 2009–2021.08 Postdoctoral Fellow, Harvard Medical School and Dana–Farber Cancer Institute

● Research Interests

Natural Nanoparticle (NNP), Drug Delivery, *In silico* based NNP design

● Publications

1. Seohyun Kim, Yoon Kyoung Kim, Seonghyun Kim, Yong–Soon Choi, Inkyu Lee, Hyemin Joo, Jaehyun Kim, Minjeong Kwon, Seryoung Park, Min Kyoung Jo, Yoonjeong Choi, Theresa D’Souza, Jae Woong Jung, Elie Zakhem, Stephen Lenzini, Jiwan Woo, Hongyoon Choi, Jeongbin Park, Seung–Yoon Park, Gi Beom Kim[‡], Gi–Hoon Nam[‡], and In–San Kim[‡]. Dual–mode action of scalable, high–quality engineered stem cell–derived SIRPα–extracellular vesicles for treating acute liver failure. *Nature Communication* (2025)
[‡] Corresponding authors
2. Gi Beom Kim, Seonghyun Kim, Yeong Ha Hwang, Seohyun Kim, Inkyu Lee, Seong A Kim, Jiyoung Goo, Yoosoo Yang, Cherlhyun Jeong, Gi - Hoon Nam[‡], In - San Kim[‡]. Harnessing Oncolytic Extracellular Vesicles for Tumor Cell - Preferential Cytoplasmic Delivery of Misfolded Proteins for Cancer Immunotherapy. *Small* (2023) [‡] Corresponding authors
3. Gi–Hoon Nam*, Minsu Kwon*, Hanul Jung, Eunbyeol Ko, Seong A Kim, Yoonjeong Choi, Su Jeong Song, Seohyun Kim, Yeji Lee, Gi Beom Kim, Jihoon Han, Jiwan Woo, Yakdol Cho, Cherlhyun Jeong, Seung–Yoon Park, Thomas M Roberts, Yong Beom Cho, In–San Kim. Statin–mediated inhibition of RAS prenylation activates ER stress to enhance the immunogenicity of KRAS mutant cancer. *Journal for ImmunoTherapy of Cancer* (2021) * Contributed equally to this work
4. Gi Beom Kim*, Gi–Hoon Nam*, Yeonsun Hong, Jiwan Woo, Yakdol Cho, Ick Chan Kwon, Yoosoo Yang, In–San Kim. Xenogenization of tumor cells by fusogenic exosomes in tumor microenvironment ignites and propagates anti–tumor immunity. *Science Advances* (2020) * Contributed equally to this work