Minjun Kang

1. Contact

- a. Homepage: https://kangmj0128.github.io/;
  b. E-mail:mj@noahs-farm.xyz;
  c. Linkedin;

2. Career

- **NOAH'S FARM PTE. LTD.** **Triple One Somerset, Singapore**
  Co-Founder, CTO (Chief Technology Officer) April 2025-Present
  a. Noah's Farm has developed and is advancing proprietary AI models.
  "N-Palette" and "N-Block" that predict and generate novel flavor molecules.
  b. Raised KRW 4 billion (Pre-seed) from Sazze Partners (Silicon Valley) and Company K Partners (Korea).
  c. Homepage
- **Seoul National University Hospital** **Seoul, KR**
  Biomedical Researcher (Department of Cardiovascular) July 2020-February 2025
  -Computer Sciences
  a. Generation of Ligands about GPCR, target of Stem cell Therapeutics using generative AI
  -Stem Cell Biology
  a. Advanced Cardiac Differentiation Protocols: Mouse Embryonic & Human-induced Pluripotent Stem Cell (iPSC) Systems
  b. Preservation Techniques for Pluripotent Human-iPSC and Mouse Embryonic Stem Cells
  c. Lenti-viral Overexpression Vector Development
  d. Creation of Conditional Knockout Transgenic Mouse
- **Stealth Startup** **Seoul, KR**
  Founder February 2023-March 2024
  a. Responsible for nurturing the sustainable cultured meat.
  b. Selected as a finalist (Topic: Cultured Meat) in the National Development Project organized by the Korean Chamber of Commerce and Industry (2021)

3. Education

- **Seoul National University** **Seoul, KR**
  Ph.D. in Medicine, (PI: Hyun-Jai Cho) September 2024-2027(To be Conferred)
  a. Korea National R&D Excellence 100 in 2025
  b. Top 5 Medical R&D among Korea's Top 30 Healthcare Research in 2025
  c. Full Tuition Ph.D. Scholarship by the Kwanak Foundation of SNU
  d. Studied research on generative AI models for discovering heart-specific ligands.
- **Seoul National University** **Seoul, KR**
  Master of Science in Medicine, (PI: Hyo-Soo Kim) September 2020-August 2024
  a. Graduated with **Valedictorian,** recognized for academic excellence.
  b. Received the Excellent Thesis Honor.
  c. Studied the mechanism of a GPCR with potential as a target for gene and stem cell therapies.
- **CHA University** **Seongnam, KR**
  a. Bachelor of Science, Department of Bio Medical Science (Stem Cell Biology) March 2012-February 2018

4. Honor

a. **Korea National R&D Excellence 100** (Ministry of Science and ICT(MSIT), 2025)
(Elucidating the Pathogenic Mechanisms of Dilated Cardiomyopathy: Establishing a Foundational Platform Technology for the Development of Therapeutics for Refractory Heart Failure, PI: Hyo-Soo Kim)

b. **Top 5 Medical R&D among Korea's Top 30 Healthcare Research** (Korea Health Industry Development Institute (KHIDI), 2025)
(Elucidating the Pathogenic Mechanisms of Dilated Cardiomyopathy: Establishing a Foundational Platform Technology for the Development of Therapeutics for Refractory Heart Failure, PI: Hyo-Soo Kim)

c. **Excellent Thesis Honor** (Seoul National University, 2024)

d. **Excellent Paper Honor** (Basic Science Society of the Korean Heart Association, 2024)

e. **Registered in Han Bit Sa** (Biological Research Information Center (BRIC), 2024)
   a. Interview LINK

5. Research

Reviewer

a. Peer Reviewer for Q1 Journals (Springer Nature)
Medicine
- Scientific Reports, European Journal of Medical Research, BMC series (Health Services Research, Endocrine Disorders, Pregnancy and Childbirth, Geriatrics)

Food Science and Technology
- npj Science of Food, European journal of nutrition, Nutrition Journal, Nutrition & Metabolism

First Author

a. ***Minjun Kang*****,** Choon-Soo Lee, HyunJu Son, Jeongha Lee, Jaewon Lee, Hyun Ju Seo, Moo-kang Kim, Murim Choi, Hyun-Jai Cho, and Hyo-Soo Kim. Latrophilin-2 deletion in cardiomyocyte disrupts cell junction, leading to D-CMP -***Circulation Research*** **(IF 23.219, 2024, Top-ranked journal in Cardiovascular research)**

Co-Author

a. Jeehoon Kang, Hyun Ju Seo, HyunJu Son, ***Minjun Kang***, Jaewon Lee, Eun Ju Lee, Hyun-Jai Cho, Hyo-Soo Kim. Newly-engineered angiopoietin-1 as a cell-priming agent for CVD - ***Cellular and Molecular Life Sciences*** **(IF 6.2, 2025)**

b. Jin-Woo Lee, Choon-Soo Lee, HyunJu Son, Jaewon Lee, ***Minjun Kang***, Jinho Chai, Hyun-Jai Cho, Hyo-Soo Kim. SOX17-mediated LPAR4 expression plays a pivotal role in cardiac development and regeneration after myocardial infarction -***Experimental & Molecular Medicine*** **(IF 12.153, 2023)**

c. Choon-Soo Lee, Hyun-Jai Cho, Jin-Woo Lee, Hyun Ju Son, Jaewon Lee, ***Minjun Kang***, Hyo-Soo Kim. The G Protein-Coupled Receptor Latrophilin-2, A Marker for Heart Development, Induces Myocardial Repair After Infarction -***Stem Cell Translational Medicine*** **(IF 6. 94, 2022**)

6. Scholarship (Total USD 17,700, 20-26)

a. Full Tuition PhD Scholarship by the Gwanak Foundation of Seoul National University
b. BK21 Scholarship by the Seoul National University

7. Member & Certificate

a. AHA (American Heart Association) **Professional Member**
b. CS50**:** Introduction to Computer Science **(Harvard University)**
c. AChemS (Association for Chemoreception Sciences) **Member**