Stanford

# Min Kyung Lee

Postdoctoral Scholar, Cardiovascular Institute

## Bio

### HONORS AND AWARDS

- FAOBMB Young Scientist Program Fellowship, FAOBMB (2025)
- Best Poster Presentation Award, KSMCB annual conference of ribonucleic acid research (2024)
- Excellence Award for Poster Presentation, KSMCB International Conference (2023)
- ASAN Scholarship for Biomedical Sciences, ASAN Foundation (2022-2023)
- Excellence Award for Poster Presentation, KSMCB annual symposium of Epigenetics (2022)
- Ewha Best Graduate Student Scholarship, Ewha Womans University (2019-2021)
- Valedictorian, College of Natural Sciences, Ewha Womans University (2019)
- Best Poster Presentation Award (Bachelor's thesis), Ewha Womans University (2018)
- National Science & Technology Scholarship, Korea Student Aid Foundation (2017-2019)
- Academic Excellence Scholarship, Ewha Womans University (2015-2019)

### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Ewha Womans University (2025)
- Bachelor of Science, Ewha Womans University (2019)

### STANFORD ADVISORS

- Han Zhu, Postdoctoral Faculty Sponsor

### PATENTS

- "South Korea Patent 2259695 Novel biomarker for predicting anticancer drug sensitivity in colorectal cancer", May 27, 2021
- "South Korea Patent 2216943 Biomarker composition for diagnosing liver cancer", Feb 10, 2021

## Publications

### PUBLICATIONS

- **Nutrient starvation-induced Hda1C rewiring: coordinated regulation of transcription and translation.** *Nucleic acids research*
  Lee, M. K., Kang, B., Shin, M. K., Kim, Y. K., Kim, H. Y., Lee, S. Y., Roh, T. Y., Kim, T.
  2025; 53 (7)
- **Context-Dependent and Locus-Specific Role of H3K36 Methylation in Transcriptional Regulation.** *Journal of molecular biology*
  Lee, M. K., Park, N. H., Lee, S. Y., Kim, T.
  2025; 437 (1): 168796

- **Core promoter activity contributes to chromatin-based regulation of internal cryptic promoters.** *Nucleic acids research*
  Lee, B. B., Woo, H., Lee, M. K., Youn, S., Lee, S., Roe, J. S., Lee, S. Y., Kim, T.
  2021; 49 (14): 8097-8109
- **Histone H4-Specific Deacetylation at Active Coding Regions by Hda1C.** *Molecules and cells*
  Lee, M. K., Kim, T.
  2020; 43 (10): 841-847
- **Transcription-dependent targeting of Hda1C to hyperactive genes mediates H4-specific deacetylation in yeast.** *Nature communications*
  Ha, S. D., Ham, S., Kim, M. Y., Kim, J. H., Jang, I., Lee, B. B., Lee, M. K., Hwang, J. T., Roh, T. Y., Kim, T.
  2019; 10 (1): 4270