

Name, Degree

Position: Associate Professor

Department: Biochemistry & Molecular Biology

Affiliation: Seoul National University College of Medicine

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Homepage: <https://sites.google.com/view/protein-dynamics-laboratory/>**Education**

1993.03-2000.02	B.S.	Seoul National University, Chemistry (1995-1997, served in the ROK Army)
2000.03-2002.02	M.S.	Seoul National University, Chemistry
2002.09-2007.08	Ph.D.	University of Pittsburgh School of Pharmacy, Biochemistry

Professional Experience

2007.09-2011.02	Research Fellow	Harvard Medical School, Dept. Cell Biology
2011.03-2015.02	Assistant Professor	Kyung Hee University, Dept. Applied Chemistry
2015.03- present	Assistant/Associate Professor	Seoul National University College of Medicine, Dept. Biochemistry and Molecular Biology

Academic Society

2011.03- present	Member	KCS, KSBMB, KSMCB
2017.03- present	Member	The Pharmaceutical Society of Korea
2021.09- present	Member	The Organoid Society

Publications

- Kim, J. H., Lee, J., Choi, W. H., Park, S., Park, S. H., Lee, J. H., Lim, S. M., Mun, J. Y., Cho, H.-S., Han, D., Suh, Y. H. & Lee, M. J. "CHIP-mediated hyperubiquitylation of tau promotes its self-assembly into insoluble tau filaments" *Chem Science* 12,5599-5610 (2021)
- Choi, W. H., Yun, Y., Park, S., Jeon, J. H., Lee, J., Yang, S., Jung, C. H., Lee, J. H., Kim, N.-K., Kwon, Y. T., Han, D., Lim, S. M. & Lee, M. J., "Aggresomal sequestration and STUB1-mediated ubiquitination during mammalian proteaphagy of inhibited proteasomes" *Proc Natl Acad Sci USA* doi: 10.1073/pnas.1920327117 (2020)
- Lee, J. H., Park, S., Kim, E. & Lee, M. J. "Negative-Feedback Coordination between Proteasomal Activity and Autophagic Flux" *Autophagy* 15, 726-728 (2019)
- Kim, E., Park, S., Lee, J. H., Mun, J.Y., Choi, W. H., Yun, Y., Lee, J., Kim, J. H., Kang, M.-J. & Lee, M. J. "Dual function of USP14 deubiquitinase in cellular proteasomal activity and autophagic flux" *Cell Rep* 24, 732-743 (2018)
- Choi, T. S., Lee, J., Han, J. Y., Chung, B. C., Wonkongkathep, P., Loo, J. A., Lee, M. J.* & Kim, H. I.* "Supramolecular modulation of structural polymorphism in pathogenic a-synuclein fibrils using Cu(II) coordination" *Angew Chem Int Ed* 57, 3099-3103 (2018) (*co-corresponding author)
- Choi, W. H., de Poot, S., Lee, J. H., Kim, J. H., Han, D. H., Kim, Y. K., Finley, D. & Lee, M. J. "Open-gate mutants of the mammalian proteasome show enhanced ubiquitin-conjugate degradation" *Nat Commun* 7, 10963 (2016)