

Jung-Min Kee, Ph.D.

Assistant Professor

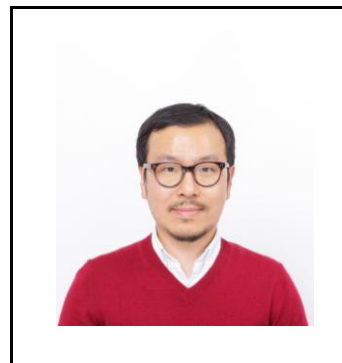
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Education

2001.09-2007.12	Ph.D.	Department of Chemistry, Stanford University (advisor : Prof. Paul A. Wender)
1994.03-1998.08	B.S.	Department of Chemistry, KAIST

Professional Experience

2008 - 2014	Damon Runyon Postdoctoral Fellow	Princeton University and The Rockefeller University (Tom Muir lab)
2014.08-present	Assistant Professor	Department of Chemistry, UNIST, Ulsan, Korea

Publications

- Kee JM, Oslund RC, Couvillon AD, Muir TW “A Second-Generation Phosphohistidine Analog for Production of Phosphohistidine Antibodies” *Org. Lett.* 2015, 17, 187-189.
- Oslund RC†, Kee JM†, Couvillon AD, Bhatia V, Perlman DH, Muir TW “A Phosphohistidine Proteomics Strategy Based on Elucidation of a Unique Gas-phase Phosphopeptide Fragmentation Mechanism”, *J. Am. Chem. Soc.* 2014, 136, 12899–12911. (†Co-first authors)
- Kee JM, Oslund RC, Perlman DH, Muir, TW* “A Pan-specific Antibody for Direct Detection of Protein Histidine Phosphorylation”, *Nat. Chem. Biol.*, 2013, 9, 416–421.
- Kee JM, Muir TW* “Chasing Phosphohistidine, An Elusive Sibling in the Phosphoamino Acid Family”, *ACS Chem. Biol.* 2012, 7, 44-51. (Invited review)
- Kee JM, Villani B, Carpenter LR, Muir TW* “Development of Stable Phosphohistidine Analogues” *J. Am. Chem. Soc.* 2010, 132, 14327-14329.
- Wender PA*, Kee JM, Warrington JM. “Practical Synthesis of Prostratin, DPP, and their Analogs, Adjuvant Leads against Latent HIV” *Science*, 2008, 320, 649-652.