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Education

2015.09-current	Integrated M.S. / Ph.D.	School of Interdisciplinary Bioscience and Bioengineering, POSTECH, Pohang
2011.03-2015.08	B.S.	Department of system biotechnology, Konkuk University, Seoul

Professional Experience

2015.09-current	Research assistant	Center for Self-assembly and Complexity, POSTECH campus, IBS (Advisor: Prof. Kimoon Kim)
2016.01-2016.07	Research assistant	Department of Life Science, POSTECH (Advisor: Prof. Cheol-Sang Hwang)

Academic Society**Publications**

1. **J. Sim**, A. Lee, D. Kim, K. L. Kim, B. -J. Park, K. M. Park*, K. Kim*, Bio-orthogonal supramolecular fishing with proximity chemical tagging uncovers proteins associated with laminopathic disease. *In revision*
2. G. Sung, S.-Y. Lee, M.-G. Kang, K. L. Kim, J. An, **J. Sim**, S. Kim, S. Kim, J. Ko, H.-W. Rhee*, K. M. Park* and K. Kim*, Supra-blot: an accurate and reliable assay for detecting target proteins with a synthetic host molecule–enzyme hybrid. *Chem. Commun.* **2020**, 56, 1549.
3. K. L. Kim⁺, G. Sung⁺, **J. Sim**, J. Murray, M. Li, A. Lee, A. Shrinidhi, K. M. Park and K. Kim, Supramolecular latching system based on ultrastable synthetic binding pairs as versatile tools for protein imaging. *Nat. Commun.* **2018**, 9, 1712. (+ Equal contribution)
4. J. Murray⁺, **J. Sim**⁺, K. Oh, G. Sung, A. Lee, A. Shrinidhi, A. Thirunarayanan, D. Shetty* and K. Kim*, Enrichment of specifically labeled proteins by an immobilized host molecule. *Angew. Chem. Int. Ed.* **2017**, 56, 2395-2398. (+ Equal contribution)