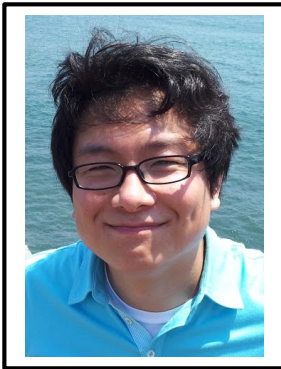


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**Research interest :** Cancer genomics and single-cell genomics

### Educational Experience

2003 B.S. in Biological Sciences, Seoul National University, Korea  
2005 M.S. in Bioinformatics, KAIST, Korea  
2011 Ph.D. in Biochemistry, University of Cambridge, UK

### Professional Experience

2011-2016 Research Fellow, Department of Biomedical Informatics, Harvard Medical School, USA  
2016-Current Assistant Professor, School of Life Sciences, UNIST, Korea

### Selected Publications

1. Ji Hoon Phi, Ae Kyung Park, Semin Lee, Seung Ah Choi, In-Pyo Baek, Pora Kim, Eun-Hye Kim, Hee Chul Park, Byung Chul Kim, Jong Bhak, Sung-Hye Park, Ji Yeoun Lee, Kyu-Chang Wang, Dong-Seok Kim, Kyu Won Shim, Se Hoon Kim, Chae-Yong Kim, Seung-Ki Kim Genomic analysis reveals secondary glioblastoma after radiotherapy in a subset of recurrent medulloblastomas, *Acta Neuropathologica*, 2018, Jun;135(6):939-953.
2. Cancer Genome Atlas Research Network. Integrated genomic and molecular characterization of cervical cancer. *Nature*. 2017 Jan 23.
3. Xi R, Lee S, Xia Y, Kim TM, Park PJ. Copy number analysis of whole-genome data using BIC-seq2 and its application to detection of cancer susceptibility variants. *Nucleic Acids Res*. 2016 Jul 27;44(13):6274-86.
4. Lodato MA, Woodworth MB, Lee S, Evrony GD, Mehta BK, Karger A, Lee S, Chittenden TW, Cai X, Luquette LJ, Lee E, Park PJ, Walsh CA. Mosaic Mutations Trace Developmental and Transcriptional Histories of Single Human Neurons. *Science*. 2015 Oct 2;350(6256):94-8.
5. Cancer Genome Atlas Research Network. Comprehensive molecular characterization of human colon and rectal cancer. *Nature*. 2012 Jul 18;487(7407):330-7.