

BIOGRAPHICAL SKETCH

NAME Hansoo Park	POSITION TITLE Assistant Professor (Gwangju Institute of Science and Technology) CEO and CTO (Genome and Company)		
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Seoul National University College of Medicine, Korea	M.D.	1998	Medicine
Seoul National University Graduate school of Medicine, Korea	M.S.	2001	Biochemistry
Seoul National University Graduate school of Medicine, Korea	Ph.D.	2007	Biochemistry

A. Positions and Honors Positions

Position

- 2016 - Present: Assistant Professor, Gwangju Institute of Science and Technology, Korea CEO and CTO, Genome and Company, Korea
- 2013 - 2016: Senior Researcher, The Jackson Laboratory for Genomic Medicine, Farmington, CT, USA
- 2009 - 2013: Research Associate in Pathology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA
- 1998 - 1999: Clinical doctor, Seoul National University Hospital, Korea

Honors

Outstanding young faculty member, International Genetic society meeting, Turin, Italy (2007)

B. PEER-REVIEWED PUBLICATIONS

1. Sung-Yup Cho, Chang Ohk Sung, Jeosoo Chae, Jieun Lee, Deukchae Na, Wonyoung Kang, Jinjoo Kang, Seoyeon Min, Ahra Lee, Eunhye Kwak, Jooyoung Kim, Boram Choi, Hyunsoo Kim, Jeffrey H. Chuang, Hyo-Kyung Pak, Chan-Sik Park, Sanghui Park, Young Hye Ko, Dakeun Lee, Jin Roh, Min-Sun Cho, Seongyeol Park, Young Seok Ju, Yun-Suhk Suh, Seong-Ho Kong, Hyuk-Joon Lee, James Keck, Banchereau, Edison T. Liu, Woo-Ho Kim, Hansoo Park, Han-Kwang Yang, Jong-Il Kim and Charles Lee. Alterations in the Rho pathway contribute to Epstein-Barr virus-induced lymphomagenesis in immunosuppressed environments. Blood. 2018 :blood-2017-07-797209
2. Sung-Yup Cho, Jee Yun Han, Deukchae Na, Wonyoung Kang, Ahra Lee, Jooyoung Kim, Jieun Lee, Seoyeon Min, Jinjoo Kang, Jeosoo Chae, Jong-Il Kim, Hansoo Park*, Won-Suk Lee, Charles Lee. A novel combination treatment targeting BCL-XL and MCL1 for KRAS/BRAF-mutated and BCL2L1-amplified colorectal cancers. Molecular Cancer Therapeutics. 2017; Oct;16(10):2178-2190.
3. Sung-Yup Cho, Changho Park, Deukchae Na, Jee Yun Han, Jieun Lee, Ok-Kyoung Park, Chengsheng Zhang, Chang Ohk Sung, Hyo Eun Moon, Yona Kim, Jeong Hoon Kim, Jong Jae Kim, Shin Kwang Khang, Do-Hyun

- Nam, Jung Won Choi, Yeon-Lim Suh, Dong Gyu Kim, Sung Hye Park, Hyewon Youn, Kyuson Yun, Jong-II Kim, Charles Lee, Sun Ha Paek, Hansoo Park*. High prevalence of TP53 mutations is associated with poor survival and an EMT signature in gliosarcoma patients. *Experimental & Molecular Medicine*. 2017; Apr 14;49(4):e317.
4. Sung-Yup Cho, Wonyoung Kang, Jee Yun Han, Jee Young Kwon, Charles Lee, Hansoo Park*. An Integrative Approach to Precision Cancer Medicine Using Patient-Derived Xenografts. *Molecules and Cells*. 2016; 39(1)1.
 5. Hansoo Park, Sung-Yup Cho, Hyerim Kim, Deukchae Na, Jee Yun Han, Jeessoo Chae, Changho Park, Ok-Kyoung Park, Seoyeon Min, Jinjoo Kang, Boram Choi, Jimin Min, Yun-Suhk Suh, Seong-Ho Kong, Hyuk-Joon Lee, Edison Liu, Jong-II Kim, Sunghoon Kim, Han-Kwang Yang, Charles Lee, et al. Genomic alterations in BCL2L1 and DLC1 contribute to drug sensitivity in gastric cancer. *Proceedings of National Academy of Sciences*. 2015; Oct 6;112(40):12492-7.
 6. Dong-Sung Lee, Jong-Yeon Shin, Peter D. Tonge, Mira C. Puri, Seungbok Lee, Hansoo Park, et al. An epigenomic roadmap to induced pluripotency reveals DNA methylation as a reprogramming modulator. *Nature communications*. 2014;5:5619.
 7. Hansoo Park, Dohoon Kim, Chun-Hyung Kim, Ryan E. Mills, Mi-Yoon Chang, Rebecca Cheryl Iskow, et al. Increased genomic integrity of an improved protein-based mouse induced pluripotent stem cell method compared with current viral-induced strategies. *Stem cells translational medicine*. 2014;3(5):599-609.
 8. Hansoo Park, Hyun-Jin Kim, Seungbok Lee, Yun Joo Yoo, Young Seok Ju, Jung Eun Lee, et al. A family-based association study after genome-wide linkage analysis identified two genetic loci for renal function in a Mongolian population. *Kidney international*. 2013;83(2):285-92.
 9. Hansoo Park, Seungbok Lee, Hyun-Jin Kim, Young Seok Ju, Jong-Yeon Shin, Dongwan Hong, et al. Comprehensive genomic analyses associate UGT8 variants with musical ability in a Mongolian population. *Journal of medical genetics*. 2012;49(12):747-52.
 10. Young Seok Ju, Jong-II Kim, Sheehyun Kim, Dongwan Hong HP, Jong-Yeon Shin, Seungbok Lee, Hansoo Park, et al. Extensive genomic and transcriptional diversity identified through massively parallel DNA and RNA sequencing of eighteen Korean individuals. *Nature genetics*. 2011;43(8):745-52.
 11. Dongwan Hong, Sung-Soo Park, Young Seok Ju, Sheehyun Kim, Jong-Yeon Shin, Sujung Kim, Hansoo Park, et al. TIARA: a database for accurate analysis of multiple personal genomes based on cross-technology. *Nucleic acids research*. 2011;39(Database issue):D883-8.
 12. Young Seok Ju, Dongwan Hong, Sheehyun Kim, Sung-Soo Park, Sujung Kim, Seungbok Lee, Hansoo Park, et al. Reference-unbiased copy number variant analysis using CGH microarrays. *Nucleic acids research*. 2010;38(20):e190.
 13. Andy W Pang, Jeffrey R MacDonald, Dalila Pinto, John Wei, Muhammad A Rafiq, Donald F Conrad, Hansoo Park, et al. Towards a comprehensive structural variation map of an individual human genome. *Genome biology*. 2010;11(5):R52.
 14. Hansoo Park, Jong-II Kim, Young S. Ju, Omer Gokcumen, Ryan E. Mills, Sheehyun Kim, et al. Discovery of common Asian copy number variants using integrated high-resolution array CGH and massively parallel DNA sequencing. *Nature genetics*. 2010;42(5):400-5.