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Education

2003.09-2006.08	Ph.D.	The Interdisciplinary Program in Genetic Engineering, Seoul Nat'l Univ.
1998.03-2000.02	M.Sc	Dept. of Chemistry, Seoul Nat'l Univ.
1994.03-1998.02	B.Sc	Dept. of Chemistry, Seoul Nat'l Univ.

Professional Experience

2015.04 ~	Assistant Professor	Graduate School of Cancer Science and Policy
2013.03 ~	Senior Scientist	Research Institute, National Cancer Center
2006.09 ~ 2013.02	Post Doc / Researcher	Seoul National Univ. College of Medicine

Academic Society

2014.01 ~	Associate Editor	Experimental & Molecular Medicine (IF=3.446), Korean Society for Biochemistry and Molecular Biology
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Publications (Selected)

- Kim H*, Jang H* (Co-first), Kim TW, Kang BH, Lee SE, Jeon YK, Chung DH, Choi J, Shin J, Cho EJ, Youn HD. Core Pluripotency Factors Directly Regulate Metabolism in Embryonic Stem Cell to Maintain Pluripotency. *Stem Cells* **2015** Sep;33(9):2699-711.
- Kim TW, Kang BH, Jang H, Kwak S, Shin J, Kim H, Lee SE, Lee SM, Lee JH, Kim JH, Kim SY, Cho EJ, Kim JH, Park KS, Che JH, Han DW, Kang MJ, Yi EC, Youn HD. Ctbp2 Modulates NuRD-Mediated Deacetylation of H3K27 and Facilitates PRC2-Mediated H3K27me3 in Active ESC Genes during Exit from Pluripotency. *Stem Cells* **2015** Aug;33(8):2442-55.
- Boo K, Bhin J, Jeon Y, Kim J, Shin HJ, Park JE, Kim K, Kim CR, Jang H, Kim IH, Kim V.N, Hwang D, Lee H, Beak SH. Pontin Functions as an Essential Coactivator for Oct4-Dependent LincRNA expression in Mouse Embryonic Stem Cells. *Nature Comm.* **2015** Apr 10;6:6810.
- Lee JH, Kang BH, Jang H, Kim TW, Choi J, Kwak S, Han J, Cho EJ, Youn HD. AKT phosphorylates H3-threonine 45 to facilitate termination of gene transcription in response to DNA damage. *Nucleic Acids Res.* **2015** May 19;43(9):4505-16.
- Jang H*, Kim TW*, Yoon S, Choi SY, Kang TW, Kim SY, Kwon YW, Cho EJ, Youn HD. GlcNAc Regulates Pluripotency and Reprogramming by Directly Acting on Core Components of the Pluripotency Network. *Cell Stem Cell.* **2012** Jul 6;11(1):62-74.
- Jang H, Choi SY, Cho EJ, Youn HD. Cabin1 restrains p53 activity on chromatin. *Nat Struct Mol Biol.* **2009** Sep;16(9):910-5.