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Education

2007-2015	M.S. & Ph.D.	Department of Functional Genomics University of Science and Technology (UST), Daejeon, Korea
1994-2002	B.S.	Department of Biological Sciences Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea

Professional Experience

2021-present	Assistant Professor of R&D Business Foundation	Department of Cancer Biomedical Science Graduate School of Cancer Science and Policy, National Cancer Center (NCC), Goyang, Korea
2019-2021	Researcher	Cancer Proteogenomic Analysis Consortium Research Institute, National Cancer Center (NCC), Goyang, Korea
2017-2019	Postdoctoral Fellow	Personalized Genomic Medicine Research Center Korea Research Institute of Bioscience and Biotechnology (KRIBB), Daejeon, Korea
2013-2016	Postdoctoral Fellow	Specific Organs Cancer Branch Research Institute, National Cancer Center (NCC), Goyang, Korea
2007-2013	Research Student	Medical Genomics Center Korea Research Institute of Bioscience and Biotechnology (KRIBB), Daejeon, Korea
2004-2006	Technical Employee	Korean Bioinformation Center (KOBIC) Korea Research Institute of Bioscience and Biotechnology (KRIBB), Daejeon, Korea

Academic Society

Publications

1. **Park SM**, Seo EH, Bae DH, Kim SS, Kim J, Lin W, Kim KY, Park JB, Kim YS, Yin JL, Kim SY, Phosphoserine Phosphatase Promotes Lung Cancer Progression through the Dephosphorylation of IRS-1 and a Noncanonical L-Serine-Independent Pathway, *Mol Cells*. 42(8):604-616, 2019
2. **Park SM**, Choi EY, Bae DH, Sohn HA, Kim SY, Kim YJ, The LncRNA EPEL Promotes Lung Cancer Cell Proliferation Through E2F Target Activation, *Cellular Physiology and Biochemistry*. 45(3):1270-1283, 2018
3. **Park SM**, Choi EY, Bae MG, Choi JK, Kim YJ, A long-range interactive DNA methylation marker panel for the promoters of HOXA9 and HOXA10 predicts survival in breast cancer patients. *Clinical Epigenetics*. 24;9:73, 2017
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5. **Park SM**, Choi EY, Bae MG, Kim SS, Park JB, Yoo H, Choi JK, Kim YJ, Lee SH, Kim IH. Histone variant H3F3A promotes lung cancer cell migration through intronic regulation. *Nature Communications* 7:12914, 2016
6. Park JL, **Park SM**, Kwon OH, Lee HC, Kim JY, Seok HH, Lee WS, Lee SH, Kim YS, Woo KM, Kim SY. Microarray screening and qRT-PCR evaluation of microRNA markers for forensic body fluid identification. *Electrophoresis* 35:3062-3068, 2014
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8. **Park SM**, Park SJ, Kim HJ, Kwon OH, Kang TW, Sohn HA, Kim SK, Moo Noh S, Song KS, Jang SJ, Sung Kim Y, Kim SY, A known expressed sequence tag, BM742401, is a potent lincRNA inhibiting cancer metastasis. *Experimental & molecular medicine* 45:e31, 2013
9. Baek SJ, Yang S, Kang TW, **Park SM**, Kim YS, Kim SY, MENT: methylation and expression database of normal and tumor tissues. *Gene* 518:194-200, 2013
10. **Park SM**, Park SY, Kim JH, Kang TW, Park JL, Woo KM, Kim JS, Lee HC, Kim SY, Lee SH, Genome-wide mRNA profiling and multiplex quantitative RT-PCR for forensic body fluid identification. *Forensic Science International: Genetics* 7:143-150, 2013
11. Park YK, **Park SM**, Choi YC, Lee D, Won M, Kim YJ, AsiDesigner: exon-based siRNA design server considering alternative splicing. *Nucleic Acids Research* 36:W97-103, 2008
12. Han A, Kim WY, **Park SM***. SNP2NMD: a database of human single nucleotide polymorphisms causing nonsense-mediated mRNA decay. *Bioinformatics*. 23(3):397-9, 2007