



# Korean Cancer Association

Curriculum Vitae	
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Education	
<ul style="list-style-type: none"> <li>• 1979 College of Pharmacy, Seoul National University (BS)</li> <li>• 1982 Korea Advanced Institute of Science &amp; Technology (KAIST; MS)</li> <li>• 1991 Department of Zoology, University of Texas at Austin, USA (Ph.D)</li> <li>• 1994 Gene Expression Program, European Molecular Biology Laboratory (EMBL; Post-doctorate)</li> </ul>	
Professional Experience	
<ul style="list-style-type: none"> <li>• 1994 – present Korea Research Institute of Bioscience &amp; Biotechnology (KRIBB) (Principal Investigator)</li> <li>• 2012 – 2015 KRIBB (General Director, Ochang Branch Institute)</li> <li>• 2015 – 2017 KRIBB (Vice president)</li> <li>• 2005 – present KRIBB School, Korea University of Science &amp; Technology (Professor, School Representative)</li> </ul>	
<ol style="list-style-type: none"> <li>1. Jung Y, Jang YJ, Kang MH, Park YS, Oh SJ, Lee DC, Xie Z, Yoo HS, Park KC, Yeom YI. (2013) Metabolic signature genes associated with susceptibility to Pyruvate kinase, muscle type 2 gene ablation in cancer cells. <i>Mol Cells</i>. 35(4):335-341.</li> <li>2. Sang-Hyun Min, Kyung Chan Park, and Young Il Yeom (2014) Chotosan-mediated Non-viral Gene Delivery with Improved Serum Stability and Reduced Cytotoxicity, <i>Biotechnology and Bioprocess Engineering</i>. 19, 1077-1082.</li> <li>3. Kim TW, Kang YK, Park ZY, Kim YH, Hong SW, Su JO, Sohn HA, Yang SJ, Jang YJ, Lee DC, Kim SY,</li> </ol>	

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- Yoo HS, Kim E, Yeom YI\*, Park KC\*. (2014) SH3RF2 Functions as an Oncogene by Mediating PAK4 Protein Stability. *Carcinogenesis*. (\*co-correspondence) 35(3):624-634.
4. Kim DJ, Park YS, Kim ND, Min SH, You YM, Jung Y, Koo H, Noh H, Kim JA, Park KC, Yeom YI. (2015) A Novel Pyruvate Kinase M2 Activator Compound that Suppresses Lung Cancer Cell Viability under Hypoxia. *Mol. Cells*. 38(4): 373~379.
5. Dong Chul Lee, Hyun Ahm Sohn, Zee-Yong Park, Sangho Oh, Yun Kyung Kang, Kyoung-min Lee, Minho Kang, Ye Jin Jang, Suk-Jin Yang, Young Ki Hong, Hanmi Noh, Jung-Ae Kim, Dong Joon Kim, Kwang-Hee Bae, Dong Min Kim, Sang J. Chung, Hyang Sook Yoo, Dae-Yeul Yu, Kyung Chan Park, and Young Il Yeom (2015) A Lactate-Induced Response to Hypoxia. *Cell*. 161(3):595-609.
6. Park KC, Lee DC, Yeom YI. (2015) NDRG3-Mediated Lactate Signaling in Hypoxia. *BMB Rep.*, 48, 301-302.
7. Kim DJ, Park YS, Kang MG, You YM, Jung Y, Koo H, Kim JA, Kim MJ, Hong SM, Lee KB, Jang JJ, Park KC, Yeom YI. (2015) Pyruvate kinase isoenzyme M2 is a therapeutic target of gemcitabine-resistant pancreatic cancer cells. *Exp Cell Res.*, 336(1):119-29.
8. Park YS, Kim DJ, Koo H, Jang SH, You YM, Cho JH, Yang SJ, Yu ES, Jung Y, Lee DC, Kim JA, Park ZY, Park KC, Yeom YI. (2016) AKT-induced PKM2 phosphorylation signals for IGF-1-stimulated cancer cell growth. *Oncotarget*, 7, 48155-48167.
9. Yang SJ, Park YS, Cho JH, Moon B, Ahn HJ, Lee JY, Xie Z, Wang Y, Pocalyko D, Lee DC, Sohn HA, Kang M, Kim JY, Kim E, Park KC, Kim JA, Yeom YI. (2017) Regulation of hypoxia responses by flavin adenine dinucleotide-dependent modulation of HIF-1 $\alpha$  protein stability. *EMBO J*. 36(8):1011-102.

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