


KAI International Meeting 2020 Virtual

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Name	Yoon Park	
Affiliation	Korea Institute of Science and Technology	
Official Position	Senior Member	
Education	Yonsei University Ph.D. in Biochemistry M.S. in Biochemistry B.S. in Biochemistry	
Major Career (less than 5 items)	2016-2018 Senior Research Investigator – T cell Immunotherapy Bristol-Myers Squibb, Redwood city, CA 2015-2016 Senior Scientist – CAR-T cell therapy Pfizer, South San Francisco, CA 2014-2015 Instructor La Jolla Institute for Immunology, La Jolla, CA 2009-2014 Postdoctoral fellow La Jolla Institute for Immunology, La Jolla, CA	
Recent Research		
1. Understanding of the interactions and molecular interplay between multiple immune checkpoint receptors in regulating T cell exhaustion 2. Developing TCR-engineered human T cell model to identify relevant immunotherapeutic agents capable of synergizing with immune checkpoint blockade therapies 3. Discovering novel tumor ligands using genome-wide CRISPR library screening to understand mechanisms of tumor-immune interactions		
Selected publications		
1. Jin HS*, Ko M, Choi DS, Kim JH, Lee DH, Kang SH, Kim IK, Lee HJ, Choi EK, Kim KP, Yoo CH*, Park Y* (2020) CD226hiCD8+ T cells are a prerequisite for anti-TIGIT immunotherapy. <i>Cancer Immunol Res.</i> Jul;8(7): 912-925. (* co-corresponding author) 2. Jin HS*, Choi DS, Ko M, Kim D, Lee DH, Lee S, Lee AY, Kang SG, Kim SH, Jung Y, Jeong Y, Chung JJ*, Park Y* . (2019) Extracellular pH modulating injectable gel for enhancing immune checkpoint inhibitor therapy. <i>J Control Release.</i> Dec 10;315:65-75. (* co-corresponding author) 3. Park Y* , Jin HS*, Lopez J, Lee JH, Elly C, Liu YC. (2016) SHARPIN controls regulatory T cells by negatively modulating the T cell antigen receptor complex. <i>Nature Immunol.</i> Feb 2; 17(3):286-96. (* co-First author) * Commentary in the same issue of <i>Nature Immunol.</i> 2016 Feb 16; 17(3):221-2. Bowman M, et al. 4. Park Y , Jin HS, Lopez J, Elly C, Kim G, Murai M, Kronenberg M, Liu YC (2013) TSC1 regulates the balance between effector and regulatory T cells. <i>J Clin Invest.</i> Dec 2;123(12):5165-78. * Commentary in the same issue of <i>J. Clin Invest.</i> 2013 Dec 2;123(12):5001-4. Yang K, et al. 5. Park Y , Jin HS, Liu YC (2013) Regulation of T cell function by the ubiquitin-specific protease USP9X via modulating Carma1-Bcl10-Malt1 complex. <i>Proc Natl Acad Sci USA.</i> 2013 Jun 4;110(23):9433-8.		

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