


KAI International Meeting 2020 Virtual

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Name	Young-Jin Seo	
Affiliation	Department of Life Science, Chung-Ang University, Korea	
Official Position	Assistant professor	
Education	2008 Ph.D. Immunology, Department of Biological Sciences, Seoul National University, Korea 2002 B.S. Department of Biological Science, Sungkyun-kwan University, Korea	
Major Career (less than 5 items)	2016 – 2017 Research Associate, Yerkes National Primate Research center, Emory University, USA 2013 – 2016 Postdoctoral Fellow, Emory Vaccine Center, Yerkes National Primate Research Center, Emory University, USA 2012 – 2013 Research Scientist, University of Missouri-Columbia, USA 2008 – 2012 Postdoctoral Fellow, University of Missouri-Columbia, USA	

During the Ph.D. course at the Seoul National University in Korea, I have studied B and T cell immunology and cancer cell signaling in the laboratory of immunology as well as in the laboratory of hematology/oncology.

My postdoctoral research at the University of Missouri focused on the role of lipid (sphingolipid) metabolism in the host defense against single-stranded RNA viruses including influenza, measles, and lymphocytic choriomeningitis viruses (LCMV).

In Emory University, I mainly investigated identifying the underlying mechanism of how anatomic microenvironment regulates T cell function and fate upon virus infection, by utilizing bioengineering-based techniques.

Since I joined to Chung-Ang University, my research mainly focuses on seeking novel host factors regulating T cell and dendritic cell responses against acute and chronic viral infections.

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