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RESEARCH INTEREST

B cell immune response, B cell development

T - B cell interaction

Transplantation immunology

Pathogenesis of autoimmune diseases such as rheumatoid arthritis

Education and Experiences

1982.3 –1988.2 Seoul National University College of Medicine, M.D.

1989.3 –1991.2 Seoul National University College of Medicine, M.S. (Pathology)

1991.3 –1994.2 Seoul National University College of Medicine, Ph.D. (Pathology)

1988.3 –1989.2 Seoul National University Hospital, Intern

1989.3 –1992.2 Seoul National University Hospital, Department of Pathology, Resident

1992.3 –1993.3 Seoul National University Cancer Institute Research Fellow

1993.4 –1997.3 Massachusetts General Hospital Cancer Center & Harvard Medical School,

Research fellow

1997.4 –1997.8 Seoul National University Institute of Allergy and Clinical Immunology, Research Associate

1997.9 –present Sungkyunkwan University School of Medicine, Department of Molecular Cell Biology, Assistant Professor, Associate Professor, and Professor

Representative Publications

1. Chen Y, Hu F, Xuejiao Dong X, Zhao M, Wang J, Sun X, [Kim TJ*](#), Li Z*, Liu W*. SHIP-1 deficiency in AID+ B cells leads to the impaired function of B10 cell with spontaneous autoimmunity. **J Immunol** doi.org/10.4049/jimmunol.1700138 (2017) * Co-corresponding authors
2. Park C, Kho IS, Yang JI, Kim M-J, Park S, Cha H-S, Lee J, [Kim TJ*](#). Positive selection of type II collagen-reactive CD80high marginal zone B cells in DBA/1 mice. **Clin Immunol** 46:64-73 (2017)
3. Moon H, Lee J-G, Shin SH, Park C, Lee JH, Kang K, [Kim TJ*](#). Early development in the peritoneal cavity of CD49d^{high} T_H1 memory phenotype CD4⁺ T cells with enhanced B cell helper activity. **J Immunol** 195:564-575 (2015)
4. Lee J-G, Moon H, Park C, Shin SH, Kang K, [Kim TJ*](#). Reversible Expression of CD138 on mature follicular B cells is downregulated by IL-4. **Immunol Lett** 156:38-45 (2013)
5. Moon H, Lee JG, Shin SH, [Kim TJ*](#). LPS-Induced Migration of Peritoneal B-1 Cells is Associated with Upregulation of CXCR4 and Increased Migratory Sensitivity to CXCL12. **J Korean Med Sci** 27:27-35 (2012)
6. Kim EJ, Choi B, Moon H, Lee YJ, Jeon YK, Park SH, [Kim TJ*](#), Jung KC*. CD4+ T cells from MHC II-dependent thymocyte-thymocyte interaction provide efficient help for B cell. **Immunol Cell Biol** 89:897-903 (2011) * Co-corresponding authors
7. Kim J-Y, Huh K, Jung R, [Kim TJ*](#). Identification of BCAR-1 as a new substrate of Syk tyrosine kinase through a determination of amino acid sequence preferences surrounding the substrate tyrosine residue. **Immunol Lett** 135:151-157 (2011)