

CURRICULUM VITAE

Seok-Rae Park, Ph.D.
(박석래)

POSITION TITLE Associate Professor (부교수)
Department of Microbiology (미생물학교실)
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EXPERIENCE

2016.04.01 – Present Associate Professor, Dept. of Microbiology, College of Medicine,
Konyang University, Republic of Korea

2012.04.01 – 2016.03.31 Assistant Professor, Dept. of Microbiology, College of Medicine,
Konyang University, Republic of Korea

2010.02.28 – 2012.03.31 Full-time lecturer, Dept. of Microbiology, College of Medicine,
Konyang University, Republic of Korea

2021.01.01 – Present Chair, Finance Committee,
The Korean Association of Immunologists

2019.01.01 – 2019.12.31 Chair, Information Committee,
The Korean Association of Immunologists

2014.01.01 – 2015.12.31 Member, Planning Committee,
The Korean Association of Immunologists

2013.01.01 – 2013.12.31 Chair, Finance Committee,
The Korean Association of Immunologists

2012.11.10 – Present Associate Editor, Autoimmunity (Taylor & Francis LTD)

2009.12.30 – 2010.02.27 Research Professor, BT Training Team, Brain Korea 21,
Kangwon National University, Chuncheon 24341, S. Korea

2008.09.16 – 2009.12.29 Postdoctoral Fellow, Institute of Bioscience & Biotechnology/
Department of Molecular Bioscience,

Kangwon National University, Chuncheon 24341, S. Korea

- 2006.06.01 – 2008.08.31 Postdoctoral Scholar, Institute for Immunology/
Department of Molecular Biology & Biochemistry,
University of California, Irvine, CA 92697
Adviser: Paolo Casali, M.D.
- 2005.09.01 – 2006.05.31 Postdoctoral Research Associate, Norris Comprehensive Cancer/
Departments of Pathology, of Biochemistry, of Microbiology,
and of Biological Sciences,
University of Southern California Keck School of Medicine,
Los Angeles, CA 90033.
Adviser: Michael Lieber, M.D., Ph.D.

EDUCATION

- 2000.03.02 – 2004.08.31 Ph.D., Microbiology (Immunology),
Department of Microbiology, College of Natural Sciences,
Kangwon National University, Chuncheon, S. Korea.
Dissertation title: “Study on the mechanisms of IgA and IgG2b
antibody switching by TGF- β 1.”
Advisor: Pyeung-Hyeun Kim, Ph.D.
- 1998.03.02 – 2000.02.22 Master of Science, Microbiology (Immunology),
Department of Microbiology, College of Natural Sciences,
Kangwon National University, Chuncheon, S. Korea.
Thesis title: “TGF- β 1 induces IgA isotype switching through
Smads-associated signaling.”
Advisor: Pyeung-Hyeun Kim, Ph.D.
- 1991.03.02 – 1998.02.21 Bachelor of Science, Microbiology,
Department of Microbiology, College of Natural Sciences,
Kangwon National University, Chuncheon, S. Korea.

PUBLICATIONS (Recent 5 years)

1. Sestrin2 Mediates IL-4-induced IgE Class Switching by Enhancing Germline ϵ Transcription in B Cells. *Immune Network*, 20:e19, April 2020. (Corresponding author)
2. SIRT1 Alleviates LPS-Induced IL-1 β Production by Suppressing NLRP3 Inflammasome Activation and ROS Production in Trophoblasts. *Cells*, 9:728, March 2020. (Coauthor)
3. Decursinol from *Angelica gigas* Nakai enhances endometrial receptivity during implantation. *BMC Complementary Medicine and Therapies*, 20:36, February 2020. (Coauthor)
4. The Nod2 Agonist Muramyl Dipeptide Cooperates with the TLR4 Agonist Lipopolysaccharide to Enhance IgG2b Production in Mouse B Cells. *Journal of Immunology Research*, 2019:2724078, November 2019. (Corresponding author)
5. Increase of Hspa1a and Hspa1b genes in the resting B cells of Sirt1 knockout mice. *Molecular*

- Biology Reports*, 46:4225, August 2019. (Corresponding author)
6. The TLR7 agonist imiquimod selectively inhibits IL-4-induced IgE production by suppressing IgG1/IgE class switching and germline ϵ transcription through the induction of BCL6 expression in B cells. *Cellular Immunology*, 338:1, April 2019. (Corresponding author)
 7. Heat-Killed *Saccharomyces cerevisiae*, A Dectin-1 Agonist, Selectively Induces IgG4 Production by Human B Cells. *Immune Network*, 18:e46, December 2018. (Corresponding author)
 8. Toll-like Receptor 1/2 Agonist Pam3CSK4 Suppresses Lipopolysaccharide-driven IgG1 Production while Enhancing IgG2a Production by B Cells. *Immune Network*, 18:e10, February 2018. (Corresponding author)
 9. Expression of activation-induced cytidine deaminase splicing variants in patients with ankylosing spondylitis. *Autoimmunity*, 50: 435-440, December 2017. (Corresponding author)
 10. Aberrant expression of interleukin-10 and activation-induced cytidine deaminase in B cells from patients with Behçet's disease. *Biomedical Reports*, 7: 520-526, December 2017. (First author)
 11. Mechanism underlying the suppressor activity of retinoic acid on IL-4-induced IgE synthesis and its physiological implication. *Cellular Immunology*, 322: 49-55, December 2017. (Coauthor)
 12. Cloning and analysis of promoter region of mouse immunoglobulin germline $\gamma 3$ transcripts. *Genes & Genomics*, 38:1053–1059, November 2016. (Corresponding author)
 13. Dectin-1 agonist selectively induces IgG1 class switching by LPS-activated mouse B cells. *Immunology Letters*, 178:114-121, October 2016. (Corresponding author)