

CURRICULUM VITAE



Heung Kyu Lee, Ph.D.

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Education

- Sep/2004-May/2009 Doctor of Philosophy in Immunobiology
Yale University, New Haven, CT, USA
Thesis title: Dendritic cells, Autophagy and Antiviral immunity
- Sep/1996-Aug/1998 Master of Science in Biotechnology Yonsei
University, Seoul, Korea
- Mar/1992-Aug/1995 Bachelor of Engineering in Food Science and Technology
Dongguk University, Seoul, Korea

Positions and Employment

- Mar/2018- present Associate Professor (tenured) of Graduate School of Medical
Science and Engineering, Korea Advanced Institute of Science
and Technology (KAIST), Daejeon, Korea
- Sep/2016-Feb/2018 Associate Professor of Graduate School of Medical Science and
Engineering, KAIST, Daejeon, Korea
- Apr/2017-present Adjunct Associate Professor of KAIST Institute for Health Science
and Technology, KAIST, Daejeon, Korea
- Mar/2013-Feb/2015 Adjunct Assistant Professor of Dept. of Biological Sciences, KAIST,
Daejeon, Korea
- Nov/2009-Aug/2016 Assistant Professor of Graduate School of Medical Science and
Engineering, KAIST, Daejeon, Korea
- Mar/2009-Jan/2010 Post-doctoral Associate of Immunobiology, HHMI, Yale University
School of Medicine, New Haven, CT
(PI: Ruslan Medzhitov, Ph.D.)
- Sep/2004-Feb/2009 Graduate Research Assistant of Immunobiology,
Yale University, New Haven, CT (PI: Akiko Iwasaki, Ph.D.)
- Sep/2003-Aug/2004 Graduate Research Assistant of Immunology,
University of Texas M.D. Anderson Cancer Center, Houston, TX
(PI: Yong-Jun Liu, M.D., Ph.D.)
- Jun/2001-Oct/2001 Researcher of Immunology and Transplantation,
Asan Institute for Life Sciences and Asan Medical Center, Seoul,
Korea (PI: Duck-Jong Han, M.D., Ph.D.)
- Oct/1998-Dec/2000 Military service of Republic of Korea Army, Yong In, Korea
- Sep/1996-Aug/1998 Graduate Research Assistant of Biotechnology,
Yonsei University, Seoul, Korea (PI: Sang-Kyou Lee, Ph.D.)

Major Administrative Responsibilities

- Feb/2017-Mar/2021 Chair, Institutional Animal Care and Use Committee of KAIST

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June/2019-Feb/2021 Member, Organizing Committee of KAIST Laboratory Animal Resource Center

Mar/2014-Jan/2017 Member, Institutional Animal Care and Use Committee of KAIST

Sep/2012-Feb/2021 Member, Academic Affairs Committee of College of Life Science and Bioengineering, KAIST

Sep/2012-Feb/2021 Member, Curriculum Evaluation Committee of College of Life Science and Bioengineering, KAIST

Fellowships

2007-2008 Richard K. Gershon Predoctoral Training Fellowship
Yale University

2006-2007 Anna Fuller Cancer Research Fellowship
Yale University

2003-2005 Graduate Study Abroad Scholarship
Ministry of Science and Technology of Korea

Awards and Honors

2020 Samsung Humantech Award (Gold Advisor Award), Samsung Electronics Co.

2019 Academic Achievement Award by Korean Association of Immunologists 2017
Best Paper Award by Korean Association of Immunologists

2017 Academic Achievement Award by Korean Association of Immunologists

2017 KAIST's TOP10 Research Achievements of 2016 Award by KAIST

2016 Best Paper Award by Korean Association of Immunologists

2016 26th KOFST Best Paper Award by The Korean Federation of Science and Technology Societies (KOFST)

2014 Distinguished service award for the excellent teaching service in BD
FACS CAMP by Becton Dickinson and Company in Korea

2013 Distinguished service award for the successful achievement of DC2012,
13th international symposium by Korean Dendritic Cell Academy Society

2009 Council of Graduate Schools (CGS)/University Microfilm International
Distinguished Dissertation Award Semi-Finalist Award
by Council of Graduate Schools Annual Meeting, San Francisco, CA

2009 A Yale Nominee for CGS/UMI Dissertation Award

2008 KASBP/Daewoong Pharmaceutical Co. Young Generation Award
The 8th Annual Symposium of Korean American Society in Biotech
and Pharmaceuticals, Piscataway, NJ

2008 Best Poster Award of RCI International Summer Program 2008
RIKEN Research Center for Allergy and Immunology, Yokohama, Japan

2008 American Association of Immunologists Trainee Abstract Award
The 95th AAI Annual Meeting, San Diego, CA

Teaching Experience

Fall/2008 Molecular Cellular Developmental Biology Lab. course
Yale University, New Haven, CT

Fall/2007 Molecular Cellular Developmental Biology Lab. course
Yale University, New Haven, CT Fall/1997

Biotechnology Laboratory course

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Yonsei University, Seoul, Korea

Professional Memberships

2019-present	Member, American Association of Cancer Research (AACR)
2017-present	Member, The American Society for Reproductive Immunology
2017-present	Member, International Cytokine & Interferon Society
2016-present	Member, International Society for Mucosal Immunology
2016-present	Member, International Society of Microbiota
2015-present	Member, The Korean Society for Reproductive Immunology
2013-present	Member, Korean Society for Molecular and Cellular Biology
2012-present	Member, Korean Vaccine Society
2011-present	Member, American Association of Immunologists
2011-present	Member, Korean Society for Biochemistry and Molecular Biology
2010-present	Member, Korean Association of Immunologists
2010-present	Member, Korean Dendritic Cell Academic Society
2010-2012	Member, the International Society for Dendritic cell and Vaccine Science

Major Committee Assignments for professional scientific societies

2019-present	Member, Scientific Committee, The Korean Society for Reproductive Immunology
2018-2019	Member, Finance Committee, Korean Society for Biochemistry and Molecular Biology (KSBMB)
2018-2018	Member, Organizing Committee, KSBMB
2016-2018	Member, Award Committee, 24 th International Union of Biochemistry and Molecular Biology Congress (IUBMB2018)
2015-2016	Member, Public Relationship Committee, The Korean Society for Reproductive Immunology
2015-2015	Member, Scientific Committee, Korean Association of Immunologists
2015-2015	Chair, Information Committee, Korean Association of Immunologists
2014-2014	Vice Chair, Information Committee, Korean Association of Immunologists
2015-2017	Member, BMB Reports Management Committee of Korean Society for Biochemistry and Molecular Biology (KSBMB)
2014-2014	Member, Organizing Committee, KSBMB
2014-2014	Member, Webzine Committee, KSBMB
2011-2013	Member, Scientific Committee, Korean Dendritic Cell Academic Society
2011-2012	Member, Scientific Committee, DC2012
2010-2012	Member, Scientific Committee, Korean Association of Immunologists

Editorial or Review Boards

2020-present	Reviewer Board, Vaccines (ISSN 2076-393X, IF 4.76)
2020-present	Editorial Board: Review editor, Frontiers in Immunology (Section: Mucosal Immunology)
2015-2017	Editorial Board: BMB Reports
2012-present	Review Board: Clinical and Experimental Vaccine Research
2011-present	Editorial Board: Immune Network
Ad hoc reviewer:	PNAS, Autophagy,

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Journal of Immunology,
Frontiers in Immunology,
Frontiers in Microbiology,
Journal for ImmunoTherapy of Cancer,
Cellular and Molecular Immunology,
Experimental and Molecular Medicine,
Journal of Microbiology,
Molecules and Cells,
Oncotarget,
Viruses,
Yonsei Medical Journal,
BMB Reports,
Microbial Pathogenesis,
Journal of Clinical Medicine,
International Journal of Molecular Medicine,
Materials,
Microorganisms,
Plos One,
Pharmaceutics
Cancers
Cytokines
Vaccines
Signal Transduction and Targeted Therapy