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CURRICULUM VITAE

NAME: **GARY KORETZKY, M.D., Ph.D.**

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EDUCATION:

1978	A.B. Cornell University
1984	M.D. University of Pennsylvania
1984	Ph.D. in Immunology, University of Pennsylvania
1999	Masters of Arts (Honorary), University of Pennsylvania

POSITIONS HELD:

University of California, San Francisco

1984-1986	Residency in Internal Medicine, University of California Hospitals, San Francisco
1986-1989	Fellowship in Rheumatology, University of California Hospitals, San Francisco, Associate, Howard Hughes Medical Institute
1989-1991	Postdoc, Microbiology and Immunology, Instructor in Medicine University of California, San Francisco

University of Iowa

1991-1994	Assistant Professor, Department of Medicine, University of Iowa College of Medicine
1992-1994	Assistant Professor, Department of Physiology and Biophysics, University of Iowa College of Medicine
1993-1999	Member, Interdisciplinary Graduate Program in Immunology, University of Iowa College of Medicine
1993-1999	Member, Interdisciplinary Graduate Program in Molecular Biology, University of Iowa College of Medicine
1994-1997	Associate Professor with tenure, Departments of Internal Medicine and Physiology and Biophysics

1994-1998	Director, Interdisciplinary Graduate Program in Immunology
1994-1997	Kelting Associate Professor of Rheumatology
1994-1999	Program Leader, Cellular Activation in Cancer Research Program, University of Iowa Cancer Center
1997-1999	Professor, Departments of Internal Medicine and Physiology and Biophysics, University of Iowa College of Medicine
1997-1999	Kelting Professor of Rheumatology, University of Iowa College of Medicine
1997-1999	Member, Executive Committee, University of Iowa Center on Aging
1997-1999	Director, Medical Scientist Training Program

University of Pennsylvania

1999-present	Professor, Department of Pathology and Laboratory Medicine
1999-present	Investigator and Director, Signal Transduction Program, Leonard and Madlyn Abramson Family Cancer Research Institute
2000-present	Associate Director, Medical Scientist Training Program
2001-present	Chair, Executive Committee, Abramson Family Cancer Research Institute
2001-present	Co-Leader, Immunobiology Program, Abramson Cancer Center
2004-2009	Leonard Jarett Professor of Pathology and Laboratory Medicine
2005-2008	Chief, Division of Rheumatology, Department of Medicine
2008-present	Vice Chair for Research and Chief Scientific Officer, Department of Medicine
2010-present	Francis C. Wood Professor of Medicine

HONORS AND AWARDS:

Trainee, Medical Scientist Training Program, 1978-1984
1st Place Eastern Student Research Fellow (AMA), 1982
Mary Ellis Bell Award (University of Pennsylvania), 1982
Mudd Microbiology Award (University of Pennsylvania), 1984
AOA-Sheard-Sanford Award (American Society of Clinical Pathologists), 1984
AOA-University of Pennsylvania, 1984
American Federation for Clinical Research Trainee Award, 1990
American Federation for Clinical Research, Henry Christian Award, 1990
American College of Rheumatology Senior Rheumatology Scholar Award, 1990
Carver Clinician Scientist Award, University of Iowa, 1991-1994
Travel Award, International Union of Immunological Societies, 1992
Midwest American Federation for Clinical Research/Ciba-Geigy Award for Excellence in Rheumatology and Immunology Research, 1992
Established Investigator, American Heart Association, 1994-1999
Midwest Regional American Federation for Clinical Research Young Investigator Award, 1994
American Society for Clinical Investigation, 1996
Henry Kunkel American College of Rheumatology Young Investigator Award, 1996

University of Iowa Collegiate Teaching Award, 1997
Vice-President, American Society for Clinical Investigation, 1998
Gwen Knapp Lecture in Lupus and Immunology, University of Chicago, 1998
American Association of Physicians, 1999
President-Elect, American Society for Clinical Investigation, 1999
President, American Society for Clinical Investigation, 2000
American Association of Immunologists-PharMingen Investigator Award, 2000
Senior Fellow of the American Asthma Foundation, 2002-2005
Stanley N. Cohen Biomedical Research Award, University of Pennsylvania School of Medicine, 2003
Fellow, American Association for the Advancement of Science, 2004
Keynote Speaker, University of Michigan Department of Internal Medicine Research Symposium, 2004
Leonard Jarett Professor of Pathology and Laboratory Medicine, University of Pennsylvania, 2004
Visiting Distinguished Professor of Immunology, Washington University School of Medicine, 2006
Basic Science Teaching Award, Penn Medical Class of 2008, University of Pennsylvania School of Medicine, 2005
National Institutes of Health MERIT Award, 2006
Arthur K. Asbury Outstanding Faculty Mentor Award, University of Pennsylvania School of Medicine, 2006
Tinsley Randolph Harrison Society Invited Speaker, Department of Medicine, Vanderbilt University, 2006
Lee C. Howley Sr. Prize for Arthritis Research, 2007
Fellow, Philadelphia College of Physicians, 2007
Councilor, Association of American Physicians, 2008
Member, Institute of Medicine of the National Academies, 2008
Francis C. Wood Professor of Medicine, 2010

PROFESSIONAL SOCIETIES

American Association of Immunologists
American Association for the Advancement of Science
American Federation for Clinical Research
American Society for Microbiology
American College of Rheumatology
Central Society for Clinical Research
American Society for Clinical Investigation
American Association of Physicians

TEACHING

COURSES AND WARD ATTENDING

University of Iowa

1992-1999 Instructor in Advanced Cellular Immunology Course
1992 Coordinator and instructor in Advanced Topics in Immunology
1992-1999 Lecturer and Rheumatology liaison, Introduction to Clinical Medicine
1993-1999 Instructor in General Physiology, Dental School, Bioengineering graduate students
1993-1996 Introduction to Clinical Medicine, Small group preceptor for physical diagnosis
1993 Ward Attending, Veterans Administration Hospital, General Medical Service
1993-1999 Coordinator, "Molecular Medicine" Journal Club (established for Internal Medicine Housestaff and Fellows)
1993-1998 Lecturer in Receptors and Signal Transduction, Physiology and Pharmacology graduate students
1995 Coordinator and Instructor in Advanced Topics in Immunology
1996-1999 Small group preceptor for Immunology course for 1st year Medical Students
1996 Facilitator for Professional and personal Development course for 1st year Medical Students
1997 Small group facilitator for Case Base Learning, M1 small group

University of Pennsylvania

1999 - present Ethics in Research (4 hours) Combined degree students
2000 - 2005 Autoimmune Lymphoproliferative Syndrome (1 hour) Medical students
2000 - 2005 Topics in Molecular Medicine (Course Co-organizer) (20 hours) Combined degree students
2000 - present Immunology (18 hours) Medical students (Course Co-organizer)
2000 - 2009 Immunology (8 hours) Graduate students
2001 - 2008 Immune cell signaling (3 hours) Graduate students

2002 - present Independent Study in Immunology (20 hours) Graduate students
2007 Frontiers in Medicine (40 hours) Medical students
2008 Frontiers in Medicine (40 hours) Medical students
2008 – present Bedside to the Bench (and Back) (2 hours) Medical students
2008 – present Physician Scientist Report (2 hours) Internal Medicine interns and residents
2009 Frontiers in Medicine (10.5 hours) Medical students
2010 - present Frontiers in Medicine (7.5 hours) Medical students

TRAINEES SUPERVISED

MD associates **(University of Iowa)**:

Frederick Goldman, MD (Tulane University), Department of Pediatrics, 1992-1994

MD associates **(University of Pennsylvania):**

Kim Nichols, MD (Duke University), Department of Pediatrics, 2000-2010

MD postdoctoral fellows **(University of Iowa):**

Robin Hovis, MD (University of Iowa), Department of Medicine, 1991-1992
Jerald Donovan, MD, PhD (University of Iowa), Department of Medicine, 1992-1994
Erik Peterson, MD (Northwestern University), Department of Medicine, 1995-2002
Krzyzstof Lyson, MD, PhD (University of Lodz), Department of Medicine, 1998-1999

MD postdoctoral fellows **(University of Pennsylvania):**

Xiao-ping Zhong, MD, PhD (Duke University), 1999-2004
Anastasia Guerriero, MD (University of Napoli), Department of Pathology, 2000-2002
Geo Derimanov, MD (Higher Medical Institute, Pleven, Bulgaria), Department of Medicine, 2000-2003
Jonathan Maltzman, MD, PhD (University of Pennsylvania), Department of Medicine, 2001-2006
Shereen Gheith, MD (University of Cairo), Department of Pathology, 2000-2002
Ashish Chawla, MD (University of Kansas), Department of Medicine, 2002-2004
Taku Kambayashi, MD, PhD (Emory University) Department of Pathology, 2005-2009
Edward Behrens, MD (University of Pennsylvania), Department of Pediatrics, 2008-2010
Matthew Riese MD, PhD (Medical College of Wisconsin), Department of Medicine, 2008-present
Alyssa Johnsen, MD, PhD (Case Western Reserve University), Department of Medicine, 2009-present
Scott Lieberman, MD, PhD (Albert Einstein College of Medicine), Department of Pediatrics, 2010-present
Shannon Carty, MD (Albert Einstein College of Medicine), Department of Medicine, 2010-present

Postdoctoral fellows **(University of Iowa):**

Ranee Hendricks-Taylor, PhD (Baylor), 1994-1997
James Clements, PhD (Roswell Park), 1994-2000
Jong Ran Lee, PhD (University of TX, Austin), 1994-1999
Yi Yang Li, PhD (University of IL, Normal), 1994-1996
Nancy Boerth, PhD (University of South Alabama), 1997-2001

Postdoctoral fellows **(University of Pennsylvania):**

Martha Jordan, PhD (University of Pennsylvania), 2000-2005
Gael Menasche, PhD (INSERM), 2004-2007
Laurie Lenox, PhD (Pennsylvania State University), 2005-2009 (co-advisor)
Paul Mangan, PhD (University of Alabama, Birmingham), 2006-2008
Jennifer Smith-Garvin, DVM, PhD (University of Pennsylvania), 2010-present

PhD Thesis students **(University of Iowa):**

David Motto, Medical Scientist Training Program, Physiology, 1992-1995 (PhD, 1995)
Michael Musci, Medical Scientist Training Program, Immunology, 1993-1997 (PhD 1997)
Kevin Latinis, Medical Scientist Training Program, Immunology, 1994-1997 (PhD, 1997)
Haoran Zhao, Molecular Biology, 1994-1998 (PhD, 1998)
Nan Fang, Immunology, 1995-1999 (PhD, 1999)
Lyse Norian, Immunology, 1996-2000 (PhD, 2000)
Barbi Judd, Molecular Biology, 1998-2001 (PhD, 2001)

PhD Thesis students **(University of Pennsylvania):**

Peggy Myung, MD, PhD, Medical Scientist Training Program, Immunology, 1997-2001 (PhD, 2001)
Sally Newbrough, MD, PhD, Medical Scientist Training Program, Immunology, 1999-2003 (PhD, 2003)
Andrew Singer, MD, PhD, Immunology, 2000-2003 (PhD, 2003)
Jennifer Wu, MD, PhD, Medical Scientist Training Program, Cell & Molecular Biology, 2001-2004 (PhD, 2004)
Farhad Abtahian, MD, PhD, Medical Scientist Training Program, Cell & Molecular Biology, 2002-2005 (PhD, 2005)
Michael Silverman, MD, PhD, Medical Scientist Training Program, Immunology, 2002-2005 (PhD, 2005)
Ben Olenchock, MD, PhD, Medical Scientist Training Program, Immunology, 2002-2006 (PhD, 2006)
Regina Clemens, MD, PhD, Medical Scientist Training Program, Immunology, 2002-2006 (PhD, 2006)
Natalie Bezman, PhD, Cell & Molecular Biology, 2003-2007 (PhD, 2007)
Marisa Juntilla, PhD, Medical Scientist Training Program, Immunology, 2005-2008 (PhD, 2008)
Rebecca Baker, PhD, Cell & Molecular Biology, 2006-2009 (PhD, 2009)
Jennifer Smith, DVM, PhD, Immunology, 2005-2010 (PhD, 2010)
Tao Zou, Medical Scientist Training Program, Immunology, 2007-present
Rebecca May, Medical Scientist Training Program, Immunology, 2009-present
Jiyeon Kim, Medical Scientist Training Program, Immunology, 2010-present
Rohan Joshi, Medical Scientist Training Program, Immunology, 2010-present

Rotating graduate students **(University of Iowa):**

Kathleen Holt, Molecular Biology, 1992
Dong Chen, Molecular Biology, 1993
Bill Arendt, Molecular Biology, 1995
Kartig Reddy, Medical Scientist Training Program, 1995
Dimitris Gravis, Immunology, 1995
Kira Gantt, Immunology, 1996
Steven Shinell, Immunology, 1998
Xiao-ting Lee, Molecular Biology, 1998
Chung-mai Yang, Physiology, 1998
Jasdeep Nuran, Immunology, 1999

Rotating graduate students **(University of Pennsylvania)**:

Daniel Bauer, Medical Scientist Training Program, 2000
Randy Brezski, Immunology 2001
Christopher Vakoc, Medical Scientist Training Program, 2002
Craig Stone, Cell & Molecular Biology, 2002
Stanley Adoro, Immunology, 2003
Evann Corbo, Immunology, 2007
Dan Zlotoff, Medical Scientist Training Program, Immunology, 2007
Gregory Sonnenberg, Immunology, 2008
Shelia Rao, Immunology, 2009
Shaun O'Brien, Immunology, 2009
Minal Mehta, Cell & Molecular Biology, 2011

Visiting Scientists **(University of Iowa)**:

John Cowdery, MD, 1997-1999

Visiting Scientists **(University of Pennsylvania)**:

Isabel Mérida, PhD, 2009-2010

Undergraduate students **(University of Iowa)**:

Nichole Rascon, 1993
Stacie Beaves, 1993-1994
Laurie Carr, 1994-1997
Shanea Oberton, 1996
Tonya Carr, 1996

Cheryl Gladstone, 1998

Undergraduate students **(University of Pennsylvania):**
Jared Courtney, 2000
Reg Manker, 2000
Jason Choi, 2000
Ricardo Guerra, 2000-2001
Amron Obstfeld, 2002-2004
Jacob Shabason, 2003-2006
Jonathan Shoag, 2004-2007
Troy Seelhammer, 2004
Elana Tykocinski, 2005-2006
Avraham Rosenberg, 2005-2006
Jake Weissman, 2005
Alice Zhou, 2006
Anna Aschenbrenner, 2006
Vineet Patil, 2007-2010
Luke Pennington, 2008-2009
Aurada Cholapranee, 2008-2009
Christine Anterasian, 2008-2010
Matthew Purkey, 2009, 2010
Matthew Pimentel, 2010
Jeff Lipman, 2010

Medical Students **(University of Pennsylvania):**
David Scheingold, 2001-2002

PhD THESIS COMMITTEES

University of Iowa
Naixi Chen, Department of Microbiology
Ying Lu, Interdisciplinary Group in Genetics
Bin Yang, Physiology and Biophysics
Zheng Wang, Pharmacology
David Davies, Physiology and Biophysics
Douglas Epperson, Interdisciplinary Program in Molecular Biology
Amy Abel, Physiology
Michael Anderson, Physiology and Biophysics
Ai Ling Wu, Interdisciplinary Program in Molecular Biology
Kate Holt, Interdisciplinary Program in Molecular Biology
Douglas White, Interdisciplinary Program in Immunology
Christina Gurnett, Physiology and Biophysics
Arne Nystuen, Interdisciplinary Program in Genetics
Joseph Cotton, Physiology
Christopher Adams, Physiology
Yina Tsing, Interdisciplinary Program in Immunology
Demitris Gravis, Interdisciplinary Program in Immunology
Dong Chen, Interdisciplinary program in Molecular Biology
Chun Cheng, Interdisciplinary Program in Molecular Biology
Grant Bullock, Interdisciplinary Program in Molecular Biology
Lisa Busch, Interdisciplinary Program in Molecular Biology

University of Pennsylvania
James Chung, Immunology
Alan Mullen, Immunology
Aaron Neumann, Immunology
Daniel Weill, Immunology
Steven Bensinger, Immunology

Anne Sibley (Hutchins), Immunology
Yiping He, Cell and Molecular Biology
Mitch Berger, Biochemistry and Biophysics
Mark Ma, Immunology
Daniel Moore, Immunology
Alison Hall, Immunology
Marina Kremyanskaya, Immunology
Evan Farkash, Immunology
Stacey Garrett, Immunology
Robert Schnepp, Cell and Molecular Biology
Amy Troy, Cell and Molecular Biology
Kenneth Lee, Immunology
Carolyn King, Immunology
Bhaskar Srivastava, Immunology
Claire Perchonock, Immunology
Ryan Fortna, Cell and Molecular Biology
Sara Cullinan, Cell and Molecular Biology
Dasha Babushok, Cell and Molecular Biology
John Northrop, Cell and Molecular Biology
Ben Schwarz, Immunology
Laura Solt, Immunology
Lee Smith, Engineering & Applied Science
Sarah Choi, Cell and Molecular Biology
Andrew Intlekofer, Immunology
Ellen Krasik, Bioengineering
Stanley Adoro, Immunology
Jodi Buckler, Immunology
Meredith Shaffer, Cell and Molecular Biology
Kristine Fortin, Cell and Molecular Biology
Irene Viorritto, Immunology
Cheyne Blair, Cell and Molecular Biology
Michael Beste, Bioengineering
Vikram Palanivel, Immunology
Alec Schmaier, Pharmacology
Esteban Carrizosa, Immunology
Jennifer Reed, Immunology
Andrea Carpenter, Immunology
Eric Allenspach, Immunology
Risat Jannat, Engineering & Applied Sciences
Marta Rowh, Immunology
Dan Zlotoff, Immunology
Amar Majmundar, Immunology
Cheyene Blair, Immunology
Brenna Brady, Immunology
Maria Ciocca, Immunology
Emily Chen, Immunology
Anastasia Tikhonova, Immunology
Jie Xu, Cell and Molecular Biology
Eric Lee, Cell and Molecular Biology
Vanessa Kurzweil, Cell and Molecular Biology
Paul Hess, Cell and Molecular Biology
Lisa Korn, Immunology
Sean Spencer, Immunology

External PhD Examiner
Joseph Ahrens, Rockefeller University, 2001
Emily Griffiths, University of Toronto, 2002

Jeffrey Combs, University of Texas, Austin, 2003-2005
Bin Liang Kevin Lin, University of British Columbia, Canada, 2009

Mentorship Committees
David LaRosa, MD, Assistant Professor of Medicine, 2009-present
Theresa Alenghat, VMD, PhD (Postdoc), 2011-present

SERVICE

PROGRAM COMMITTEES

University of Iowa

1993-1999	Executive Committee, Graduate Program in Immunology
1993-1999	Admissions, Graduate Program in Immunology
1993-1996	Admissions, Graduate Program in Molecular biology
1993-1999	Chair, Seminar Series Committee, Graduate Program in Immunology
1994	Steering Committee, University of Iowa Cancer Center
1995-1999	Executive Committee, University of Iowa Cancer Center

University of Pennsylvania

1999-present	Steering Committee, Medical Scientist Training Program
1999-present	Admissions Committee, Immunology Graduate Group
1999-present	Executive Committee, Immunology Graduate Group
2001-present	Executive Committee, Cell and Molecular Biology Graduate Group
2003-2005	University Council Committee on Committees
2002-2007	Executive Committee, Abramson Family Cancer Research Institute (Chair)
2005	Biomedical Imaging Review Committee, Abramson Cancer Center (Chair)
2005-2009	Steering Committee, Penn Center for Clinical Immunology
2005-present	Internal Advisory Committee, Institute for Translational Medicine and Therapeutics
2010-present	Executive Committee, Institute for Immunology

DEPARTMENTAL COMMITTEES

University of Iowa

1992-1999	Residency Interview and Recruitment Committee, Department of Medicine
1994	Promotions Committee, Assistant to Associate Professors
1995	Departmental Review self study
1996-1999	Research Advisory Committee
1997-1998	Promotions Committee, Associate to Full Professors
1998	Search Committee, Division Director, Hematology-Oncology

University of Pennsylvania

1999-present	Advisory Committee, Physician Scientist Pathway
2000-present	Committee on Appointments and Promotions, Department of Pathology
2003-present	Committee on Appointments and Promotions, Department of Cancer Biology (Chair)
2005-present	Executive Committee, Department of Medicine
2006	Renal Division Chief Search Committee (Co-chair)
2008-present	Executive Steering Committee, Department of Medicine
2010-present	Rheumatology Division Faculty Search Committee

SCHOOL OF MEDICINE COMMITTEES

University of Iowa

1995-1999	Research Advisory Council
1996-1999	College of Medicine Capital Planning Liaison Committee
1997	Search Committee, Head, Biochemistry
1997	Review Committee, Medical Scientist Training Program
1998	Search Committee, Block Chair in Cancer Research
1998-1999	Faculty Advisory Committee for the Transgenic and Gene Targeting Facility
1999	Search Committee, Assistant Dean for Curriculum and Student Affairs

University of Pennsylvania

1999-2004 Cell Center Advisory Committee
2000 Search Committee, Chair, Department of Microbiology
2001-2007 Committee on Appointments and Promotions
2001-2007 Cancer Center Executive Committee
2002-2003 Review Committee, Biochemistry & Molecular Biophysics Graduate Program (Chair)
2003 Review Committee, Division of Cardiology, Department of Medicine
2003-present Dean's Letter Committee
2003 Center and Institutes Review Committee, School of Medicine
2004-2007 School of Medicine Animal Research Committee
2006 Review Committee, Department of Dermatology
2008 Scientific Core Review Committee
2008 Orthopedic Surgery Chair Search Committee
2008-2009 Master of Science in Translational Research Review Committee
2010-present Faculty Affairs and Professional Development Advisory Committee
2010 The Willard and Rhoda Ware Professorship of Diabetes and Metabolic Diseases Selection Committee
2010-present Search Committee, Institute for Immunology
2010-present Search Committee, Director, Abramson Cancer Center
2010-present Penn Scholars in Molecular Medicine Search Committee

NATIONAL

2000-2003 Program Committee, American Association of Immunologists
2002-2005 Clinical Immunology Committee, American Association of Immunologists
2002-2004 Academic Advisory Board, Pfizer Postdoctoral Fellowship Program
2004-2007 Charles E. Culpeper Scholars in Medical Science Advisory Board
2005-2007 Charles E. Culpeper Biomedical Pilot Initiative Grant Science Advisory Board
2006-2009 Scientific Advisory Council American College of Rheumatology, Research and Education Fund
2010-present Awards Committee, American Association of Immunologists
2011-present Immune Tolerance Network (ITN) Steering Committee

OTHER

University of Iowa

1994 Co-Director, Iowa Rheumatology Symposium

COMMUNITY

University of Iowa

1993, 1996 Preceptor, Secondary Student Training Program
1993, 1996 Lecturer, Secondary Student Training Program

JOURNAL REVIEWS

1989-1993,
2003- present Ad hoc Reviewer, *Journal of Immunology*
1990-present Ad hoc Reviewer, *Molecular and Cellular Biology*
1990-1991 Ad hoc Reviewer, *The Western Journal of Medicine*
1992-present Ad hoc Reviewer, *American Review of Respiratory Diseases*
1993–present Ad hoc Reviewer, *Journal of Biological Chemistry*
1993-present Ad hoc Reviewer, *American Journal of Physiology: Respiratory*
1993-present Ad hoc Reviewer, *Immunology Letters*
1994-2002 Ad hoc Reviewer, *Journal of Experimental Medicine*
1994-present Ad hoc Reviewer, *Journal of Gerontology: Biological Sciences*
1994-present Ad hoc Reviewer, *Immunology Today*
1994-present Ad hoc Reviewer, *Biochemistry*
1994-present Ad hoc Reviewer, *Blood*
1994-present Ad hoc Reviewer, *American Journal of Physiology - Endocrinology and Metabolism*
1994-present Ad hoc Reviewer, *Proceedings of the National Academy of Sciences, USA*
1995-present Ad hoc Reviewer, *International Immunology*

1995-present Ad hoc Reviewer, *Immunity*
1995-present Ad hoc Reviewer, *Science*
1996-present Ad hoc Reviewer, *Journal of Clinical Investigation*
1996-present Ad hoc Reviewer, *Oncogene*
1996-present Ad hoc Reviewer, *AIDS Journal*
1996-present Ad hoc Reviewer, *Arthritis and Rheumatism*
1996-present Ad hoc Reviewer, *European Journal of Immunology*
1997-present Ad hoc Reviewer, *Cellular Immunology*
1997-present Ad hoc Reviewer, *American Journal of Physiology – Lung Cellular and Molecular Physiology*
1998-present Ad hoc Reviewer, *Cellular Growth and Differentiation*
1998-present Ad hoc Reviewer, *Life Sciences*
1998 Ad hoc Reviewer, *Tissue Antigens*
1998-present Ad hoc Reviewer, *FEBS Letters*
1998-present Ad hoc Reviewer, *Cell*
1999-present Ad hoc Reviewer, *Nature*
2000-present Ad hoc Reviewer, *Nature Immunology*
2001-present Ad hoc Reviewer, *New England Journal of Medicine*

EDITORIAL BOARDS

1993-1999 Associate Editor, *Journal of Immunology*
1999-2003 Section Editor, *Journal of Immunology*
1997-present Editorial Academy, *International Journal of Molecular Medicine*
1998-2001 Editorial Board, *Tissue Antigens*
1998-2007 Board of Consulting Editors, *Journal of Clinical Investigation*
1999-2002 Associate Editor, *Arthritis Research*
2000-2002 Editorial Board, *Signal Transduction: Receptors, Mediators, and Genes*
2001-present Highlights Advisory Panel, *Nature Reviews Immunology*
2002-present Editor-in-Chief, *Immunological Reviews*
2002-2010 Advisory Board, *Journal of Experimental Medicine*
2007-present Deputy Editor, *Journal of Clinical Investigation*

STUDY SECTIONS/GRANT REVIEWS

1990-92 Ad hoc reviewer, Veterans Affairs Merit Review Grants
1992 Ad hoc reviewer, University of Michigan Multipurpose Arthritis Center Grant
1993 Reviewer: Site Visit for an Immunology Program Project Grant (National Institutes of Health)
1993- 1996 Veterans Affairs Merit Review Board - Immunology
1995- 1996 Chair, Veterans Affairs Merit Review Board - Immunology
1994- 1998 Ad hoc reviewer, Canadian Arthritis Society
1994 National Institutes of Health Cell Biology Study Section (CBY2)
1995 National Institutes of Health Immunobiology Study Section (IMB)
1995- present Ad hoc reviewer, Medical Research Council of Canada
1996-2000 National Institutes of Health, Immunobiology Study Section, permanent member
1997 Ad hoc reviewer, Wayne State University Scleroderma SCOR
1997 Ad hoc reviewer, University of Washington, Center for Ecogenetics and Environmental Health
1997-present Ad hoc reviewer, Israel Science Foundation
1997-present Ad hoc reviewer, Alberta Science Heritage Foundation
1997-1999 Scientific Advisory Board, Gwen Knapp Center for Lupus and Immunology, University of Chicago
1998-2002 Review panel, The Arthritis Society (Canada)
1998 Guest Reviewer, Runyon-Winchell Cancer Research Fund
1998-1999 External Advisor, Program Project in Immunobiology, University of Pennsylvania
1998 Site Visitor, Cell Biology and Metabolism Branch, National Institutes of Child Health and Human Development
1999-2002 External Advisor, Program Project, "Life and Death in the Immune System", Holland Laboratory of the American Red Cross
1999-present Ad hoc Review, Burroughs Wellcome Fund, UK

2000-2004	National Institute of General Medical Sciences Biomedical Research and Research Training Subcommittee A, permanent member
2001	Site Visitor, National Institute on Aging
2002-2005	Study Section, Arthritis Foundation
2002	Ad hoc Review, NIAID Program Project, Review Panel Chair
2002	Chair, NIH Special Study Section
2003	Ad hoc Reviewer, Allergy and Immunity Study Section, NIH
2003	Italian Cancer Society
2003	Chair, Special Study Section, NIH
2004	Ad hoc Reviewer, Medical Research Council, UK
2004	Ad hoc Reviewer, NIAMS, NIH
2005	Chair, NIH Special Emphasis Panel
2005	Member, Board of Scientific Counselors of the National Institute of Arthritis and Musculoskeletal and Skin Diseases
2006-2010	Chair, Board of Scientific Counselors of the National Institute of Arthritis and Musculoskeletal and Skin Diseases
2009	Distinguished Editor, NIH Challenge Grants in Health and Science Research
2009	NIAMS Special Emphasis Panel GO Review
2010	NIH Special Emphasis Panel (SEP) in Cell Biology
2010	Arthritis Foundation: Postdoctoral Fellowship Review Team Leader
2010-present	NCI Vaccine Branch External Advisory Board
2010	NIAMS K, T32, and R13 Review Committee

SCIENTIFIC MEETINGS (invited presentations)

1992 - Workshop Chair "Lymphocyte Activation" Midwest Autumn Immunology Conference
1993 - Abstract Selection Committee (Rheumatology/Immunology) American Federation for Clinical Research, American Society for Clinical Investigation, and American Associations of Physicians
1993 - Session Chairman, National meeting of the American Federation for Clinical Research, American Society for Clinical Investigation, and American Associations of Physicians
1994 - Session Chairman, American College of Rheumatology
1995 - Abstract Selection Chair, National Meeting of the American College of Rheumatology
1995 - Workshop chairman, 9th International Congress of Immunology
1995 - Mini-symposium moderator and invited speaker, American College of Rheumatology
1996 - American Association for the Advancement of Science, Science Exposition annual meeting
1996 - American Association of Immunologists annual meeting, Mini-symposium Chair
1996 - FASEB Summer Conference on Protein Phosphatases
1996 - Central Society for Clinical Research, Session Chair, State of the Art speaker
1996 - American College of Rheumatology Mini-symposium moderator and speaker
1996 - Tokyo Institute of Neurosciences symposium on Protein Phosphatases, session chair and speaker
1997 - Midwest Inflammation Symposium
1997 - Autoimmunidad y Trasplante, Club de Immunologia Experimental, Caracas, VZ
1997 - EMBO workshop on lymphocyte activation, Siena, Italy
1997 - Immunobiology and Immunochemistry Gordon Conference, Colby College, NH
1997 - International Symposium and Signal Transduction in neuronal and Immune Systems, Tokyo, session chair and speaker
1998 - Keystone Symposium on lymphocyte activation, differentiation, and death, Keystone, CO mini-symposium chair and speaker
1998 - FASEB summer conference, Saxton River, Vermont
1998 - Visiting Professor, University of Chicago Annual Immunology Retreat
1999 - Annual meeting, American Association of Allergy, Asthma, and Immunology, Orlando, FL
1999 - Annual meeting, Clinical Immunology Society, Washington, DC
1999 - European Network of Immunology Institutes, Les Embiez, France
1999 - Arthritis Research '99, Alexandria, VA
1999 - University of Pennsylvania Institute for Human Gene Therapy, 7th Annual Retreat, Absecon, NJ
1999 - EMBO Workshop on Lymphocyte Activation, Siena, Italy
1999 - Autumn Immunology Conference, Chicago, IL

2000 - Boehringer Ingelheim Fonds International Titisee Conference, Signal processing through Protein Complexes, Germany
2000 - American Association of Immunologists National Meeting, Seattle WA, Session chair
2000 - FASEB Summer conference on Signal Transduction in the Immune System
2000 - Gordon Conference on Thrombosis and Hemostasis
2000 - Aegean Conference on Signal Transduction through Lymphocyte Receptors
2000 - Academia Mexicana de Ciencias
2000 - Crohn's Foundation meeting on Signal Transduction
2001 - Asilomar Midwinter Immunology Conference
2001 - Lautenberg Cancer Center Retreat, Jerusalem, Israel, Keynote speaker
2001 - La Jolla Institute for Allergy and Immunology Meeting on Signal Transduction
2001 - Cold Spring Harbor Symposium on Tyrosine Kinases, Session Chair
2001 - German Immunological Society
2001 - 647th Meeting of the UK Biochemical Society, Dublin, Eire
2001 - Texas Immunology meeting, Keynote
2002 - National Hospital, Oslo, Norway
2002 - Keystone Symposium on T Lymphocyte Activation, Differentiation and Death, session co-chair
2002 – Kyoto T Cell Conference (Session Chair) Kyoto, Japan
2002 - EMBO Workshop on Lymphocyte Activation, Siena Italy, co-organizer
2002 - FASEB Summer conference on Receptors and Signal Transduction
2002 - FASEB Summer conference on Transplantation Immunology
2002 - Tatra Immunology Conference, Slovakia
2002 - Gordon Conference on Immunochemistry (Session Chair)
2002 - British Society of Immunology, Harrogate UK
2003 – International Symposium on Regulation of Immune Response in Health and Disease, Osaka, Japan
2003 – American Association of Immunologists 90th Anniversary Symposium (co-chair), Denver, CO
2003 – Royal Danish School of Pharmacy, Copenhagen, Denmark
2003 - FASEB Summer Conference on Signal Transduction in the Immune System, (co-organizer), Snowmass, CO
2003 – AAAAI Annual Meeting, Denver, CO
2003 – American Transplant Congress, San Diego, CA
2003 – AAI Basic Immunology Course, Philadelphia, PA (Instructor)
2003 – First International Symposium of the Research Center Immunology, Magdeburg-Halle, Germany
2003 – American Society of Nephrology Annual Meeting, Washington, DC
2003 – US/Japan Symposium for Integrated Medical Sciences, Philadelphia, PA
2004 – Keystone Symposium on Lymphocyte Activation (co-organizer), Steamboat Springs, CO
2004 – Gordon Conference on Immunochemistry (Chair), Santa Barbara, CA
2004 – Mexican Society of Immunology, Oaxaca, Mexico
2004 – Symposium on Signal Transduction in Normal and Cancer Cells, Banff, Alberta, Canada
2004 – American Academy of Allergy, Asthma and Immunology 2004 Annual Meeting, San Francisco, CA
2004 – American Association of Immunologists Annual Meeting, Experimental Biology 2004, Washington, DC
2004 – AAI Basic Immunology Course, Philadelphia, PA (Instructor)
2004 – Cold Spring Harbor Symposium on Gene Expression & Signaling in the Immune System
2004 - NIAMS IRP Retreat, Gettysburg, PA
2004 – 5th Annual Conference of the Federation of Clinical Immunology Societies (FOCIS), Montreal, Canada
2004 - 12th International Conference on Second Messengers and Phosphoproteins, Montreal, Canada
2004 – 4th EMBO Conference on Lymphocyte Activation (co-organizer), Siena, Italy
2004 – Federation of the European Biochemical Societies International Summer School, Ionian Village, Greece
2004 - First Basel Immunology Focus (BIF) Symposium, Basel, Switzerland
2004 – Instituto Juan March de Estudios e Investigaciones, Madrid, Spain
2005 – Mast Cell Signalling and Function in Health and Disease Workshop, Eilat, Israel
2005 – American Society of Transplantation, Seattle, WA
2005 – FASEB Summer Conference on "Signal Transduction in the Immune System" (Organizer), Snowmass, CO
2005 – The 1st Annual Finnish Immunology Meeting, Turku, Finland
2005 – AAI Basic Immunology Course, Philadelphia, PA (Instructor)
2005 – MD/PhD Directors' & Administrators' Conference, Keystone, CO
2005 – Gordon Research Conference on Immunochemistry & Immunobiology (Chair), Oxford, UK
2005 – Genetic control of T Cell Activation Workshop, Lofoten, Norway

2005 – FASEB Summer Research Conference on "Receptors and Signal Transduction", Snowmass, CO
2006 – Keystone Symposium on "Lymphocyte Activation and Signaling" (Co-organizer), Keystone, CO
2006 – AAAAI Annual Meeting, "Signaling in Allergic Disease", Miami Beach, FL
2006 – Cold Spring Harbor Laboratories, "Gene Expression and Signaling in the Immune System", Cold Spring Harbor, NY
2006 – AAI Basic Immunology Course, Philadelphia PA (Instructor)
2006 – Third Annual Dundee Cell Signaling Symposium, University of Dundee, Scotland
2006 – La Jolla Institute for Allergy & Immunology Inauguration Symposium
2006 – Gordon Research Conference on "Growth Factor Signaling", New London, CT
2006 – Interurban Clinical Club, Philadelphia, PA
2007 – Gordon Research Conference on "Immunochemistry and Immunobiology", Session Chair
2007 – Arthritis Research Conference, Stone Mountain, GA
2007 – 5th EMBO Conference on Lymphocyte Activation, Sienna, Italy
2007 – FASEB Summer Conference on "Lymphocytes and the Immune System", Snowmass, CO
2007 – Schering Foundation Scientific Symposium, Berlin, Germany
2007 – FASEB Summer Conference on "Lipid Signaling Pathways", Indian Wells, CA
2007 – FEBS Summer School, Hvar, Croatia
2007 – EFIS Symposium, Hungary
2008 – Keystone Symposium on Lymphocyte Activation and Signaling, Snowbird, UT
2008 – Grand Rounds, Dept. Medicine, University of Pennsylvania
2008 – Mexican Society for Immunology, Huatulco, Mexico
2008 – University of California, San Francisco Rheumatology Retreat
2008 – AAI Basic Immunology Course, Philadelphia, PA (Instructor)
2008 – Symposium on Personalized Medicine, Beckman Coulter, Fullerton, CA
2008 – FASEB Summer Conference on "Immunoreceptors", New Haven, CT
2008 – American College of Rheumatology, Annual Scientific Meeting
2008 – Cantoblanco Workshop on Initiation of Antigen Receptor Signaling, Madrid, Spain
2008 – Korean Association of Immunologists, Seoul, Korea
2009 – FASEB Summer Research Conference on "Receptors and Signal Transduction", Snowmass, CO
2009 – Immune Regulation Symposium, CRC, Bonn, Germany
2009 – AAI President's Symposium – Signal Transduction in the Immune System, Seattle, WA
2009 – Aegean Conference, 5th Leukocyte Signal Transduction Workshop (Co-Organizer), Athens, Greece
2009 – FASEB, Signal Transduction in the Immune System, Snowmass Village, CO
2009 – AAI Basic Immunology Course, Philadelphia, PA (Instructor)
2009 – 6th EMBO Conference on Lymphocyte Activation, Sienna, Italy (Co-Organizer)
2010 – Keystone Symposia on Lymphocyte Activation and Gene Expression, Breckenridge, CO
2010 – AAI Basic Immunology Course, Philadelphia, PA (Instructor)
2010 – From Genes to Pathogenesis of Multiple Sclerosis, Lofoten Islands, Norway
2010 – AAMC GREAT Group Annual Meeting, New Orleans, LA
2010 –University of Pennsylvania/University of Iceland Translational Research Symposium, Reykjavik, Iceland

Invited Presentations Pending
2011 – 7th EMBO Conference on Lymphocyte Activation, Sienna, Italy (Co-Organizer)
2011 – 2011 FASEB Summer Research Conference on Signal Transduction in the Immune System, Snowmass, CO (Session chair)
2011 – 6th RIKEN Research Center for Allergy and Immunology International Summer Program, Yokohama, Japan

GRANT SUPPORT ACTIVE
1995-2017 National Institutes of Health MERIT Award, 2R37 GM53256 (PI), "Identification of Novel Substrates of the TCR Kinase"
2000-2015 National Institutes of Health, 5P30 CA16520 (Thompson, PI; Koretzky, Co-Leader, Immunobiology Program), University of Pennsylvania Cancer Center Core Support Grant
2002-2012 National Institutes of Health, P01 CA93615 (PI), "Temporal and Spatial Organization of Signaling Complexes in T and B Cells"
2007-2012 National Institutes of Health, 2T32 AR007442 (PI), Training Program in Rheumatic Diseases
2009-2014 National Institutes of Health, R01 AI082292 (Hammer, PI; Koretzky, Co-PI), "Simulation of Lymphocyte Adhesion using Integrated Adhesive Dynamics"

GRANT SUPPORT Pending

2011-2016 National Institutes of Health, P30 (PI), Penn/ Rheumatic Disease Research Core Center
2011-2016 National Institutes of Health, NIDDK, R01 (Kiriakidou, PI; Koretzky, Co-PI), Immune system modulation by miR-21 in mouse lupus
2011-2013 National Institutes of Health, R21 (Jordan, PI; Koretzky, Co-PI), Function of an Innate-like CD8+ T Cell Subset and Its Regulation by Eomesodermin

MENTOR-DEPENDENT SUPPORT FOR TRAINEES

1995 Lupus Foundation of America Summer Research Program (Stacie Beaves, undergraduate)
1996-1999 Arthritis Foundation Postdoctoral Fellowship (James Clements, PhD), "Function Characterization of SLP-76 and its Associated Proteins"
1996-2001 National Institutes of Health K08 (Erik Peterson, MD), "CD45 Regulation of Antigen Receptor Signaling"
1997 American College of Rheumatology Summer Research Internship (Laurie Carr, Medical Student)
1998-2000 American Heart Association Student Fellowship (Lyse Norian, Immunology Graduate Student)
1998-2001 National Institutes of Health F32 (Fellow Award, Nancy Boerth, PhD).
1999-2001 American Heart Association Student Fellowship (Peggy Myung, Physiology Graduate Student)
2001-2003 American Heart Association Student Fellowship (Sally Newbrough-Dmowski, Immunology Graduate Student)
2001-2006 Arthritis Foundation Arthritis Investigator Award (Erik Peterson, MD)
2002-2005 Cancer Research Institute Postdoctoral Fellowship (Martha Jordan, PhD)
2002-2003 National Institutes of Health K08 (Geo Derimanov, MD)
2002-2003 National Kidney Foundation (Jonathan Maltzman, MD, PhD) "Molecular Regulation of ADAP in Hematopoietic Cells"
2003-2008 National Institutes of Health K08 (Jonathan Maltzman, MD, PhD) "Role of SLP-76 in Naïve and Memory T Cell Function"
2005-2009 Arthritis Investigator Award (Martha Jordan, PhD) "The Role of SLP-76 Tyrosine Phosphorylation in T Cell Development and Function"
2006-2011 National Institutes of Health K08 (Taku Kambayashi, MD, PhD) "The Role of Adapter Molecules in Mast Cell Function"
2007-2012 National Institutes of Health K01 (Martha Jordan, PhD) "The Role of SLP-76 Domains in Thymocyte Development and T Cell Function"
2007-2009 American Heart Association Pre-doctoral Fellowship (Rebecca Baker) "Functional Impact of a Raft-Excluded SLP-76 on T-cell Development and Function"
2009-2014 National Institutes of Health K08 (Edward Behrens, MD) "Mechanism and Therapeutic Use of Complement Receptor 3 Signaling in Modulating Autoimmunity"
2010-2015 National Institutes of Health K08 (Matthew Riese, MD, PhD) "Effects of diacylglycerol kinase zeta deficiency on CD8+ T cell function"
2010-2013 Arthritis Foundation Postdoctoral Fellowship (Scott Lieberman, MD, PhD) "$CD4^{+}Foxp3^{+}$ Regulatory T Cell Analysis by Anatomical Location"

MENTOR-DEPENDENT SUPPORT FOR TRAINEES Pending:

2011-2016 National Institutes of Health K08 (Antonella Cianferoni, MD, PhD) "The role of iNKTs in Eosinophilic Esophagitis"

PAST GRANT SUPPORT

1989-1992 Postdoctoral Research Fellowship, Arthritis Foundation, "Heterogeneity of PKC Isoenzymes in Human T Lymphocytes".
1990-1991 Research Education and Allocation Committee, University of California, San Francisco, "The Role of CD45 in T Cell Receptor Signal Transduction"
1994 Student Fellowship for Stacie Beaves, Lupus Foundation, "Expression of HCP in CD45-deficient cells"
1992-1995 National Institutes of Health, 1 R01 CA56050, "CD45 Regulation of T Cell Receptor Signal Transduction"
1993-1994 Cystic Fibrosis Foundation Research and Developmental Program, "Assessment of the Immune Response to a Vector Designed for Cystic Fibrosis Gene Therapy".
1991-1996 National Institutes of Health, 1R29 CA56843, "CD45 Regulation of T Cell Receptor Signal Transduction".
1994-96 "Identification of Ligands for Orphan Receptors" Carver Trust at the Univ of Iowa
1993-1998 VA Merit Review (co-investigator, 5% effort; Principal Investigator, Gail Bishop, PhD) "The Immunoglobulin Molecule as a B Cell Signal Receptor"

1993-98 National Institutes of Health Program Project Grant, 1P01 HL51670 "Gene Therapy for Cystic Fibrosis Lung Disease" (Michael Welsh, MD, program director).
1994-1999 Kelting Chair in Rheumatology, University of Iowa
1994-1999 American Heart Association, Established Investigator Award
1999 BASF Corp. "Development of cell-based assay for potential inhibitors of TCR signaling"
1998-2000 National Institutes of Health RO1 AI41146, "Transcriptional regulation of CD95 in T cells and a Sertoli cell line"
1997-2000 Arthritis Foundation, "Regulation of Apoptosis by CD95 and CD95 Ligand"
2000-2002 National Institutes of Health RO1 CA89682 "Structure/function analysis of SH2 domain containing phosphoprotein of 76kDa"
1996-2001 National Institutes of Health, Program Project Grant, "Molecular Mechanisms of Lymphocyte Activation" 1P01 CA66570 Program Director, Project Leader, Project 1 (continuation of RO1 CA56050), Core Leader (one scientific core, one administrative core)
1999-2004 National Institutes of Health RO1 HL65101, "The role of SLP-76 in signal transduction in platelets"
2005 - NIAID/NIH, R13 AI065155-01 "Signal Transduction in the Immune System-FASEB Conference"
2005 - NIAID/NIH, R13 AI066521-01 "2005 Immunochemistry and Immunobiology Gordon Conference"
2006 - NIAID/NIH, R13 AI068311-01 "Lymphocyte Activation and Signaling-Keystone Symposium"
2001-2006 National Institutes of Health R01 AI38968 (M. Tykocinski, Principal Investigator), "Placental protein 14 as a unique immunoregulator"
2002-2006 Sandler Program for Asthma Research, "The Role of Adapter Proteins in Mast Cell Function"
2004-2010 National Institutes of Health, R01 AI061039 (PI), "Regulation of PMN activation by SLP-76, PRAM-1 and ADAP"
2003-2011 National Institutes of Health, R01 AI58019 (PI), "Regulation of T cell and mast cell function by DGKζ"

UNITED STATES PATENTS
08/774,061 Composition of SLAP-130, a SLP-76 associated protein, and methods of use thereof, 12/96
09/013,687 Non-human animal having a functionally disrupted SLP-76 gene, 1/98

CONSULTING AGREEMENTS

1994-2004	BASF Biosciences/Abbott Laboratories
2000-present	Rigel Inc.
2005	Keryx Biopharmaceuticals Inc.
2006-present	Pfizer (formerly Wyeth) Research

INVITED TALKS (since 2000):
2000 Tufts University, Medford, MA
2000 AstraZeneca, Lund, Sweden
2000 Oxford University, UK
2000 Columbia University, New York, NY
2000 Imperial Cancer Research Fund, London, UK
2000 Blood Research Institute, Milwaukee, WI
2000 University Of Vermont, Burlington, VT
2000 University of Michigan, Ann Arbor, MI
2000 University of Texas Southwestern Medical Center, Dallas, TX
2000 American Red Cross, Holland Laboratories
2000 Washington University, St. Louis, MO
2001 University of Illinois College of Medicine, Chicago, IL
2001 Bristol-Myers Squibb Pharmaceutical Research Institute Princeton, NJ
2001 Pennsylvania State University
2001 University of California at Berkeley, Berkeley, CA
2001 University of California at San Francisco, San Francisco, CA
2001 Cornell University, Ithaca, NY
2001 Rockefeller University, New York, NY
2001 Technion, Haifa, Israel
2001 Roswell Park Cancer Institute
2001 University of Maryland, College Park, MD
2001 Cornell University Medical College, New York, NY

2001 Medical College of Virginia, Richmond, VA
2001 University of Virginia, Richmond, VA
2001 Twinbrook Campus Seminar Series - NIH
2002 Harvard University, Cambridge, MA
2002 University of Massachusetts, Boston, MA
2002 Medical College of Virginia, Richmond, VA
2002 Johns Hopkins University, Baltimore, MD
2002 Rigel Corporation, Gainesville, FL
2002 Pfizer Lecture at IRCM, Montreal
2002 Institute of Genetics, Prague
2002 Vanderbilt University, Nashville, TN
2002 Yale University, New Haven, CT
2003 New York University, New York, NY
2003 California Institute of Technology, Pasadena, CA
2003 Emory University, Atlanta, GA
2003 La Jolla Institute for Allergy & Immunology, La Jolla, CA
2003 St. Jude's Children's Research Hospital, Memphis, TN
2003 National Hospital, Oslo, Norway
2003 University of Texas, Austin, TX
2003 University of Washington, Seattle, WA
2003 University of Toronto, Toronto, ON
2003 Academia Mexicana de Ciencias, Mexico City
2004 National Institutes of Health, Bethesda, MD
2004 Harvard University, Cambridge, MA
2004 Massachusetts General Hospital, Boston, MA
2004 Stanford University, Stanford, CA
2004 Robert Wood Johnson School of Medicine, New Brunswick, NJ
2004 University of Michigan, Ann Arbor, MI
2004 Abbott Immunology
2004 Scripps Institute, La Jolla, CA
2004 Trudeau Institute, Saranac Lake, NY
2004 Rigel, Inc., South San Francisco, CA
2004 Genomics Institute, Novartis Research Foundation, San Diego, CA
2004 University of Western Ontario, Ontario, Canada
2004 University of Minnesota, Minneapolis, MN
2005 Duke University, Durham, NC
2005 University of Iowa, Iowa City, IA
2005 Johns Hopkins University, Baltimore, MD
2005 Academia Mexicano de Ciencias, Mexico City
2005 Rigel, Inc. South San Francisco, CA
2005 University of Vermont, Burlington, VT
2005 Columbia University, New York, NY
2006 Wyeth Pharmaceuticals, Madison, NJ
2006 New York University, New York, NY
2006 Scripps Research Institute, Jupiter, FL
2006 Washington University, St. Louis, MO
2006 State University of New York Upstate Medical Center (Grand Rounds), Syracuse, NY
2006 University of Michigan (Keynote Speaker)
2006 State University of New York, Stony Brook, NY
2006 Rigel Inc. South San Francisco, CA
2006 University of Washington, Seattle, WA
2006 Vanderbilt University, Nashville, TN
2007 Centro Nacionale de Biotecnologia/CSIC, Madrid, Spain
2007 Case Western Reserve University, Cleveland, OH
2007 SUNY, Upstate Medical Center, Syracuse, NY
2007 NIH/NCI Branch Seminar
2007 EFIS Symposium, Budapest, Hungary

2007 NIH/IIG Annual Immunology Retreat, Airlie, MD
2007 Yale University, New Haven, CT
2007 Jefferson University Medical College, Philadelphia, PA
2007 APM Physician-Scientist Initiative Consensus Conference, Washington, DC
2007 Int'l Symposium on Dysregulation of Cell Communication in Immune and Neuronal Cells, Magdeburg, Germany
2007 Temple University, Philadelphia, PA
2008 Scripps Institute, La Jolla, CA
2008 University of Chicago, Chicago, IL
2008 University of California, San Francisco, CA
2008 La Jolla Institute for Allergy & Immunology, La Jolla, CA
2008 National Jewish Center, Denver, CO
2008 Pasteur Institute, Paris, France
2009 Rutgers University, New Brunswick, NJ
2009 Feinstein Institute, Manhasset, NY
2009 Columbia University, College of Physicians & Surgeons, New York, NY
2009 Villanova University, Villanova, PA
2009 University of Texas Southwestern Medical Center, Dallas TX
2010 The Children's Hospital of Pittsburgh, Pittsburgh, PA
2010 Tufts University Medical School, Boston, MA
2010 UCSF Immunology Seminar Series, San Francisco, CA

Invited Talks, Pending

2011 Temple University, Philadelphia, PA
2011 NIH/NIAID Immunology Interest Group Lecture Series
2011 Ohio State University Medical scientist Program Quarterly Faculty Forum

GARY KORETZKY, M.D., Ph.D.
BIBLIOGRAPHY

Original Articles

1. Koretzky, G., Daniele, R. and Nowell, P. A phorbol ester (TPA) can replace macrophages in human lymphocyte cultures stimulated with a mitogen but not with an antigen. *J. Immunol*. **128**:1776-80, 1982.

2. Koretzky, G., Daniele, R., Greene, W. and Nowell, P. Evidence for an interleukin-independent pathway for human lymphocyte activation. *Proc. Natl. Acad. Sci. USA* **80**:3444-47, 1983.

3. Koretzky, G., Elias, J., Kay, S., Nowell, P. and Daniele, R. Spontaneous production of IL-1 by human alveolar macrophages. *Clin. Immunol. Immunopathol*. **29**:443-50, 1983.

4. Reed, J.C., Tadmori, W., Kamoun, M., Koretzky, G. and Nowell, P. Suppression of interleukin-2 receptor acquisition by monoclonal antibodies recognizing the 50 KD protein associated with the sheep erythrocyte receptor on human T lymphocytes. *J. Immunol.* **134**:1631-39, 1985.

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6. Koretzky, G. A., Picus, J., Thomas, M. L., and Weiss, A. Tyrosine phosphatase CD45 is essential for coupling T cell antigen receptor to the phosphatidyl inositol pathway. *Nature.* **346**:66-8, 1990.

7. Koretzky, G.A., Picus, J., Schultz, T., and Weiss, A. The tyrosine phosphatase CD45 is required for both T cell antigen receptor and CD2 mediated activation of a protein tyrosine kinase and interleukin 2 production. *Proc. Natl. Acad. Sci. USA* **88**:2037-41, 1991.

8. Weiss, A., Koretzky, G., Schatzman, R., and Kadlecek, T. Functional activation of the T cell antigen receptor induces tyrosine phosphorylation of phospholipase Cγ1. *Proc. Natl. Acad. Sci. U.S.A.* **88**:5484-88, 1991.

9. Koretzky, G.A. , Kohmetscher, M., Kadlecek, T., and Weiss, A. Restoration of T cell receptor mediated signal transduction by transfection of CD45 cDNA into a CD45-deficient variant of the Jurkat T cell line. *J. Immunol.* **149**:1138-42, 1992.

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13. Bishop, G. A., Ramirez, L.M., and Koretzky, G.A. Growth inhibition of a B cell clone mediated by ligation of IL-4 receptors or membrane IgM. *J. Immunol.* **150**:2565-74, 1993.

14. Donovan, J., Goldman, F., and Koretzky, G.A. Restoration of CD2-mediated signaling by a chimeric membrane protein including the cytoplasmic sequence of CD45. *Human Immunol.* **40**:123-130, 1994.

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