*CURRICULUM VITAE*

***James Samuel Malter, M.D.***

***Office and Mailing Address:***

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 UT Southwestern Medical Center

 Dallas, Texas 75390-9072

 214-648-4025 (secretary), 214-648-1117 (lab),

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 E-Mail: james.malter@utsouthwestern.edu

***Home Address:***

 1204 North Windomere

 Dallas, Texas 75208

 214-943-5902

***Date of Birth:*** May 18, 1956

***Place of Birth:*** Toolele, Utah

***Marital Status:*** Married; Elaine Malter

***Education:***

1983, M.D., Washington University School of Medicine, St. Louis, MO

1979, A.B., *cum laude*, highest distinction, Biochemistry, Dartmouth College, Hanover, NH

1974, *cum laude*, Milton Academy, Milton, Mass.

***Postgraduate Training:***

1987-88 Chief Resident, Laboratory Medicine

 Hospital of the University of Pennsylvania, Philadelphia, PA

1985-88 Research Associate, Department of Pathology & Laboratory

 Medicine, University of Pennsylvania, Philadelphia, PA.

1983-88 Laboratory Medicine Resident, Department of Pathology & Laboratory Medicine

 Hospital of the University of Pennsylvania, Philadelphia, PA.

***Academic Appointments:***

2011 - Professor and Chair; Senator Betty and Dr. Andy Andujar Distinguished Chairman in Pathology, University of Texas Southwestern Medical School

2004-11 Associate Director for Biological Sciences, Waisman Center for Developmental Disabilities, UW-Madison

2003-10 Cell and Molecular Neuroscience Core Leader, Intellectual and Developmental Disabilities Research Center (IDDRC), Waisman Center

2002-11 Investigator, Waisman Center

1997-11 Professor, Dept of Pathology and Laboratory Medicine, University of Wisconsin School of Medicine and Public Health, Madison, WI

1993-95 Acting Chair, Dept of Pathology and Lab Medicine, University of Wisconsin School of Medicine and Public Health

1992-97 Associate Professor, Dept of Pathology and Laboratory Medicine, University of Wisconsin School of Medicine and Public Health

1991-92 Assistant Professor, Dept of Pathology and Laboratory Medicine, University of Wisconsin School of Medicine and Public Health

1991-2008 Investigator, UW Comprehensive Cancer Center

1988-91 Assistant Professor, Depts of Pathology and Pharmacology, Tulane University School of Medicine, New Orleans, LA

1987-88 Instructor, Dept of Pathology & Laboratory Medicine, U of Pennsylvania School of Medicine, Philadelphia, PA

1983-87 Asst Instructor, Department of Pathology & Laboratory Medicine, University of Pennsylvania, School of Medicine, Phil, PA

***Clinical Service Appointments:***

2002-2008 Acting Co-Director and Medical Director, Molecular Diagnostics Laboratory, UW Hospital

1991-2011 Director, Transfusion Service, University of Wisconsin Hospital and Clinic (includes Therapeutic Apheresis, Blood Bank and Infusion Center)

1989-91 Director of Blood Center, Tulane University Medical Center, New Orleans, LA (included Donor Center, Therapeutic and Donor Apheresis and Transfusion Service)

1988-91 Director, Division of Experimental and Molecular Pathology, Department of Pathology, Tulane University Medical Center, NO, LA.

1988-91 Director, Flow Cytometry Laboratory, Department of Pathology, Tulane University Medical Center, NO, LA.

***Specialty Certification:***

 Clinical Pathology: 11/88

 Blood Banking/Transfusion Medicine: 7/99

***Licensure (current):***

 Texas – Distinguished Professor temporary license (Exp. 7/27/2012)

 Wisconsin #32781

***Awards & Honors:***

1998 Member, American Society for Clinical Investigation (ASCI)

1993 Nominee-Romnes Fellow, University of Wisconsin, Madison, WI

1987 Outstanding Young Investigator, Academy of Clinical Laboratory
Physicians & Scientists

1986-88 NIH National Research Service Award

1985-86 Departmental Endowment Award, Department of Pathology & Laboratory Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA

1978-89 Rufus Choate Scholar, Biochemistry - Dartmouth College

***Regular Reviewer:***

 Hepatology

 Journal of Molecular Biology

 Nucleic Acids Research

 Blood

 Infection and Immunity

 J Cell Science

 Brain Research

 American J of Hematology

 J of Immunology

 J of Neuropathology and Experimental Neurology

 Biochemia and Biophysics Acta

 J Cellular Physiology

 J Biological Chemistry

 Developmental Genetics

 European J Biochemistry

 J Neurochemistry

 EMBO J

 Molecular and Cell Biology

 J Experimental Medicine

 Genes and Development

 J Cell Biology

 Annals of Surgery

 J Leukocyte Biol

 Nature Immunology

 Exp Lung Research

 Science

 Science Signaling

 Cell Death and Differentiation

***Memberships:***

 American Association for the Advancement of Science

 American Society for Investigative Pathology

 American Society of Biochemistry and Molecular Biology

 American Association of Blood Banks

 American Society for Clinical Investigation

***National Service:***

 NIH, Biochemistry Study Section, Ad Hoc Reviewer, 1989

 United States Department of Agriculture, Reviewer, 1989-91, 1998-99

 NSF (U.S.), External Reviewer, Molecular Biochemistry, 1992-98

 VA Merit Review-Hematology, External Reviewer, 1992-98

 University Hospitals Consortium, 1993-98

 Guthrie Research Institute, External Reviewer, 1993-94

 NIH, Physiologic Biochemistry Study Section, Ad Hoc Reviewer, 1997

 NIH Molecular, Developmental, Cellular Neuroscience (MDCN-2) Study Section,

 Permanent Member, 1997-2002

 VA Merit Review-Neurobiology D, Permanent Member, 1999-2004

 NIH/NINDS, NSD-C, Ad Hoc Reviewer, 2002

 NIH/NINDS, ZNS1 SRB-M, Ad Hoc Reviewer 2004

 NIH ZRG1 MDCN-F, Ad Hoc Reviewer 2004, 2005

 NIH ZRG1 NOMD-A, Founding Chair, Permanent Member, 2006-08

 NIH ZRG1 MDCN-F, ARRA Challenge Grant Review, Ad Hoc Reviewer, 2009

 NIH ZRG1 MDCN-A(52), ARRA R15 Grant Review, Ad Hoc Reviewer, 2009

 NIH College of Reviewers, Center for Scientific Review, 2010-

 NIH ZRG1 MDCN-N (91) S, Chair, 2010

 NIH ZRG1 MDCN-P (02) M, Chair, 2010

***International Service:***

Manitoba Health Research Council, Canada, External Reviewer, 1992-93, 1998-99

 Swiss National Science Foundation, External Reviewer, 1992-94

 Israel Science Foundation, External Reviewer, 1999, 2002

 Hong Kong Research Council, 2003

 New Zealand Neurologic Foundation, 2006

 National Medical Research Council (Singapore) 2007

 ETH Zurich Research Commission, Switzerland, 2008

 Stichting voor Alzheimer Onderzoek (SAO) - Fondation pour la Recherche sur la Maladie Alzheimer (FRMA), 2008, 2009

 Prinses Beatrix Fonds, Utrecht, The Netherlands, 2010

***Editorial Boards:***

 Hepatology (1990-94)

 International J of Clinical and Experimental Pathology (2006-)

 American J of Translational Research (2009-)

 J Experimental Medicine (2010-)

 Science Signaling (2010-)

***Committees and Service:***

**Tulane University School of Medicine (1988-1991):**

 Institutional Bio-safety Committee

 Quality Care Committee, Tulane Medical Center

 Tulane Medical Center Laboratory Consortium

 Executive Committee of the Laboratory Consortium

 Cell and Molecular Biology Graduate Program Steering Committee

 Cell and Molecular Biology Task Force

 Center for Bioenvironmental Research Task Force

 Volunteer Grant Committee

 Charity Hospital of New Orleans Transfusion Review Committee

 Medical Center Research Instrumentation Committee

 Basic Research Science Grant Committee

**University of Wisconsin, Madison (1991-2011):**

Department of Pathology/Lab Medicine:

 University Physicians Retirement Fund Committee (‘92-96)

 Director, Transfusion Medicine Fellowship Program (1991-2008)

 Seminar Selection Committee (‘92-95)

 Residency Selection and Review Committee (1992-2008)

 Tenure Review Committee (‘92-94)

 University Physicians in Pathology Executive Committee (‘92-95)

 Department Executive Committee (‘92-2011)

 Chair-Search Committee, Hematopathologist (‘92)

 Chair-Search Committee, Neuropathologist (‘92-93)

 Graduate Education Committee (’93-), Director (‘96-‘03), Co-Director (‘08-‘11)

 Chair-Compensation Committee (‘95-‘03)

 Chair-Finance Committee (‘96-‘03)

 Chair-Faculty Mentoring Committee, Linda Sabitini Ph.D. (‘95-98)

 Member-Faculty Mentoring Committee, Mani Mahadevan MD (‘96-‘01)

 Chair-Laboratory Information System Physician Advisory Committee (‘97)

 Utililization Review Steering Committee (‘97)

 Chair-Transfusion Service QA Committee (‘98-present)

 Chair-Faculty Mentoring Committee, Andreas Friedl MD (‘97-‘02)

 Chair-Search Committee, Hematopathologist (‘00-‘01)

 Chair-Faculty Mentoring Committee, Michael Fritsch MD, Ph.D. (‘01-‘07)

 Chair-5 year post tenure review, Alan Rapraeger, Ph.D. (‘01)

 Chair-5 year post tenure review, Terry Oberley MD, Ph.D. (‘02)

 Chair-5 year post tenure review, David Watkins, Ph.D. (‘03)

 Member, Research Committee (2002-‘06)

 Chair-Faculty Mentoring Committee, Luis Fernandez MD,
 Dept of Surgery (‘03-‘11)

 Member, Finance Committee (2006-‘07)

 Chair-5 year post tenure review, Alan Rapraeger, Ph.D. (2007)

 Chair-5 year post tenure review, Dan Greenspan, Ph.D. (2007)

 Chair, Faculty Mentoring Committee, Ken Young, MD, PhD,
Dept of Pathology (2007-‘11)

 Chair-5 year post tenure review, Zsuzsana Fabry, MD, Ph.D. (2009)

University of Wisconsin Medical Foundation (UW Physicians Multispecialty Group Practice)

 Steering Committee (‘93-‘95)

 Operations Subcommittee, (‘93-‘95)

 Compensation Subcommittee (‘93-‘95)

 Governance and Finance Subcommittee (‘93-‘95)

 Board of Directors, University Health Care Inc. (‘93-‘94)

 Board of Directors, Health Professionals Inc, (‘93-‘94)

 Board of Directors, Associated University Physicians, (‘93-‘94)

 Board of Directors, Clinical Practice Plan, (‘93-‘95)

 Search Committee for COO of Medical Foundation (‘94)

 Chair, Breast Cancer Operations Committee (‘94-‘95)

 Chair, Retirement Plan Task Force (‘95)

 Transition Team, UW Medical Foundation (‘95)

 Council of Faculty (1995-2005)

 Alternate Member, Board of Directors (‘95-‘98)

 Chair, Retirement Committee (‘95-2011)

 Chair, Long Range Planning Committee (‘96-‘99)

 Member, Committee Chairs Caucus (‘96-‘01)

 Revenue Enhancement Team (‘01)

 Funds Flow and Integration Team (’01)

 Member, Finance Committee (‘00-’02)

 Member, Fee Committee (‘02-‘11)

 Member, Investment Committee (2006-‘11)

University of Wisconsin Hospital and Clinic:

 Blood Product Utilization Review Committee (‘91-2011), (Chair, ‘92-2011)

 Quality Evaluation and Review Committee (1991- 2005)

 Operating Room Committee-UWHC (‘92- 2011)

 Physicians Advisory Committee-Hospital Information System (‘92-‘95)

 Clinical Standards Subcommittee, UW Hospital and Clinics (‘93-‘95)

 Medical Board (‘93-‘95)

 Member, U Care HMO Scientific Advisory Group (‘94)

 Chair, Albumin Use QA Committee (‘94-‘95, ‘00-‘01)

 Chair, Informed Consent Committee, UWHC (‘94)

 Co-Chair, Long Range Planning Committee, Network Development (‘97)

 Member, Strategic Planning Steering Committee (‘97)

 Member, Cancer Treatment Clinic Planning Committee (‘97-‘98)

 Chair-Blood Procurement Task Force (‘00-’01)

 Member-Performance Improvement Team – Critical Values (‘01-‘04)

 Patient Satisfaction and Quality Committee (2006-‘11)

 IVIG Task Force (2009-‘11)

##### University of Wisconsin Comprehensive Cancer Center

 Program Director, Gene Therapy (‘93-‘94)

 Internal Review Committee, Core Facilities (‘96)

 Administrative Policy Committee (‘94-‘98)

University of Wisconsin School of Medicine and Public Health

 Dean's Seminar Committee (‘93-‘95)

 Faculty Development Committee (‘93-‘95)

 Health Sciences Planning Committee-Core Facilities (‘93-‘94)

 Clinical Chairs Caucus (‘93-‘95)

 Basic Science Chairs Caucus (‘93-‘95)

 Educational Policy Oversight Committee (‘94-‘95)

 Human Genetics Development Committee (‘94-‘95)

 Medical School Clinical/Basic Science Grant Review Committee (‘94-‘96)

 LCME Finance Task Force (‘95)

 Faculty Roles and Rewards Committee (‘94-‘95)

 Committee of Peers, UW Foundation Fund Raising (‘95-2011), Chair (‘96-‘97)

 Academic Compensation Subcommittee (‘99-‘00)

 CTSA Internal Grant Review Committee (2008, 2009, 2010)

 Medical Scientist Training Program Steering Committee (2010-‘11)

##### Waisman Center for Developmental Disabilities, Graduate School, UW-Madison

 Executive Committee (2003-‘11)

 Administration Committee (2004-‘11)

 Nomination Committee (2004-‘11)

 Biomanufacturing Advisory Board (2004-‘11)

 Co-Chair, Space Committee (2006-‘11)

 Co-Chair, Fellowship Awards (2005-‘11)

 Chair, Faculty Mentoring Committee, Anita Bhattacharya, Ph.D. (2007-‘11)

 Member, Faculty Mentoring Committee, Peter Ferrazanno, MD PhD, Dept of Pediatrics (2009-‘11)

 Chair, Faculty Mentoring Committee,
 Mike Wilhelm, MD, PhD, Dept of Pediatrics (2011)

##### University of Wisconsin-Madison

 Undergraduate Molecular Biology Advisory Steering Committee (‘92-2011)

 Undergraduate Molecular Biology Advisor (‘92- 2011)

 Faculty Senate-Alternate (‘93-‘99)

 Faculty Senate (‘00-‘04)

 Member, Institutional Biosafety Committee (‘97-‘00)

 Member, Advising and Orientation Comm., Cell and Mol Biology
Grad Program (‘98-‘01)

 Member, Graduate School Research Committee, (‘98-’01, ‘03)

 Elected Member, Biological Sciences Tenure and Promotion Committee (‘01-‘04)

 Pew Scholars Internal Review Committee (‘02-‘04, ‘06, ‘09)

 University-Industrial Grant Review (‘03)

 Member, Gene Therapy Faculty Cluster Search Committee (2005)

 Member, Synaptic Plasticity Faculty Cluster Search Committee (2006)

 Chair, Neurodevelopmental Genetics Faculty Search Committee (2007)

 Member, Translational Neuroscience Cluster Search Committee (2009-‘10)

 Member, Recreational Sports Board (2009-‘12)

 Chair, Recreational Sports Board (2010-‘11)

 Chair, Scientific Advisory Board, WiCell (2010-‘11)

##### University of Texas Southwestern Medical Center - Dallas

 Member, Revenue Cycle Committee (2011-‘12)

 Member, Revenue Cycle Sub-Committee, ICD-10 Readiness Assessment (2011-’12)

 Member, Professional Liability Advisory Committee (2011-’12)

 Member, Dean’s Advisory Committee (2011-’12)

 Member, Faculty Advisory Council (2011-’12)

 Member, VA Advisory Council (2011-’12)

 Member, Administrative and Business Affairs Subcommittee (2011-’12)

 Member, Clinical Planning Subcommittee (2011-’12)

***American Red Cross, Badger-Hawkeye Region, Madison, WI:***

 Member, Blood Services Board of Directors (‘92-‘98)

 Member, Medical Advisory Committee (1992-2011)

 Member, CEO Search Committee, Badger/Hawkeye Region (‘97-‘98)

#### LifeSource Blood Services, Chicago, IL

 Member, Board of Directors (‘02-‘04)

 Member, Quality Committee (‘02-‘04)

## Other

 Madison Rotary Club (1995- 2011)

***Advisor to Graduate Students/Postdoctoral Fellows:***

Lee Ann MacMillan- M. S., 1990- Pharmacology, Tulane University

 Issac Rondon- Ph. D., 1993- Pharmacology, Tulane University

 Bing Carter, Ph.D., Postdoctoral fellow, 1990-‘91

 Paul Gillis, BS, 1990-‘91

 Ying Hong, MD, Postdoctoral Fellow, 1990-91

 Charles Carroll- Ph. D., Cell and Molecular Biology, UW-Madison, 1994-‘96

 (Recipient Howard Hughes Predoctoral Training Award, 1994-‘96)

 Jason Jarzembowski- Ph. D., Pathology, UW-Madison, 1998

 (Recipient Molecular Biosciences Training Grant stipend, 1996-‘98)

 Hassan Zaidi, Ph. D., Postdoctoral Fellow, 1992-‘95

 Laksman Rajagopolan, Ph. D., Postdoctoral Fellow, 1992-‘96

 Rafat Abounar, M.D., Postdoctoral Fellow, 1994-‘95

 Randy Horwitz, M.D., Ph. D., Postdoctoral Fellow, 1996-

 Cara Westmark Ph. D., Postdoctoral Fellow 1995-

 (Recipient Institute on Aging Training Grant Postdoctoral Fellowship, ‘96-’99)

 Saswati Bhattacharya Ph. D., Postdoctoral Fellow 1995-‘02

 Larry Parnell Ph. D., Postdoctoral Fellow 1995-‘97

 Stephane Esnault Ph. D., Postdoctoral Fellow 1997-‘02, Asst Scientist (‘02-‘08)

 Arlene Van Vliet Ph. D., Postdoctoral Fellow 1997-‘98

 Matt Rank, UW-Madison undergraduate, 1997

 (Recipient Howard Hughes/NSF Undergraduate Research Award)

 Jeff Ruth Ph. D., Postdoctoral Fellow, 1997-9

 Rebecca Manitses Ph. D., Postdoctoral Fellow, 1997-8

 Hyun Shin Ph.D., Postdoctoral Fellow, 1998-01

 Syrus Soltaninassab Ph.D., Postdoctoral Fellow, 1999-‘02

 (Recipient Institute on Aging Training Grant Postdoctoral Fellowship, ‘99-’02)

 Francoise Gourronc, Ph. D., Postdoctoral Fellow, 1999-‘01

 Hisam Goueli, UW- Madison undergraduate, Senior Honor’s Thesis,
Molecular Biology, 1999-2000

 Virginia Bartelson, UW-Madison undergraduate, Independent Research (2000-‘01)

 Virginia Bartelson, UW-Madison undergraduate, Senior Honor’s Thesis,
Molecular Biology, 2001-‘02

 Peter Todd, MD/PhD candidate, Neuroscience Training Program, PhD awarded (’02)

 Peter Spear, UW-Madison undergraduate, Independent Research, (2001)

 Maria Ujue Latasa, PhD Candidate, Department of Medicine,
University of Navarra Pamplona, Spain (2001)

 Dongzue Lu, Ph. D., Postdoctoral Fellow (‘01-‘02)

 Amit Dande, PhD candidate, Pathology Graduate program (‘01-‘04),
MS-Pathology, 2004

 Pamela Westmark PhD, Postdoctoral Fellow (‘02-08), Asst Researcher (’08-‘11)

 (Recipient Institute on Aging Training Grant Postdoctoral Fellowship)

 Tajamul Hussain PhD, Postdoctoral Fellow (‘02-05)

 Esra Gurel PhD, Postdoctoral Fellow (‘02-’04)

 Zafer Gurel PhD, Postdoctoral Fellow (‘02-’04)

 Cheryl Soref, PhD, Postdoctoral Fellow (‘02-05)

 Oleg Broytman, Neuroscience Training Program, Ph.D., (2009)

 Zongjian Shen PhD, Postdoctoral Fellow (‘02-08), Asst Scientist (’08-‘11)

 Meggan Czapiga Ph.D., Postdoctoral Fellow (‘02-‘03)

 Wenxue Ma, Ph.D., Postdoctoral Fellow (‘04-‘05)

 Suqing Wang Ph.D,. Postdoctoral Fellow (‘04-‘06)

 Brook Simon, MS, Cellular and Molecular Biology Program (2004-‘06)

 Keith Hanson, MD/PhD candidate (2007-‘08)

 Qifa Xie, Ph.D., Postdoctoral Fellow (2008-‘09)

 Haiyan Chu Ph.D., Postdoctoral Fellow (2008-‘11)

 Kelsey Stein, UW-Madison Undergraduate Research Scholar (2008-‘11)

 Brian Ray, UW-Madison Undergraduate (2008-‘11)

 Utibe Bickham, PhD candidate, Pathology Graduate program (2009-‘11)
(Recipient AOF scholarship and Biotechnology Training Grant support).

***Thesis Committee Member: (all at UW)***

 Sharash Rai, Dept of Pathology Graduate Program, Ph.D., ‘96

 Seungbok Lee, Dept of Pathology Graduate Program, Ph.D., ‘97

 Dan Streblow, Dept of Pathology Graduate Program, Ph.D.. ‘96

 Rashid Mosavinasab, Dept of Pharmacology Graduate Program, Ph.D, ‘96

 Yah Ma, Dept of Biochemistry Graduate Program, M.S., ‘94

 Phil Watson, Cell and Molecular Biology Graduate Program, PhD, 2004

 Paul Boyston, Cell and Molecular Biology Graduate Program, Ph.D., ‘97

 Steve Schwarze, Cell and Molecular Biology Graduate Program, Ph.D., ‘97

 Deborah Fuller, Dept of Pathology Graduate Program, Ph. D., 2000

 Bianca Mothe, Dept of Pathology Graduate Program, Ph. D. 2002

 Rebecca Aron, Biomolecular Chemistry Training Program, PhD, 2006

 Thor Stein, Neuroscience Training Program, Ph.D., 2003

 Alexandra Adriano. Biomolecular Chemistry Training Program, MS 2005

 Haichen Dong, Cellular and Molecular Pharmacology, PhD, 2006

 Melanie Molitor, Dept of Pathology Graduate Program, PhD, 2006

 Andrea Weiler, Dept of Pathology Graduate Program, MS, 2006

 Jill Schartner, Dept of Pathology Graduate Program 2005-‘11

 Dan Kelley, Neuroscience Training Program, PhD, 2008.

 Erin Gonzalez, Genetics Graduate Program 2005-‘11

 Nick Manoss, Pathology Graduate Program 2009, Ph.D., 2009

 Hui Li, Neuroscience Training Program 2006-‘11

 Melissa Harris, Neuroscience Training Program 2008-‘11

 Phil Mudd, Cell and Molecular Biology Program, 2008-‘11

 Andrea Wilson, Pathology Graduate Training Program, PhD, 2009

 Bahauddeen Alrfaei, Pathology Graduate Training Program, 2009-‘11

 Toni Brand, Pathology Graduate Training Program, 2009-‘11

***Interdisciplinary Program Memberships:***

 Molecular and Cell Biology Graduate Training Program, Tulane U (‘90-‘91)

 Cell and Molecular Biology Graduate Training Program, UW (1991-2011)

 University of Wisconsin Comprehensive Cancer Center (1991-2011)

 Institute on Aging, University of Wisconsin (1991-2011)

 Neuroscience Graduate Training Program, UW (1991-2011)

 Biotechnology Training Program, UW (1991-2011)

 Cellular and Molecular Pathology Training Program (1991-2011)

 Hematology Training Program, UW (1998-2011)

***Classroom Teaching:***

Tulane U. Medical School (1988-91):

 Sophomore Medical Student Pathology, 3-5 lectures/ yr (Flow Cytometry, Laboratory Medicine and Molecular Biology of Disease)

 Pathology Residents-Blood Bank Rotation (4-6 months/ yr)

 Pharmacology Graduate Curriculum- Mechanisms of Disease (2 lectures/ yr)

U Wisconsin (1991-2011):

 Pathology 750 (Graduate level), 6 lectures/yr (1992-2002)

 Pathology 709 (Graduate level), 2 lectures/yr (2000-‘11)

 Pathology Residents and Fellow, Blood Bank (4 months/ yr) (1991-2011)

 Course Director-Cell and Molecular Biology of Aging, Path 751 (3 credits),

 6 lectures/y (2000-‘11)

 Course Director-MSTP 2nd year Journal Club (1 credit, Pathology 901) (2006-‘11)

 Pathology 803 (Graduate level), 2 lectures/yr (2006-‘11)

***Research Funding: Past individual or program project grant support:***

 1988-‘91 Clinical Investigator Award, K08-CA-01427. Total Direct Costs-$167,411.

1988-‘89 American Cancer Society Institutional Research Grant, Tulane University
School of Medicine -$10,000.

 1988-‘90 Biomedical Research Support Grant, Tulane University, $15,000.

 1990-‘91 LaSER/NSF Joint Colloquia Program, $5000.

 1990-‘91 NIH-DK43434, Small Instrumentation Grant, Total Direct Costs - $27,500.

 1991-‘95 NIH R01-DK45213, "Regulation of Hematopoietic Growth Factor Production".
 JS Malter PI (50% effort), Total Direct Costs: $440,905.

Co-Investigator, "Effects of EGF on Corneal Epithelium", Eye Bank Association
 of America, $6125.

1991-2007 NIH R01-AG10675-15, "APP mRNA Dysregulation and Alzheimer's Disease". JS Malter PI (20% effort), Annual Direct Costs (last year) $225,000

1995-‘98 Advanced Technology Program, US Dept of Commerce to Symphony Pharmaceuticals, Malvern PA, Total Costs $1,700,000, JS Malter, subcontractor ($200,000 direct costs).

1996-2007 NIH SCOR-Asthma, P50HL56396-10, W. Busse Program Leader, JS Malter, Project 5 Leader (20% effort). Total Direct Costs (10 years) $11,000,000: $220,000 Annual Direct Costs (final year) to JS Malter.

NIH R43CA75838, “Molecular Cloning of Unique Cytokines and Protooncogenes”, T. Giordano PI, JS Malter Co-Investigator (5% effort), $100,000 direct costs.

1997-‘02 NIH R01-AA11148, “Ethanol Mediated Osteoporosis and Interleukin 6”, E. Keller PI, JS Malter Co-Investigator (10% effort), Total Direct Costs $743,908.

NIH R01-MH61666, “Cloning of Early Response Genes from the Nervous System”, JS Malter PI (20% effort), Total Direct Costs $500,000.

2000-‘04 NIH RO1-HL64812, “Mechanisms of Nocturnal Asthma”, N. Jarjour PI, JS Malter, Co-I (5% effort), Total Direct Costs, $900,000

2001-‘06 NIH Allergic Disease Center, P01AI50500, W.W.Busse PI, JS Malter Project 4 Leader (20% effort), Total Direct Costs $3,200,000, $140,000 Annual Direct Costs to J.S. Malter.

2008-‘10 NIH R21 AG029972-01, D. Wang, PI, JS Malter Co-Investigator, 3% effort, $275,000 total direct costs.

2008-‘09 Institute for the Study of Aging (ISOA), JS Malter PI, 10% effort, $98,000 total direct costs.

2008-‘10 FRAXA, Utilization of Fenobam to Reduce APP and Abeta in Fragile X Mice, C Westmark PI, JS Malter Co-I (5% effort), $60,000/y direct costs.

2008-‘10 FRAXA, supplement, JS Malter PI, $10,000 direct costs.

***Current Grant Support (in addition, I am currently a trainer on NIH Training grants in Hematology, Aging, Molecular Biosciences, Biotechnology, Pathology and Neurosciences):***

2006-‘11 NIH P30 HD03352-44, Intellectual and Developmental Disabilities Research Center (IDDRC) (PI, M Seltzer; JS Malter, Associate Director, 10% total effort) Annual Direct Costs $1,100,000.

2008-‘13 NIH P01 HL088594-03, Role of Eosinophils in Airway Inflammation and Remodeling, PI: N Jarjour; JS Malter Project 3 Leader and Co-Director, PPG, 20% effort. Direct Costs $250K/y.

2008-‘12 NIH R01 HL087950-03, Pin1 regulation of prosurvival signaling in eosinophils, JS Malter PI, 20% effort, $250,000 annual direct costs

2009-‘11 NIH R01 DA026067-02, Pin1 in Synaptic Plasticity and Translation, JS Malter PI, 15% effort, $250,000/y

2009-‘14 NIH P50 AG033514-01 (S. Asthana, PI)-Wisconsin Alzheimers Disease Research Center, JS Malter Co-Director Neuropathology Core, 5% effort.

***Publications*** (Peer Reviewed):

1. Scornik, O., Ledbetter, M. and Malter, J.S., “Role of Aminoacylation of Histidyl-tRNA in the Regulation of Protein Degradation in Chinese Hamster Ovary Cells”, **J Biol Chem.**, 255(13):6322-27, 1980.
2. Malter, J.S., Mannoti, S., Knee, G., Goodman, D.B.P. and Strauss, J., “Identification of Hyperthyroid Patients by Means of a Sensitive Assay for Thyrotropin”, **Clin Chem**, 31(4):642-44, 1985.
3. Malter, J.S., Reed, J.C. and Kamoun, M., “Induction and Regulation of CD2 mRNA in Human T Lymphocytes,” **J Immunology**, 140:3233-6, 1988.
4. Malter, J.S., “Identification of a Novel AUUUA Specific, mRNA Binding Protein”, **Science**, 246:664-666, 1989.
5. Malter, J.S. and Gerber, M.A., “Regulation of Hepatocyte Gene Expression: Progress on the Horizon”, Hepatology, 10:1017-1018, 1989.
6. Lapeyrolerie, J., Avent, J., Malter, J.S. and Hellstrom, W.J., “Standardization of fine needle aspiration biopsy of human testes using DNA Flow Cytometry”, Surgical Forum, 36, 1990.
7. Lauer, S., Malter, J.S. and Meier, R., “Human Papillomavirus Type 18 in Conjunctival Intra-Epithelial Neoplasia”, Am J Opthalmology, 110:23-27, 1990.
8. Lampertico, P., Malter, J.S., Colombo, M. and Gerber, M.A., “Detection of Hepatitis B virus (HBV) DNA in formalin-fixed, paraffin-embedded liver tissue by Polymerase Chain Reaction (PCR)”, Am J Pathology, 137:253-258, 1990.
9. Malter, J.S., Moulton, D., Makni, H., Kant, J. and Kamoun, M., “Detection of CD2 Polymorphism on Chromosome 1 with EcoR1”, Nucleic Acids Research 18(21):6465, 1990.
10. Malter, J.S., Wilson, M., McCrory, W.A. and Gillis, P.,”The Adenosine-Uridine Binding Factor Requires Metals for Binding to Granulocyte-Macrophage Colony Stimulating Factor mRNA”, Enzyme, 44(1-4), 203-13, 1990.
11. Malter, J.S. and Hong, Y., “A Redox Switch and Phosphorylation are Involved in the Posttranslational Upregulation of the Adenosine-Uridine Binding Factor by Phorbol Ester and Ionophore”, J Biol Chem. 266(5):3167-3171, 1991.
12. Gillis, P. and Malter, J.S., “The Adenosine-Uridine Binding Factor Recognizes the AU-rich Elements of Cytokine, Lymphokine and Oncogene mRNAs”, J Biol Chem. 266(5):3172-3177, 1991.
13. Malter, J.S. and Gerber, M. A., “The Polymerase Chain Reaction for Hepatitis B Virus DNA”, Hepatology 13:188-190, 1991.
14. Thompson, H.W., Malter, J.S., Steinemann, T.L and Beuerman, R., “Flow Cytometric Measurements of DNA Content of Corneal Epithelia Cells During Wound Healing”, Inv Opthal Vis Sci, 32(2):433-436, 1991.
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***Book Chapters:***

1. Jarzembowski, J. and Malter, J. S., “Identification and Role of AUUUA-Specific mRNA Binding Proteins”, in Cytoplasmic Fate of Eukaryotic mRNA, P. Jeanteur Ed., Springer-Verlag, Heidelberg, 1996.
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3. Rajagopalan, L, Yang, N.S. and Malter, J.S, “Particle Mediated mRNA Transfer”, in Transgene Delivery and Expression in Mammalian Cells, Methods in Molecular Biology, JM Walker, Editor, Humana Press, 1997.
4. Westmark C and Malter J.S., “Translating Memories: The Role of Protein Biosynthesis in Synaptic Plasticity”, in Protein Biosynthesis, TE Esterhouse and LB Petrinos, Editors, Nova Biomedical, 2009
5. Bickham, U and Malter JS, “Apoptotic and survival signaling in eosinophils”, in Eosinophils in Health and Disease, Eds. H Rosenberg and JJ Lee, Elsevier, 2011.

***Other:***

Malter J. S., Contributing Reviewer, University Hospital Consortium Technology Advancement Center, “Technology Report: Albumin”. UHC, Nov., 1992.

Malter J.S., Contributing Reviewer, University Hospital Consortium Technology Advancement Center, “Technology Assessment: Platelet Transfusion Guidelines”, UHC, 1998.

***U.S. Patents:***

#5,587,300, “Method to Increase Regulatory Protein Production”, issued to JS Malter, 1996

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US Patent Pending: The use of mGluR antagonists for the treatment of Alzheimer’s Disease.

***Lectures by Invitation:***

1985

 Dept of Pathology & Laboratory Medicine, University of Pennsylvania, School of Medicine.

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 Dept of Pathology & Laboratory Medicine, University of Pennsylvania, School of Medicine

1987

 Imperial Cancer Research Fund, London, England.

 Dept of Pathology & Laboratory Medicine, University of Pennsylvania, School of Medicine,

 Academy of Clinical Laboratory Physicians and Scientists, Annual Meeting, Phil, PA.

1988

 Frontiers in Pathology, Dept of Pathology, Mt. Sinai School of Medicine, NY, NY.

 Dept of Pathology, University of Rochester School of Medicine.

 Dept of Pathology, Tulane University Medical School, New Orleans, LA.

 Dept of Biochemistry/Molecular Biology, Louisiana State University Medical Center, NO, LA

1989

 "Current Topics in OB-GYN", Update on Human Papilloma Virus, CME Update-Dept of OB/GYN, Tulane Medical Center, New Orleans, LA.

 Translational Control, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY

 Dept of Microbiology and Immunology, Tulane U. School of Medicine

1990

 Dept of Physiology, LSU Medical Center, New Orleans, LA.

 Dept of Biochemistry, Tulane U. School of Medicine

 VIII Scientific Meeting, Anatomic Pathology Department, University of Zulia, Maracaibo, Venezuela.

 Dept of Pathology CME Update Seminar, Tulane University Medical School,

 Dept of Pathology, Pennsylvania State University, M.S. Hershey Medical Center, Hershey, PA.

 Dept of Pathology, Northwestern University School of Medicine, Chicago, IL.

1991

 Dept of Medicine, Brigham and Women’s Hospital and Harvard Medical School, Boston, MA.

 Transfusion Medicine Update, Rapides Medical Center, Alexandria, LA

 Institute for Medical Microbiology, University of Basel, Basel, Switzerland

 Dept of Pathology, University of Wisconsin, School of Medicine, Madison, WI

 Laboratory of Molecular Oncology, National Cancer Institute, Fredrick, MD

 "Alzheimer's Disease and Related Neurodegenerative Disorders", AAP, FASEB, Atlanta, GA

 Dept of Pathology CME Update Seminar, Tulane University Medical School, New Orleans, LA.

 Dept of Medicine, Division of Hematology, U of Wisconsin Hospital and Clinic, Madison, WI

1992

 Dept of Human Oncology, U of Wisconsin Cancer Center

 Dept of Physiology, U of North Carolina, Chapel Hill, NC

 Dept of Biochemistry, East Carolina Medical School, Greenville, NC

 Aging Institute, U of Wisconsin Medical School, Madison, WI

 "Transfusion in the 90's", Mercy Medical Center, Oshkosh, WI

 Medical Technology Training Program, U of Wisconsin Medical School, Madison, WI

 Dept of Medicine, Dartmouth Medical School, Hanover, NH

 Dept of Nutrition Sciences, U of Wisconsin, Madison, WI

 Transfusion Transmitted Disease, Rational Blood Use-CME Course, Department of Medicine, U of Wisconsin, Madison, WI

 CME Course-Transfusion in the 90's, Waupun Medical Center, Waupun, WI

 CME Course-Transfusion Transmitted Disease, Watertown Med Center, Watertown, WI

 Dept of Cell and Molecular Biology, U of New Mexico, Alburqurque, NM

1993

 Dept of Mammalian Genetics, Agracetus Inc, Madison, WI

 Dept of Pathology, Georgetown University School of Medicine, Wash. D.C.

 Dept of Pathology, Tulane U. School of Medicine, NO, LA

 Dept of Pathology, UTMB, Galveston, TX

 Dept of Pathology, U of Pittsburgh, Pittsburgh, PA

 Division of Neuroscience, Abbott Laboratories, Abbott Park, IL

 Division of Immunology, Pfizer Pharmaceuticals, Groton, CT

1994

 Division of Laboratory Medicine, Department of Pathology, UW-Madison

 Immunology Colloquia, UW-Madison

 Combined Pediatrics/Medicine Critical Care Conference, UWHC, "Massive Transfusion"

 Institute for Inflammation and Experimental Medicine, Miles Labs, West Haven, CT

 Masters in Oncology, UW Comprehensive Cancer Center, UW Medical School

 12th Critical Care Symposium, U of Wisconsin Med School, "Massive Transfusion in Trauma”

1995

 Biotherapy/Immunology Colloquia, UW-Madison Medical School

 Dept of Pathology/Laboratory Medicine, UW-Madison Medical School

 Dept of Pathology/Lab Medicine, U of Rochester School of Medicine, Rochester, NY

 Dept of Pathology/Lab Medicine, Tulane University School of Medicine, NO, LA

 Dept of Molecular Biology, Symphony Pharmaceuticals, Malvern, PA

 Division of Lab Medicine, Dept of Pathology, U Wisconsin Medical School

 Dept of Pathology, Cornell U Medical School. NY, NY

 Dept of Biology, Northern Illinois University, Rockford, IL

 Veterinary Sciences, U of Wisconsin Veterinary School, Madison, WI

 Dept of Pharmacology, U of Wisconsin Medical School, Madison, WI

 Dept of Pathology, UTMB-San Antonio, Texas

1996

 Immunology Colloquia, UW-Madison/Promega, Madison, WI

 “Alzheimer’s Disease”, Brain Awareness Week, Neurosciences Training Program, UW-Madison

 Division of Lab Medicine, Dept of Pathology, U Wisconsin Medical School

 Neuroscience Colloquia, U Wisconsin-Madison

1997

 “Alzheimer’s Disease”, Brain Awareness Week, Neurosciences Training Program, UW-Madison

 GI Division Research Conference, Dept of Medicine, UW- Madison

 Translational Research Colloquia, UW Medical School

 Dept of Pathology, Tulane University School of Medicine, NO, LA

 “Transfusion Medicine Update”, UW-Medical School CME

1998

 Dept of Molecular Biology, Message Pharmaceuticals, Aston, PA

 Dept of Pathology and Lab Medicine, Medical University of S. Carolina, Charleston, SC

 Dept of Pathology, U Wisconsin Medical School

 Wisconsin Association of Blood Banks, Milwaukee, WI

 Dept of Pathology, Lab Medicine and Immunology, U of Florida Medical School, Gainesville, FL

1999

 Asthma Program, NIHLB, NIH, Bethesda, MD

 “CJD and Blood Transfusion”, St. Clare Hosp, Baraboo, WI

2000

 Kiwanis Club of Madison, WI, “Alzheimer’s Disease”

 Dept of Medicine, UW Madison, “Massive Transfusion”

 Division of Continuing Studies, UW- Madison, “Alzheimer’s Disease”

 Wisconsin Chapter, American Association of Blood Banks, “Apheresis”

2001

 Medical Scientist Training Program, Spring Symposium, UW-Madison

 Dept of Pathology and Lab Medicine, “GM-CSF, Eosinophils and Asthma”, UW-Madison

 Ray Owens Immunology Symposium, “Posttranscriptional Gene regulation and Asthma”, UW-Madison

 Columbus Hospital, Columbus WI, “Creuztfeld-Jacob Disease”, CME

2002

 Blood Center of Southeastern Wisconsin, Milwaukee, WI

2003

 Waisman Center, UW-Madison

2004

 American Red Cross, Badger Hawkeye Region Annual Meeting.

 Dept of Medicine, UW-Madison, Nephrology Grand Rounds

2005

 Frontiers in Pharmacology, Dept of Pharmacology, UW-Madison

2006

 Dept of Medicine, UW-Madison, Nephrology Grand Rounds

 Immunology Colloquia, UW-Madison

 Institute on Aging, UW-Madison

2007

 International Eosinophil Society, Snowbird, Utah

 Astellas Pharmaceuticals, Chicago IL

 Genzyme Pharmaceuticals, Boston, Mass

 Medical Scientist Training Program, UW-Madison

 Wisconsin Blood Bank Association, Milwaukee, WI

2008

 AAAAI Annual Meeting, Philadelphia, PA.

 Banbury Meeting, Fragile X Syndrome, Cold Spring Harbor, NY.

 Department of Pathology, UAB, Birmingham, AL.

 National Fragile X Foundation Meeting, St. Louis, MO

2009

 Department of Physiology, Michigan State University, Lansing, MI

 Institute of Molecular Medicine and Cell Research, Center for Biochemistry and Molecular

 Cell Research, Albert-Ludwigs-University Freiburg, Freiburg, Germany.

 International Eosinophil Society, Bruges, Belgium

 Department of Pathology and Lab Medicine, UW-Madison

 10th International Conference on Alzheimers Drug Discovery, Jersey City, NJ

2010

Department of Pathology and Lab Medicine, UW-Madison

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