CURRICULUM VITAE

Sean J. Morrison

PERSONAL DATA

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EDUCATION

September 1986 - May 1991: B.Sc. with First Class Honors in Biology and Chemistry, Dalhousie University (Halifax, Canada)

September 1991- June 1996: Ph.D. in Immunology, Stanford University (Stanford, CA) Supervisor, Dr. Irving L. Weissman

POSTDOCTORAL TRAINING

July 1996 - August 1999: Postdoctoral Scholar in the laboratory of Dr. David J. Anderson, California Institute of Technology (Pasadena, CA)

EMPLOYMENT AND ACADEMIC APPOINTMENTS

September 1987 - September 1990
President, Endogro Systems Inc., a company that developed technology for the agricultural use of plant growth-promoting fungi.

August 1999 – August 2004
Assistant Professor, Departments of Internal Medicine (Division of Molecular Medicine and Genetics) and Cell and Developmental Biology, University of Michigan.

June 2000 – Present
Investigator, Howard Hughes Medical Institute

September 2004 – September 2008
Associate Professor, Departments of Internal Medicine (Division of Molecular Medicine and Genetics) and Cell and Developmental Biology; Research Associate Professor, Life Sciences Institute, University of Michigan.

September 2005 – August 2011
Director, University of Michigan Center for Stem Cell Biology and Henry Sewall Professor in Medicine, University of Michigan

September 2008 – August 2011
Professor, Departments of Internal Medicine (Division of Molecular Medicine and Genetics) and Cell and Developmental Biology; Research Professor, Life Sciences Institute, University of Michigan.

September 2011 – present
Director, Children's Research Institute; Professor, Department of Pediatrics; Mary McDermott Cook Chair in Pediatric Genetics, Kathryne and Gene Bishop Distinguished Chair in Pediatric Research; University of Texas Southwestern Medical Center

SCIENTIFIC ACTIVITIES

Editorial Boards:

10/03 – 05/09	Stem Cells
01/06 – 04/15	Faculty of 1000, Section Head "Stem cells & Regeneration"
12/06 – present	Cell Stem Cell
01/10 – present	Journal of Experimental Medicine
03/11 – present	EMBO Journal
09/11 – 05/17	Current Opinion in Cell Biology
04/12 – 05/20	Cancer Cell
04/12 – present	eLife, Senior Editor
09/12 – present	EMBO Reports
12/12 – present	Stem Cell Reports
08/14 – present	Cancer Discovery

Grant Reviewer:

02/04	National Institutes of Health: Neurogenesis and Cell Fate (NCF) Study Section
10/06	California Institute for Regenerative Medicine: periodic ad hoc reviewer
01/07 – 02/11	Italian Association for Cancer Research (AIRC)
02/08	National Institutes of Health: Ad Hoc, Hematopoiesis (HP) Study Section
05/09	Damon Runyon Cancer Research Foundation Postdoctoral Fellowship Review Committee
10/09 – 04/11	Cancer Prevention and Research Institute of Texas, Basic Science Review Panel
11/10	National Inst. of Health: Chair, Special Emphasis Panel ZAG1 ZIJ-2
05/11 – 01/13	Chair, Howard Hughes Medical Institute International Predoctoral Fellowship selection committee
09/13	National Institutes of Health: Center for Regenerative Medicine Therapeutic Challenge Program
01/15	California Institute for Regenerative Medicine: Center for Excellence in Stem Cell Genomics
04/17	National Institutes of Health: Study section to review applications in response to the Pro/Anti-Geronic Factor RFA
07/17	National Institutes of Health: ZRG1 EMNR-P (02) M Nutrient and Lipid Regulation Study Section
07/19	National Cancer Institute: Biological Comparisons in Patient-Derived Models of Cancer (U01)

Meeting Organizer:

07/06	American Society for Cell Biology Summer Meeting, Stem Cell Niches; Boston, MA
02/08	Keystone Symposium Tumor Suppressors and Stem Cell Biology, Vancouver
08/09 – 07/10	International Society for Stem Cell Research Annual Meeting Chair, Program Committee
02/11	Abcam Symposium Therapeutic approaches to neurodegeneration: age modifiers, proteostasis, and stem cells
02/13	Keystone Symposium Stem Cell Regulation in Homeostasis and Disease Banff, Alberta, Canada
10/18	American Society for Cell Biology Doorstep Meeting (associated with the Annual Meeting), San Diego, CA

Scientific Advisory Boards:

02/07 - present	Scientific Advisory Board, University of California, Los Angeles Broad Stem Cell Research Center
12/10 – 07/11	External Advisory Committee, National Heart Lung and Blood Institute Progenitor Cell Biology Consortium
01/11 – 09/11	National Academy of Sciences panel to consider whether there should be a new taxonomy for disease
05/11 – present	Chair, Scientific Advisory Board, University of Washington Institute for Stem Cells and Regenerative Medicine
07/11 – 01/13	Morgridge Institute, University of Wisconsin
10/12 – 10/13	Common Fund External Consultant for the NIH Center for Regenerative Medicine
08/13 – 08/15	Scientific Advisory Board, California Institute for Regenerative Medicine
10/14 – 03/15	Chair, New York State Stem Cell Program (NYSTEM) External Review Panel
06/18 – present	FDA Cellular Tissue and Gene Therapies Advisory Committee
11/19 – present	AACR Princess Takamatsu Memorial Lectureship Committee

GRANT SUPPORT

ONGOING

001823 (PI, Morrison) 09/01/00 – 10/31/21
Howard Hughes Medical Institute
Funding is not associated with a specific project

RP180778 (PI, Morrison) 08/31/18 – 8/30/22
Cancer Prevention and Research Institute of Texas
“Metabolic enablers of melanoma progression – MIRA”
This is a program project grant in which three laboratories (Morrison, DeBerardinis, and Mishra) will collaborate to study metabolic mechanisms that enable melanoma metastasis. The Morrison laboratory will study whether differences in oxidative stress, lactate metabolism, or mitochondrial function among melanomas from different patients confer intrinsic differences in metastatic potential.

R01 DK11875-02A1 (Morrison) 04/01/19 – 03/31/24
NIH – National Institutes of Health
"The Metabolic Regulation of Hematopoietic Stem Cell Function"
To determine whether ascorbate (vitamin C) depletion, which is common among people in Western countries, promotes hematopoietic regeneration or clonal hematopoiesis and to identify the mechanisms by which ascorbate regulates hematopoiesis.

U01 CA228608-01A1 (PI, Morrison) 09/05/19 – 09/04/24
NCI – National Cancer Institute
"The Metabolic Regulation of Melanoma Metastasis"
The goal of this project is to compare patient-derived xenograft and patient-derived organoid assays to study the regulation of oxidative stress in melanoma cells.

RECENT

R37 AG02494514 (PI, Morrison) 08/01/04 – 5/31/20
NIH/NIA (MERIT Award)
"The Regulation of Stem Cell Aging"
To test whether the Bmi-1 polycomb protein is required to maintain adult neural stem cells and neurogenesis by opposing the age-related increases in $p16^{Ink4a}$ and $p19^{Arf}$ expression such that *Bmi-1* deficiency leads to stem cell depletion and behavioral deficits that worsen with age.

RP170114 (PI, Morrison) 12/1/16 - 11/30/19
Cancer Prevention and Research Institute of Texas
"Mechanisms of melanoma metastasis"
To test whether metastasizing melanoma cells exhibit increased dependence on pentose phosphate and malic enzyme pathways relative to primary cutaneous melanomas and whether RUNX3 promotes metastasis by regulating oxidative stress.

RP170633 Morrison (PI, Morrison) 09/01/17 – 08/31/19
Cancer Prevention and Research Institute of Texas
"The Role of the CACNA1D Calcium Channel in Melanoma"
To test whether human melanoma cells are sensitive to therapeutic inhibition of L-type Ca2+ channel function.

1R56DK118745-01 (PI, Morrison) 07/15/18 – 06/30/19
NIH-NIDDK
"The metabolic regulation of hematopoietic stem cell function"
To test whether ascorbate negatively regulates hematopoietic stem cell clonal expansion or hematopoietic regeneration by promoting Tet2 function.

1 R01 DK100848 (PI, Morrison) 02/01/14 – 01/31/17
NIH/NIDDK
"The regulation of protein synthesis in stem cells"

HONORS AND AWARDS

1986 Young Canadians Award for Excellence in Science
1986 Waverly Award, Dalhousie University
1987 Dalhousie University McKenzie Trust Scholarship

1988 Dalhousie University Ross S. Smith and Alan Pollok Scholarships
1990 Dalhousie University Ross S. Smith Scholarship
1991 Natural Sciences and Engineering Research Council of Canada Research Award
1991 Dalhousie University Medal in Biology
1991 United Kingdom Commonwealth Scholarship, Oxford University (declined)
1991 Natural Sciences and Engineering Research Council 1967 Scholarship (declined)
1991-96 Howard Hughes Medical Institute Predoctoral Fellowship in Biological Sciences
1996 Guenther Foundation Postdoctoral Fellowship
1996-98 Natural Sciences and Engineering Research Council Postdoctoral Fellowship
1997-99 American Cancer Society, California Division Junior Postdoctoral Fellowship
1999 American Cancer Society, California Division Senior Postdoctoral Fellowship
2000-03 Searle Scholar
2000 Mental Illness Research Association Milestone Award
2002 Named to TR100 list: MIT Technology Review Magazine's list of 100 young innovators
2003 Wired Magazine Rave Award for Science
2003 Presidential Early Career Award for Scientists and Engineers, White House Office of Science and Technology Policy
2004 Dean's Award for Basic Science, University of Michigan Medical School
2006 Detroit News Michiganian of the Year
2007 Pfizer Young Michigan Biomedical Investigator of the Year Award
2007 McCulloch and Till Award, International Society for Hematology & Stem Cells
2008 American Association of Anatomists Harland Winfield Mossman Award
2009 MERIT Award, National Institute on Aging
2009 Keynote Address, Keystone Symposium on Stem Cell Niche Interactions
2012 Roy M. Huffington Distinguished Lecture, Baylor College of Medicine
2015 President, International Society for Stem Cell Research
2016 Keynote Address, Keystone Symposium on Stem Cells and Cancer
2017 Malkin-Kraft Lecturer, Northwestern University
2017 Sol Sherry Lecture, International Society for Hemostasis and Thrombosis
2018 Keynote Address, AACR Special Conference on Metabolism and Cancer
2018 Lubomir S. Hnilica Lecture, Frontiers in Biochemistry, Vanderbilt University
2018 Elected member, National Academy of Medicine
2018 Keynote Address, American Society of Cell Biology Annual Meeting
2019 Scientist in Residence, University of Duisburg-Essen (Germany)
2019 Emily Frederick DiMaggio Lecture, Dana-Farber Cancer Institute
2019 The Enrico Mihich Lecture, 31st Pezcoller Symposium
2020 Elected member, National Academy of Sciences

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

1994-present American Association for the Advancement of Science
1999-present Society for Developmental Biology
2001-present Society for Neuroscience
2002-present International Society for Stem Cell Research
2004-present American Society for Cell Biology
2007-present International Society for Hematology and Stem Cells
2018-present National Academy of Medicine
2018-present The Academy of Medicine, Engineering, and Science of Texas (TAMEST)

2019-present The American Society of Hematology
2020-present National Academy of Sciences

OFFICES IN PROFESSIONAL SOCIETIES

American Society for Cell Biology
01/04 – 12/09 Public Policy Committee
06/04 – 05/05 Program Committee

International Society for Stem Cell Research
09/02 – 07/06 Membership Committee
10/03 – 07/06 Government Affairs Committee
06/04 – 12/12 Board of Directors
07/06 – 07/09 Treasurer, Member of the Executive Committee
07/07 – 10/16 Finance Committee
07/10 – 06/11 Chair, Program Committee for the Annual Meeting
10/10 – 06/16 Co-chair, Legislative and Education Committee
06/13 – 05/14 Vice-President
06/14 – 06/15 President-elect
06/15 – 06/16 President
06/16 – 06/17 Past-President
01/16 – present Chair, Public Policy Committee
06/17 – 06/18 Board of Directors

PUBLIC EDUCATION/POLICY ACTIVITIES

May 16, 2005 Testimony before the Ad Hoc Congressional Hearing on Stem Cells, Chicago, IL

April 21, 2006 Testimony before the State of Michigan Health Policy Committee Hearing on Stem Cells, Lansing, MI

June, 2006 to June, 2011: Director, Michigan Citizens for Stem Cell Research and Cures

2008 Numerous media and public appearances to educate the public regarding stem cell research in the context of Michigan's Proposal 2 (a successful ballot proposal to protect stem cell research in the state constitution).

September 16, 2010: Testimony before U.S. Senate Subcommittee on Labor, Health and Human Services, Education and Related Agencies on "Human embryonic stem cell Research", Washington, D.C.

TEACHING ACTIVITIES AT UT SOUTHWESTERN MEDICAL CENTER

2012 02/17 Cancer Biology I: Hallmarks of Cancer "Cancer Stem Cells"
04/18 Experimental Approaches to Complex Genetic Diseases "Stem cells"
10/25 BSCI 5212-01 – Experimental Approaches to Complex Diseases "Stem cells"

2013 01/09 BSCI 5197 Graduate School of Biomedical Sciences Responsible Conduct of Research
02/11 Cancer Biology I "Cancer Stem Cells"
04/10 Cancer Biology II "Advanced Concepts in Cancer Biology"

2014 02/07 Cancer Biology I Hallmarks of Cancer "Cancer Stem Cells"
04/02 BSCI 5172 – Advances in Stem Cell Biology "Hematopoietic Stem Cells"
04/11 Cancer Biology II "Cancer Stem Cells: Impact, Heterogeneity, and Uncertainty"
11/11 Experimental Approaches to Complex Genetic Diseases "Stem Cells"

2015 02/20 Cancer Biology I "Cancer Stem Cells"
04/24 Cancer Biology II "Cancer Stem Cells: Impact, Heterogeneity, and Uncertainty"

2016 02/10 Cancer Biology I "Cancer Stem Cells"
03/01 Developmental Principles in Regenerative Science and Medicine "Hematopoietic Regeneration"
04/11 Cancer Biology II "Cancer Stem Cells: Impact, Heterogeneity, and Uncertainty"

2017 02/01 Responsible Conduct of Research "Notebooks and Record Keeping"
02/08 Cancer Biology I "Cancer Stem Cells"
02/28 Developmental Principles in Regenerative Science and Medicine "Hematopoietic Regeneration"
03/17 Cancer Biology II "Cancer Stem Cells: Impact, Heterogeneity, and Uncertainty"
10/04 K12 Pediatric Scholars' Training Grant Career Development Session Lecture
10/18 Responsible Conduct of Research "Rigor & Reproducibility"

2018 02/09 Cancer Biology I "Cancer Stem Cells"
03/22 Developmental Principles in Regenerative Science and Medicine "Hematopoietic Regeneration"
04/27 Cancer Biology II "Cancer Stem Cells: Impact, Heterogeneity, and Uncertainty"
11/14 Responsible Conduct of Research "Rigor & Reproducibility"

2019 02/08 Cancer Biology I "Cancer Stem Cells"
03/14 Developmental Principles in Regenerative Science and Medicine "Hematopoietic Regeneration"
08/13 Medical Scientist Training Program Works in Progress Seminar
12/19 Responsible Conduct of Research "Rigor & Reproducibility"

2020 01/29 Cancer Biology I "Cancer Stem Cells"
03/12 Developmental Principles in Regenerative Science and Medicine "Hematopoietic Regeneration"

Mentoring Graduate Students:

07/00 - 07/04	Genevieve Marie Kruger, UM Medical Scientist Training Program Current position: Assistant Professor, Pathology, Weill Cornell Medical School
06/01 – 08/06	Nancy Joseph, UM Medical Scientist Training Program Current position: Associate Professor of Pathology & Associate Director of Clinical Cancer Genomics Laboratory, UCSF
07/01 – 07/05	Anna Molofsky, UM Medical Scientist Training Program Current position: Associate Professor of Psychiatry, UCSF
09/01 – 08/06	Omer Yilmaz, UM Medical Scientist Training Program Current position: Associate Professor, Koch Institute, MIT
08/02 – 07/08	Mark Kiel, UM Medical Scientist Training Program Current position: Chief Scientific Officer at GENOMENON

01/04 – 01/13	Shenghui He, UM Cellular and Molecular Biology Program, then transitioned to temporary postdoctoral fellowship for family reasons Current position: Assistant Research Professor, University of North Carolina
01/04 – 04/05	Alana Lysholm, UM Neuroscience Program (left for health reasons) Current position: Deceased
07/06 – 07/10	Jae Lee, UM Medical Scientist Training Program Current position: Radiation Oncologist, Princeton Radiation Oncology, NJ
05/10 – 07/15	James Peyer, UTSW Genetics and Development Graduate Program Current position: Partner at Apollo Ventures
10/10 – 05/15	Christopher Inra, UTSW Medical Scientist Training Program Current position: Resident, Internal Medicine, Johns Hopkins University
01/14 – present	Le Qi, UTSW Cancer Biology
07/14 – 06/19	Stacy Yuan, UTSW Medical Scientist Training Program
09/19 – present	Julia Phan, UTSW Medical Scientist Training Program

Mentoring Postdoctoral Fellows:

07/01 - 08/04	Ricardo Pardal Current Position: Professor, University of Seville, Spain
09/00 – 03/05	Toshihide Iwashita Current Position: Professor, Hamamatsu University School of Medicine, Japan
07/01 – 09/06	Jack Mosher Current Position: Scientific Affairs Manager, International Society for Stem Cell Research
12/01 – 05/07	Merritt Taylor Current Position: Associate Professor, Grand Valley State University
10/02 – 08/08	Injune Kim Current Position: Associate Professor, Korea Advanced Institute of Science and Technology
11/04 – 11/11	Johanna Buchstaller Current Position: Data Science and Analytics Consultant, Slalom Consulting
01/05 – 09/11	Elsa Quintana Rodriguez Current Position: Associate Director, Revolution Medicines
02/05 – 09/07	Shalom Guy Slutsky Current Position: Project Manager, Kadimastem Ltd
03/05 – present	Jinsuke Nishino
07/06 – 07/08	Mick Savona Current Position: Professor of Medicine and Cancer Biology, Director of Hematology Early Therapeutics Program, Vanderbilt University, Nashville
08/05 – 11/11	Sergei Chuikov Current Position: Associate, Howard Hughes Medical Institute
02/06 – 11/11	Daisuke Nakada Current Position: Associate Professor, Department of Molecular and Human Genetics, Baylor College of Medicine
08/06 – 12/09	Mark Shackleton Current position: Director of Oncology, Alfred Health and Professor of Oncology, Monash University (Melbourne, Australia)
10/06 – 09/11	Boaz Levi Current Position: Assistant Investigator, Applied Genomics, Allen Institute for Brain Research, Seattle
01/07 – 01/13	Lei Ding

	Current Position: Assistant Professor, Department of Regeneration and Rehabilitative Medicine, Columbia University
11/07 – 07/08	Michel Perron Current Position: Senior Research Scientist, Gilead
01/08 – 12/15	Melih Acar Current position: Scientist at Celgene
07/08 – 07/13	Jeff Magee Current position: Associate Professor of Pediatrics, Washington University
05/09 – 01/11	Qing Li Current position: Associate Professor of Internal Medicine, Univ. of Michigan
09/09 – 1/17	Hideyuki Oguro Current position: Associate Director, Cellular Engineering, The Jackson Laboratory in Connecticut
09/09 – 11/15	Robert Signer Current position: Assistant Professor, University of California at San Diego
01/10 – 05/15	John Mich Current position: Scientist II, Allen Institute for Brain Research
05/11 – 12/17	Michalis Agathocleous Current position: Assistant Professor in Children's Research Institute at UT Southwestern Medical Center
09/11 – 12/14	Issei Shimada Current position: Lecturer, Department of Cell Biology, Graduate School of Medicine Sciences, Nagoya City University in Japan
09/11 – 05/16	Ugur Eskiocak Current position: Director of In Vivo Pharmacology, Xilio Therapeutics
09/11 – 07/17	Elena Piskounova Current Position: Assistant Professor of Dermatology, Weill Cornell Medical College
10/11 – 03/17	Rui Yue Current position: Professor, Tongji University, Shanghai, China
10/11 – 08/16	Bo Zhou Current position: Assistant Professor, Shanghai Institute of Biochemistry and Cell Biology, Chinese Academy of Sciences
03/12 – present	Corbin Meacham
11/12 – 05/19	Malea Murphy Current position: Manager Integrated Microscopy & Imaging Laboratory Medical Physiology, Texas A&M University College of Medicine
02/13 – present	Rebecca Burgess
02/14 – present	Salma Hasan
01/15 – present	Stefano Comazzetto
08/15 – present	Jennifer Gill
11/15 – present	Elise Jeffery
12/15 – present	Andrew DeVilbiss
12/15 – present	Bo Shen
01/16 – 12/18	Kati Ahlqvist Current position: Human Frontier Postdoctoral Fellow, Pekka Katajisto Laboratory, University of Helsinki
10/16 – present	Alpaslan Tasdogan
05/17 – present	Shay Guela
02/18 – present	Jessalyn Ubellacker
10/18 – present	Michael Zhang

11/18 – present Nergis Kara-Takar
11/19 – present Yuanyuan Xue
01/20 – present Liming Du

Intramural Seminars at the University of Texas Southwestern Medical Center:

2011 09/17 Medical Scientist Training Program "Stem cells and cancer"
10/25 Graduate Student Organization "Stem cells and cancer"

2012 01/31 Cell Biology Department "The hematopoietic stem cell niche"
02/29 Development Biology Department "The regulation of stem cell self-renewal"
05/09 University Lecture Series "The regulation of stem cell self-renewal"
09/07 Cancer Center Grand Rounds "The regulation of melanoma metastasis"

2013 01/07 Department of Physiology "Regulation of Stem Cell Self-Renewal"
04/09 President's Research Council "Hijacked: How cancer cells commandeer stem cell mechanisms to fuel tumor growth"

2014 02/20 President's Lecture "Understanding cancer through the lens of stem cell biology"
03/01 Big Ideas Lecture to incoming medical students "A failure to create policy based on factors is eroding science, health care, and American competitiveness"
05/08 O'Brien Kidney Center Symposium "The regulation of stem cell self-renewal"
10/11 Department of Pediatrics "Melanoma metastasis and therapy"

2015 04/22 Comprehensive Cancer Center "Treating cancer more effectively"
12/14 Angiogenesis seminar series "Bidirectional regulation between hematopoietic stem cells and their niche"

2016 04/13 Science Policy, Ethics and Communication Club seminar series "The intersection of science and public policy"
12/16 Mineral Metabolism Lecture "The maintenance of the adult skeleton"

2017 02/03 Endocrine Grand Rounds Series "The maintenance of the adult skeleton"

2018 01/04 Dermatology Grand Rounds "Melanoma metastasis"
01/10 Department of Surgery Grand Rounds "Metabolic mechanisms of cancer initiation and progression"
11/19 Simmons Comprehensive Cancer Center Distinguished Lecture Series "Metabolic mechanisms of cancer initiation and progression"
03/01 Mineral Metabolism Research Conference "New mechanisms that regulate the maintenance of the adult skeleton"

2019 08/16 Development and Cancer Program Retreat "Melanoma metastasis"
11/04 Angiogenesis Seminar Series "Melanoma metastasis through lymphatics"
11/22 Texas Scottish Rite Hospital/UT Southwestern/Children's Medical Center Clinical Research Day "Skeletal stem cells and bone formation"

2020 08/12 Obstetrics and Gynecology Grand Rounds "How the niche regulates blood and bone-forming stem cells in the marrow"

Membership in the following graduate programs at UTSW:

Genetics and Development
Cancer Biology

Graduate Student Rotations:

Summer, 2000	Dale Bixby, Medical Student, Summer Research, UM
Summer, 2000	Brett Mobley, Medical Student, Summer Research, UM
Summer, 2000	Eve Kruger, Medical Scientist Training Program, UM
Summer, 2000	JennYah Yu, Neuroscience Program, UM
Spring, 2001	Kwan-Ho Chung, Neuroscience Program, UM
Spring, 2001	Nancy Joseph, Medical Scientist Training Program, UM
Summer, 2001	Anna Rotberg, Medical Scientist Training Program, UM
Summer, 2001	Chandan Reddy, Medical Student, Summer Research, UM
Fall, 2001	Omer Yilmaz, Medical Scientist Training Program, UM
Summer, 2002	Mark Kiel, Medical Scientist Training Program, UM
Summer, 2003	Edward Oh, Neuroscience Program, UM
Fall, 2003	Chong Chen, Cellular and Molecular Biology, UM
Winter, 2004	Alana Lysholm, Neuroscience Program, UM
Winter, 2004	Shenghui He, Cellular and Molecular Biology, UM
Summer, 2006	Jae Lee, Medical Scientist Training Program, UM
Summer, 2008	Ajay Prakash, Medical Scientist Training Program, UM
Summer, 2008	Charlie Kuang, Medical Scientist Training Program, UM
Summer, 2009	Danny Yang, Medical Scientist Training Program, UM
Summer, 2009	Heiko Yang, Medical Scientist Training Program, UM
Fall, 2009	James Peyer, Program in Genetics and Development, UTSW
Fall, 2011	Chris Inra, Medical Scientist Training Program, UTSW
Fall, 2011	Ge Zheng, Graduate School of Biomedical Sciences, UTSW
Summer, 2012	Stacy Yuan, Medical Scientist Training Program, UTSW
Fall, 2012	Jenny Weon, Medical Scientist Training Program, UTSW
Summer, 2013	Edward Daniel, Medical Scientist Training Program, UTSW
Summer, 2018	Yuki Inaba, Medical Scientist Training Program, UTSW
Summer, 2019	Mark Mannino, Medical Scientist Training Program, UTSW
Summer, 2019	Julie Phan, Medical Scientist Training Program, UTSW
Summer, 2020	Mark Mannino, Medical Scientist Training Program, UTSW

Dissertation Committees at UTSW:

11/12 – 07/15	Annika Butler, Genetics and Development
06/12 – 12/15	Ziying Liu, Genetics and Development
08/11 – 05/17	Ana Uruena, Genetics and Development
01/14 – 07/17	Xiaolei Shi, Cancer Biology
02/14 – 10/18	Barrett Updegraff, Cancer Biology
01/16 – 04/19	Stephen Li, Genetics and Development
08/17 – present	Divya Bezwada, Cancer Biology
10/18 – present	Chunyang Ni, Genetics and Development

Preliminary Exam Committees at UTSW:

05/12	Angelica Sanchez, Cancer Biology
05/20	Usman Hyder, Genetics, Development, & Disease

EXTRAMURAL INVITED PRESENTATIONS

2000 04/08 Great Lakes Development Meeting, Toronto, Canada "Notch Activation instructs rapid glial differentiation by purified neural crest stem cells"
05/03 University of Toronto, Hospital for Sick Children, "The role of notch and neural crest stem cells in peripheral nervous system development"
05/10 Michigan Biotech Association, Ann Arbor, MI "Stem cell biology at the interface: science as an academic and entrepreneur"
06/10 Society for Developmental Biology Meeting, Boulder, CO "Transient notch activation initiates an irreversible switch from neurogenesis to gliogenesis by neural crest stem cells"
07/02 Developmental Neurobiology Gordon Conference, Newport, RI, "Notch and neural crest stem cells in peripheral nervous system development"
09/22 Fondation des Treilles, Tourtour, France, "Notch and neural crest stem cells in peripheral nervous system development"
11/06 University of Kentucky, Lexington, KY, "Notch and neural crest stem cells in peripheral nervous system development"
11/17 Foundation for Fighting Blindness, Bethesda, MD, "An in vivo analysis of neural crest stem cell developmental potential"
11/29 Osaka University, Osaka, Japan, "Neural crest stem cells: developmental potential and differentiation"
12/01 Center of Excellence Int'l Symposium on Molecular Bases of Neuronal Development and Neurodegenerative Diseases, Nagoya, Japan, "The surprising roles of notch and neural crest stem cells in peripheral nervous system development"

2001 01/31 University of California at Los Angeles, CA, "Notch and neural crest stem cells in peripheral nervous system development"
02/13 Ernst Klenk Symposium, Cologne, Germany, "Neural crest stem cells and peripheral nervous system development"
02/14 National Institute for Medical Research (Mill Hill), London, UK, "Neural crest stem cells and peripheral nervous system development"
04/07 University of California at San Francisco Stem Cell Mini-symposium, San Francisco, CA, "Neural crest stem cells and PNS development"
04/22 The Sherman Lecture, West Bloomfield Jewish Community Center, West Bloomfield, MI "Stem cell biology and ethics"
05/23 National Neurofibromatosis Association. Aspen, CO, "Neural crest stem cells and peripheral nervous system development"
06/11 Neurotrophins Gordon Conference, Newport, RI, "Neural crest stem cells and peripheral nervous system development"
09/10 Howard Hughes Medical Institute Science Meeting, Chevy Chase, MD, "Neural crest stem cells and the generation of diversity"
10/06 4th International Symposium on Organogenesis, University of Michigan, Ann Arbor, MI, "Neural crest stem cells and the generation of diversity"

2002 01/25 University of California at Santa Cruz, CA, "Neural crest stem cells and the generation of diversity"
02/07 Case Western Reserve University, Cleveland, OH, "Neural crest stem cells and the generation of diversity"
02/22 Stem Cell Challenge Symposium, Vienna, Austria "Neural crest stem cells and the generation of neural diversity"
03/11 New York Academy of Medicine, Cell and Tissue Engineering Symposium, New York, NY, "Neural crest stem cells and peripheral nervous system development"

03/20 Engineering Tissue Growth International Conference, Pittsburgh, PA, "Neural crest stem cells and peripheral nervous system development"
04/24 Children's Hospital Medical Center, Cincinnati, OH, "Neural stem cells and the generation of diversity"
05/08 Department of Neurobiology, Stanford University, CA, "Neural stem cells and the generation of neural diversity"
05/14 Massachusetts General Hospital, Neuroscience Center, Charlestown, MA, "Neural crest stem cells and the generation of neural diversity"
06/03 Nobel Conference on Stem Cell Biology, Stockholm, Sweden, "Neural stem cells and the generation of neural diversity"
06/12 Midland Center for the Arts, Midland, MI, "An introduction to stem cell biology"
06/19 Indiana University, Indianapolis, IN, "Strategies for the generation of diversity in the nervous and hematopoietic systems"
09/19 12th Biennial Meeting of the American Motility Society, Galveston, TX, "Critical steps in the development of the ENS and their regulation"
09/25 Central Society for Clinical Research, Chicago, IL, "Stem cell plasticity"
10/14 University of Pennsylvania, Philadelphia, PA, "Neural crest stem cells and the generation of diversity"
12/07 American Society for Hematology Annual Meeting, Philadelphia, PA, "Stem cells and the generation of spatial diversity"

2003 01/22 University of California at Los Angeles, CA, "The generation of diversity from stem cells"
02/06 Johns Hopkins University, Baltimore, MD, "The generation of diversity from stem cells"
02/12 Wayne State University, Detroit, MI, "The self-renewal and diversification of stem cells"
03/05 St. Jude's Hospital, Memphis, TN, "The self-renewal and diversification of stem cells"
03/20 University of North Carolina, Chapel Hill, NC, "The diversification and self-renewal of neural stem cells"
04/22 University of Kentucky, Lexington, KY, "Age-related changes in stem cell properties"
05/14 Maine Medical Research Institute, Portland, ME "Self renewal of neural crest stem cells"
05/18 American Gastroenterological Association Annual Meeting, Orlando, FL "Hirschsprung disease is caused by defects in neural crest stem cell function."
06/09 International Society of Stem Cell Research Annual Meeting, Washington, DC, "Self renewal of neural crest stem cells"
06/20 Cold Spring Harbor Developmental Neurobiology Course, Cold Spring Harbor, NY, "The self-renewal and differentiation of neural stem cells"
08/02 Mount Desert Island Stem Cell Symposium, Salisbury Cove, ME, "Neural stem cells and their plasticity potential"
09/10 Ottawa Health Research Inst., Ottawa, Ontario, Canada, "The molecular regulation of neural crest stem cell function"
09/25 Emerging Technologies Conference, MIT, Boston, MA, "Adult stem cells"
10/21 University of Utah, Salt Lake City, UT, "The self-renewal and differentiation of neural stem cells"
10/29 Washington University, Stem Cell Symposium, St. Louis, MO, "Stem cell self renewal"
11/17 Howard Hughes Medical Institute, Chevy Chase, MD, "Stem cell self renewal"

11/18 Howard Hughes Medical Institute-National Institutes of Health Research Scholars, Bethesda, MD, "The genetic regulation of stem cell function"
12/08 Sloan-Kettering Institute, New York, NY, "The genetic regulation of neural stem cells"
12/15 Vanderbilt University, Nashville, TN, "The regulation of neural stem cell migration and self-renewal"

2004 01/15 University of California at San Diego, CA, "The self-renewal and differentiation of neural stem cells"
02/24 University of Toronto Institute of Biomaterials and Biomedical Engineering, Distinguished Speakers in Bioengineering, Toronto, Ontario, Canada, "The genetic regulation of stem cell function"
03/03 University of California at San Francisco, CA, "The genetic regulation of stem cell function"
03/09 Moffitt Cancer Center and Research Institute, Tampa, FL, "The genetic regulation of stem cell function"
03/27 American Association for Cancer Research 95th Annual Meeting, Orlando, FL, "The regulation of stem cell self-renewal"
04/01 Second Canadian Developmental Biology Symposium, Banff, Alberta, Canada, "The regulation of stem cell self-renewal"
04/15 NIH Organ Innervations Workshop, Bethesda, MD, "Neural stem cells in gut"
04/28 Association for Research in Vision and Ophthalmology (ARVO) 2004 Annual Meeting, Ft. Lauderdale, FL "Stem Cells in Biology and Medicine: An Overview"
05/20 Jackson Laboratory Seminar, Bar Harbor, ME, "The genetic regulation of stem cell function"
06/06 Midwest Developmental Biology Meeting, Kansas City, MO, "The genetic regulation of stem cell function"
06/08 McDonnell Foundation 2004 Annual Meeting, Palisades, NY, "The role of Bmi-1 in stem cell and cancer cell proliferation"
06/11 International Society for Stem Cell Research Annual Meeting, Boston, MA, "Adult stem cell self-renewal requires repression of senescence pathways by Bmi-1"
06/21 Tumor Stem Cell Mini-Symposium, Pittsburgh, PA, "Applying the principles of stem cell biology to cancer"
07/12 Federation for European Neuroscience Annual Meeting, Lisbon, Portugal, "The regulation of neural stem cell self-renewal"
07/16 University of Seville, Seville, Spain, "The genetic regulation of stem cell function"
08/17 Gordon Conference on Neural Development, Newport, RI, "The regulation of neural stem cell self-renewal"
08/18 Cold Spring Harbor Cancer Genetics & Tumor Suppressor Genes Meeting, Cold Spring Harbor, NY, "The regulation of neural stem cell self-renewal"
09/05 Cold Spring Harbor Mouse Molecular Genetics Meeting, Cold Spring Harbor, NY, "Determination of hematopoietic stem cell identity"
09/13 Howard Hughes Medical Institute Science Meeting, Chevy Chase, MD, "Determination of hematopoietic stem cell identity"
10/01 Columbia University, New York, NY, "Genetic regulation of stem cell function"
11/03 Novartis Institutes for BioMedical Research, Cambridge, MA, "Genetic regulation of stem cell function"
11/08 National Institute on Aging, Stem Cells and Aging Meeting, Bethesda, MD, "Stem cell self-renewal and senescence"

11/21 2004 Hanson Symposium, Adelaide, Australia, "The genetic regulation of stem cell function"
11/26 Walter & Eliza Hall Institute, Melbourne, Australia, "Distinguishing stem cells from progenitors"
12/09 American Society for Cell Biology Annual Meeting, Washington, DC, co-chaired Mini-symposium on Stem Cells and presented "Distinguishing stem cells from progenitors"
12/15 Weill Medical Center, Cornell University, New York, "The genetic regulation of stem cell function"

2005 01/13 Scripps Institute, San Diego, California, "The regulation of stem cell self-renewal and aging"
01/19 Duke University, Durham, North Carolina, "The regulation of stem cell self-renewal and aging"
02/12 Keystone Symposium, Molecular Regulation of Stem Cell Function, Banff, Alberta, Canada, "The regulation of stem cell self-renewal and aging"
02/25 University of California at Los Angeles Symposium, Los Angeles, California, "Applying the principle of stem cell biology to cancer"
03/03 Howard Hughes Medical Institute and CSIS Congressional Briefing on Stem Cells, Washington, DC, "Somatic stem cells"
03/17 Days of Molecular Medicine Meeting 2005, San Diego, CA, "Hematopoietic stem cell niches"
03/31 Dana-Farber Children's Hospital, Boston, MA, "The identification and regulation of stem cells"
04/06 MGH Cancer Center, Charlestown, MA "The identification, localization, and regulation of stem cells"
04//18 Chair of Symposium on Stem Cells and Cancer at the American Association for Cancer Research 96th Annual Meeting, Anaheim, CA, and presented "Pten regulates hematopoietic stem cell function and leukemogenesis"
04/28 Program Directors-General Clinical Research Centers Meeting, Washington, DC, "Stem cell research"
05/27 EMBO Workshop and Institute for Cancer Research and Treatment International Cancer Conference, Turin, Italy, "Stem cell self-renewal and cancer proliferation"
06/04 Cold Spring Harbor Symposium on Quantitative Biology, Cold Spring Harbor, NY, "Pten distinguishes the self-renewal of normal and leukemic stem cells"
06/24 International Society for Stem Cell Research, San Francisco, CA, "Differential expression of SLAM family members distinguishes stem and progenitor cells in the hematopoietic system and reveals endothelial niches for stem cells"
07/28 Society for Developmental Biology, San Francisco, CA, "Differential expression of SLAM family members distinguishes stem and progenitor cells in the hematopoietic system and reveals endothelial niches for stem cells"
09/13 HHMI Science Meeting, "Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"
10/04 National Cancer Research Institute Meeting, Birmingham, UK, "Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"
10/11 Tanenbaum Symposium, University of Toronto, Toronto, Canada, Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"
10/27 Keystone Symposium, Stem Cells, Senescence, and Cancer, Singapore, "Stem cell self renewal"
11/10 International Workshop on Cancer Stem Cells, Milan Italy, "Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"

11/16 Society for Neuroscience, Washington, D.C., "Stem cell self renewal versus cancer cell proliferation"
11/29 The Institute for Research in Immunology and Cancer, Montreal, Canada, "Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"
12/02 Harvard Stem Cell Institute, Boston, MA, "Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"
12/05 The Banbury Center, Cold Spring Harbor, NY, Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"
12/14 University of North Carolina, Chapel Hill, NC, "Stem cell self renewal versus cancer cell proliferation"

2006 01/11 Oregon Health and Science University, Portland, OR, "Stem cell self renewal versus cancer cell proliferation"
01/12 University of Oregon, Eugene, OR, "Stem cell self renewal versus cancer cell proliferation"
01/24 Stanford University, Stanford, CA, "Stem cell self renewal versus cancer cell proliferation"
02/03 ESH/AACR Conference, Cascais, Portugal, "Stem cell self renewal versus cancer cell proliferation"
02/17 AAAS Annual Meeting, St. Louis, MO, "Adult stem cells"
03/06 International Conference on Cell Therapy and Regenerative Medicine, Madrid, Spain, "Pten dependence distinguishes stem cell self-renewal from cancer cell proliferation"
03/29 Development of the Enteric Nervous System: Cells, Signals and Genes Conference, New York, NY, "Neurogenesis in the adult gut"
04/18 Abramson Family Cancer Research Institute, University of Pennsylvania, Pittsburgh, PA, "Stem cell self renewal versus cancer cell proliferation"
04/19 University of Wisconsin-Madison NIH Stem Cell Training Program, Madison, WI, "Neural stem cell aging"
04/27 University of Oklahoma, Oklahoma City, OK, "Stem cell self renewal versus cancer cell proliferation"
04/30 NIA Stem Cells and Aging 2006 Annual Meeting, Potomac, MD, "Stem cell aging"
05/02 NIH Stem Cell Seminar Series, Bethesda, MD, "Stem cell self renewal versus cancer cell proliferation"
05/25 University of Texas-Southwestern Seminar, Dallas, TX, "Stem cell self renewal versus cancer cell proliferation"
07/01 International Society for Stem Cell Research, 4th Annual Meeting, Toronto, Canada, "Stem cell aging"
07/16 American Society for Cell Biology, Summer Meeting, Boston, MA, "Hematopoietic stem cell niche"
09/12 Howard Hughes Medical Institute, Science Meeting, Chevy Chase, MD, "The regulation of stem cell aging"
09/18 Howard Hughes Medical Institute, Meeting of Predoctoral and Postdoctoral Research Fellows, Chevy Chase, MD, " Stem cell aging"
09/28 International Society for Experimental Hematology, 35th Annual Meeting, Minneapolis, MN, "Hematopoietic stem cell niche"
09/30 Michigan State Medical Society, 10th Annual Conference on Bioethics, Traverse City, MI, "Embryonic stem cells"
10/09 Genomics Institute of the Novartis Research Foundation, San Diego, CA, " Stem cell self-renewal, cancer cell proliferation and aging"
10/17 Center for Advanced Biotechnology and Medicine Symposium, Piscataway, NJ,

"Stem cell self-renewal, cancer cell proliferation and aging"
11/06 Cincinnati Children's Hospital, Cincinnati, OH, "Stem cell self-renewal, cancer cell proliferation and aging"
11/10 Stanford Regenerating Life Symposium, Stanford CA, "Stem cell aging"
12/07 Mount Sinai School of Medicine, New York, NY, "Identifying hematopoietic stem cells and their niche"
12/14 Keystone Symposium, Cancun, Mexico, "Identifying hematopoietic stem cells and their niche"

2007 02/01 INTACT 2007 Annual Meeting, Copenhagen, Denmark, "Stem cell self-renewal, cancer cell proliferation and aging"
02/16 University of California at Los Angeles Stem Cell Center Symposium, Los Angeles, CA "Stem cell self-renewal throughout life"
03/04 Keystone Symposium on Stem Cell Niches, Keystone, Colorado "The vascular niche for hematopoietic stem cells"
03/15 University of California at San Diego, San Diego, CA "Stem cell self-renewal throughout life"
03/20 USA-Japan Cooperative Cancer Workshop, Kauai, HI "Pten and leukemogenesis"
03/29 Children's Hospital Boston, Boston, MA"Stem cell self-renewal throughout life"
04/02 Pfizer, Ann Arbor, MI "Stem cell self-renewal throughout life"
04/24 The University of Washington, Seattle, WA "Stem cell self-renewal throughout life"
05/22 Days of Molecular Medicine, Boston, MA "Stem cell self-renewal throughout life"
05/24 University of Virginia, Charlottesville, VA "Stem cells in the nervous system and other tissues"
05/25 Robarts Regenerative Medicine Symposium, Toronto, ON "Stem cell self-renewal throughout life"
06/04 American Aging Association Conference, San Antonio, TX "Stem cell self-renewal, cancer cell proliferation and aging"
06/11 Children's Tumor Foundation NF Conference, Park City, UT "Stem cell self-renewal throughout life"
06/19 ISSCR Annual Meeting, Cairns, Australia "Sox17 dependence distinguishes the transcriptional regulation of fetal from adult hematopoietic stem cells"
07/15 Aspen Cancer Conference, Aspen CO "Stem cell self-renewal, cancer cell proliferation and aging"
09/28 ISEH Society for Hematology, Hamburg, Germany "Hematopoietic stem cell maintenance throughout life"
10/03 IRB Barcelona Biomed Conference, Barcelona, Spain "Neural crest stem cells, neurofibromatosis and MPNST"
10/05 CNIO (Spanish National Cancer Research Centre), Madrid, Spain "Stem cell self-renewal and cancer"
10/08 Merck-Cancer Stem Cell Symposium, Rome, Italy "Stem cell self-renewal, cancer cell proliferation and aging"
10/16 New York Stem Cell Foundation, Fall Conference, New York, NY "Stem cell self-renewal"
10/17 Silverstein Lecture, Northwestern University, Chicago, IL "Stem cell biology at the interface of science and politics"
11/07 University of California at San Francisco, San Francisco, CA "Stem cell self-renewal"

11/09 Stem Cell Network 7th Annual Scientific Meeting, Toronto, Canada "Stem cell self-renewal"

2008 01/10 Southern California Stem Cell Consortium, Burnham Institute, San Diego, CA "Stem cells and cancer"
01/14 University of Toronto Program in Immunology, Toronto, Canada "Stem cells and cancer"
02/14 American Association for Cancer Research Meeting on Cancer and Stem Cells, Los Angeles, CA "Stem cells and cancer"
02/27 Keystone Symposium on Tumor Suppressors and Stem Cell Biology, Vancouver, Canada "Stem cell self-renewal versus cancer cell proliferation"
03/28 Keystone Symposium on Signaling Pathways in Cancer and Development, Steamboat Springs, CO "Stem cells and cancer"
04/08 American Association of Anatomists, Annual Meeting 2008, San Diego, CA H.W. Mossman Award Lecture in Developmental Biology. "The regulation of stem cell self-renewal"
04/15 University of Pennsylvania, Immunology Colloquium Seminar, Philadelphia, PA "The regulation of stem cell self-renewal"
04/16 University of Wisconsin, 3rd Annual Wisconsin Stem Cell Symposium, Madison, WI "Loss of Nf1 transiently promotes self-renewal but not tumorgenesis by neural crest stem cells"
04/25 University of North Carolina, Chapel Hill, NC "The regulation of stem cell self-renewal"
05/06 Massachusetts Institute of Technology, Cambridge, MA The regulation of stem cell self-renewal"
05/22 Chicago Transduction Symposium, Northwestern University, Chicago, IL "The regulation of stem cell self-renewal"
05/23 University of California-San Francisco, San Francisco, CA "Stem cell self-renewal versus cancer cell proliferation"
06/10 Dana Farber Cancer Institute, Seminars in Oncology, Boston, MA "The regulation of stem cell self-renewal"
06/12 ISSCR Annual Meeting, Philadelphia, PA "The regulation of stem cell self-renewal"
07/23 Weissman Lab Symposium 2008, Hamilton, MT "The regulation of stem cell self-renewal"
09/08 Howard Hughes Medical Institute, Science Meeting, Chevy Chase, MD, "How frequent are tumorigenic human cancer cells?
09/16 Van Andel Research Institute, Grand Rapids, MI "Stem cell self-renewal"
09/26 Nobel Conference on Stem Cells, Stockholm, Sweden, "Stem cell self-renewal throughout life"
10/03 Keystone Symposia, Stem Cells, Cancer and Aging, Singapore, "Stem cells, aging and cancer"
10/15 Foundation Singer-Polignac, Paris, France, "Cancer Stem Cells"
11/10 Columbia University Dept. of Biology, New York, NY, "Stem cell self-renewal"
11/18 UCLA Department of Pharmacology, Los Angeles, CA, "Stem cell self-renewal"
12/12 Merck Research Labs, Cambridge MA, "Cancer stem cells and self-renewal"

2009 01/15 American Association for Cancer Research, Mouse Models of Cancer, San Francisco, CA, "What percentage of human cancer cells are tumorigenic?"
01/28 Keystone Symposium, Emerging Tumor Suppressors, Taos, NM, "Hmga2 increases the self-renewal of fetal and young adult stem cells"

02/24 CNIO(Spanish National Cancer Research Centre), Cancer Conference, Madrid, Spain, "Tumorigenic potential is a common attribute of human melanoma cells, rather than a property of rare melanoma stem cells"
03/17 National Institute of Aging, Baltimore, MD "The regulation of stem cell aging"
03/27 USA-Japan Cooperative Cancer Workshop, Kona, HI "A forward genetic screen for regulators of hematopoietic and leukemic stem cell self-renewal"
04/06 The University of Iowa, Neuroscience Seminar, Iowa City, IA, "Stem cell self-renewal"
04/14 University of Pennsylvania, Institute for Regenerative Medicine, Philadelphia, PA "The regulation of stem cell renewal"
04/17 Boston University School of Medicine, Stem Cell Symposium, Boston, MA, "Stem cell self-renewal versus cancer cell proliferation"
04/21 Keystone Symposium, Stem Cell Niche Interactions, Whistler, British Columbia, Canada, Keynote Address "Hematopoietic stem cell self-renewal"
05/11 Carnegie Institution, Baltimore, MD, "The regulation of stem cell self-renewal"
05/23 University of Ulm, Symposium on Molecular Mechanisms of Adult Stem Cell Aging, Reisensburg, Germany, "The regulation of stem cell aging"
06/02 Harvard Stem Cell Institute, Brookline, MA, "Stem cell self-renewal"
06/11 Pezcoller Symposium, Trento, Italy, "Cancer stem cells?"
06/18 Massachusetts Institute of Technolgy, Boston, MA, "Cancer stem cells?"
07/25 Society for Developmental Biology Annual Meeting, San Francisco, CA, "A forward genetic screen for stem cell self-renewal genes"
08/03 International Union of Biochemistry and Molecular Biology International Congress, Shanghai, China, "A forward genetic screen for self-renewal genes"
09/14 Howard Hughes Medical Institute, Science Meeting, Chevy Chase, MD, "A forward genetic screen for stem cell self-renewal genes"
09/17 Keynote Speaker, Wayne State University Graduate Student Research Day, Detroit, MI, "The regulation of stem cell self-renewal"
09/22 Cold Spring Harbor Symposium on Stem Cell Biology, Cold Spring Harbor, NY, "A transposon mutagenesis suppressor screen for self-renewal genes"
11/01 Society for Melanoma Research Annual Meeting, Boston, MA, "Tumorigenic cells are common in melanoma and lack obvious hierarchical organization"
12/04 American Society for Cell Biology Annual Meeting, San Diego, CA, "Some cancers follow a stem cell model and some don't"
12/14 American Association for Cancer Research Special Meeting on Brain Tumors, San Diego, CA, "Tumorigenic cells are common in some cancers"

2010 01/05 Columbia University, New York, NY, "The regulation of stem cell self-renewal"
01/28 Harvard University, Boston, MA, "The regulation of stem cell self-renewal"
02/03 Keystone Symposium, Tahoe City, CA, "A transposon mutagenesis suppressor screen for genes that regulate stem cell maintenance"
02/10 University of California at San Diego, San Diego, CA, "Some cancers follow a stem cell model, and some don't"
02/09 Pfizer, La Jolla, CA, "The cancer stem cell model describes some cancers but not others"
02/11 Salk Institute, La Jolla, CA, "Heterogeneity among cancer cells: stem cells or clonal evolution"
02/24 University of California at Berkeley, Berkeley, CA, "The regulation of stem cell self-renewal"

03/09 Foundation IPSEN, Beriloche, Argentina, "Some cancers follow a stem cell model, while other cancers have common tumorigenic cells with little or no hierarchical organization"
03/19 University of California at San Francisco, San Francisco, CA, "Some cancers follow a stem cell model, and some don't"
03/30 Wayne State University, Detroit, MI, "Some cancers follow a stem cell model, and some don't"
04/08 Cold Spring Harbor Asia, Suzhou, China, "The regulation of stem cell self-renewal"
04/18 New York University, New York, NY, "The regulation of stem cell self-renewal"
04/20 AACR Annual Meeting 2010, Washington, D.C., "Some cancers follow a stem cell model, while other cancers have common tumorigenic cells with little or no hierarchical organization"
04/27 Tri-Institutional Stem Cell Initiative, New York, NY, "Stem cells and cancer"
05/19 Princeton University, Princeton, NJ, "The regulation of stem cell self-renewal"
08/23 Jackson Laboratory, Short Course on Experimental Models, Bar Harbor, ME "Cancer stem cells?"
10/04 2010 World Stem Cell Summit, Detroit, MI Keynote Scientific Presentation, "Melanoma"
10/05 Novartis Cancer Retreat, Keynote Speaker, Atlanta, GA "Cancer stem cells?"
11/07 Howard Hughes Medical Institute, Science Meeting, Chevy Chase, MD, "The metabolic regulation of stem cells by Lkb1"
11/16 Sloan Kettering, New York, NY "The metabolic regulation of stem cells by Lkb1"
12/01 University of Chicago, Chicago, IL "Cancer stem cells?"
12/04 Leukemia and Lymphoma Society Symposium, Orlando, FL "The hematopoietic stem cell niche"

2011 02/02 Keystone Meeting on Stem Cells, Santa Fe, New Mexico "Developmental changes in PI-3kinase pathway signaling influence stem cells and leukemia"
02/09 Broad Center Opening Symposium, UCSF, San Francisco "Reprogramming of adult stem cells to have fetal characteristics
02/16 ABCAM Conference on Neurodegeneration and Stem Cells, Nassau, Bahamas "Bmi-1 regulates neurological function throughout adult life"
02/21 Univ of Texas Health Sciences Center San Antonio, Texas "Stem cell self-renewal throughout adult life"
03/10 Keystone Meeting on Stem Cells, Cancer, and Metastasis, Keynote Address "Tumorigenesis and metastasis in melanoma"
03/30 Keystone Meeting on Hematopoiesis, Big Sky Montana, "Regulation of temporal identity in stem cells."
04/02 American Association for Cancer Research Annual Meeting, Orlando, Florida, Workshop on Metastasis and tumor dormancy, "Melanoma tumorigenesis"
04/04 American Association for Cancer Research Annual Meeting, Orlando, Florida, Forum on Cancer Stem Cells, "Malignant peripheral nerve sheath tumors"
04/05 American Association for Cancer Research Annual Meeting, Orlando, Florida, Plenary session on Stem cell self-renewal mechanisms, "Temporal changes in stem cell self-renewal mechanisms"
04/28 Cold Spring Harbor Laboratory meeting on Cancer Biology, "Tumorigenic cell frequency"
04/29 National Institutes of Health meeting for grantees studying the hematopoietic stem cell niche, Bethesda, MD, "The hematopoietic stem cell niche"

05/05 Howard Hughes Medical Institute science meeting, Janelia Farm, "The hematopoietic stem cell niche"
05/10 University of Utah, Salt Lake City, "Intrinsic and extrinsic mechanisms that regulate hematopoietic stem cell function"
06/17 International Society for Stem Cell Research Annual Meeting, Toronto CA "The hematopoietic stem cell niche"
06/27 Gordon Conference on Cell Growth and Proliferation, Biddeford, Maine "Temporal changes in stem cell self-renewal mechanisms"
07/11 Aspen Cancer Conference, Aspen, CO, "Melanoma growth, metastasis, and genetic change"
08/04 Ellison Foundation Annual Meeting, Woods Hole, MA, "Bmi-1, stem cell aging, and neurological function"
09/14 Center for Cancer Systems Biology Series, Stanford, CA "Stem cell self-renewal and cancer cell proliferation"
09/16 American Association for Cancer Research Conference on Frontiers in Basic Cancer Research, San Francisco, CA "Plasticity of melanoma cells"
09/20 Cold Spring Harbor Laboratory meeting on Stem Cell Biology, Cold Spring Harbor, NY "Hematopoietic stem cell niches"
10/20 St. Jude's Biomedical Symposium, Memphis, TN "Neural stem cell self-renewal"
11/01 Frontiers in Cancer Science 2011, Singapore "Developmental changes in PI-3kinase pathway regulation lead to changes in hematopoietic stem cell self-renewal and leukemogenesis"
11/17 Cambridge Research Institute, Cambridge, UK "The intrinsic and extrinsic regulation of stem cell self-renewal"

2012 01/05 UCLA, Los Angeles, CA "The hematopoietic stem cell niche"
01/25 Stanford University, Stanford, CA "The hematopoietic stem cell niche"
02/20 Peking University, Beijing, China "The hematopoietic stem cell niche"
02/21 National Institute of Biological Sciences, Beijing, China "The hematopoietic stem cell niche"
03/09 Nobel Forum, Frontiers in Cancer Research and Therapy, Karolinska Institute, Stockholm, Sweden "Melanoma growth and metastasis"
03/21 University of Wisconsin, Madison, WI "The hematopoietic stem cell niche"
04/03 American Association for Cancer Research Annual Meeting, Baynard Clarkson Symposium "Ras, stem cells, clonal expansion, and leukemia"
04/05 Keystone Symposium, Breckenridge, CO "Pten, stem cells, and leukemogenesis"
04/11 Roy M. Huffington Distinguished Lecture, Huffington Center on Aging, Baylor Medical School, Houston, TX "Regulation of stem cell aging"
04/30 Weizmann Institute of Science, Rehovot, Israel "The hematopoietic stem cell niche"
05/06 Meeting of NHLBI Stem Cell Niche RFA recipients, National Institutes of Health, Bethesda, MD "The hematopoietic stem cell niche"
05/15 University of Nebraska, Omaha, NE "The cancer stem cell model?"
07/10 Cambridge University, Cambridge, UK "The hematopoietic stem cell niche"
09/12 Baker Institute, Houston, TX "Creating stem cell policy at the interface of science and politics"
09/13 Rice University/MD Anderson, Houston, TX "Stem cell self-renewal and leukemogensis"
10/01 Geoffrey Beene Symposium-Sloan-Kettering, New York, NY "Stem cell self-renewal and leukemogenesis"
10/16 Yale University, New Haven, CT "The hematopoietic stem cell niche"

11/05 Abcam Conference at The Salk Institute, La Jolla, CA "Proteostasis and stem cell function"
12/04 USC Norris Comprehensive Cancer Center, Los Angeles, CA "Melanoma, tumorigenesis and metastasis"

2013 01/15 Keystone Symposium-Hematopoiesis, Steamboat Springs, CO "Hematopoietic stem cell niche"
02/23 American Association for Cancer Research, Maui, Hawaii "Human melanoma metastasis in NSG mice correlates with clinical outcome in patients"
02/26 Keystone Symposium on Stem Cells in Homeostasis and Disease, Banff, Alberta, Canada "Hematopoietic stem cells and lymphoid progenitors occupy distinct niches in the bone marrow"
03/18 Genentech, San Francisco, CA "Stem cell self-renewal and cancer"
03/25 America-Japan Leukemia Meeting, Maui, Hawaii "HSC self-renewal and pre-leukemic expansion"
04/08 American Association for Cancer Research Annual Meeting, Washington, DC "Stem cells in cancer"
04/22 University of Pennsylvania, Philadelphia, PA "Stem cell self-renewal and cancer"
05/16 MD Anderson, Houston, TX "Stem cell self-renewal and cancer"
05/20 Meeting of NHLBI Blood Stem Cell Niche RFA recipients, National Institutes of Health, Bethesda, MD "Genetic analysis of stem cell maintenance in vivo"
07/22 Hebrew University, Stem Cells and Regenerative Biology Summer School "Strengths and weaknesses of the cancer stem cell model"
07/23 Hebrew University, Stem Cells and Regenerative Biology Summer School "Stem cells and leukemia"
08/02 Key Symposium 10: Taming the Cancer Cell, Stockholm, Sweden "Stem cell self-renewal and pre-leukemic clonal expansion"
09/16 International Society for Stem Cell Research Regional Forum, Florence, Italy "Stem cells: lost in translation"
09/27 University of Michigan Comprehensive Cancer Center Annual Research Fall Symposium "Stem cells and leukemogenesis"
10/10 Howard Hughes Medical Institute science meeting, Janelia Farm, Virginia, "Stem cells: lost in translation"
10/17 Nathan Shock Center Conference on Aging, Stem Cells and Aging, UT Health Science Center, San Antonio, TX "The regulation of stem cell aging"
10/29 Nature – Spanish National Cancer Research Centre (CNIO), Madrid, Spain "Human melanoma heterogeneity and metastasis"
11/15 Harvard University/Massachusetts General Hospital Center for Regenerative Medicine 10th Anniversary Symposium, Boston MA "Stem cell self-renewal & leukemogeneis"
11/18 McMaster University, Hamilton, Ontario, Canada "Hematopoietic stem cell niche"
11/19 Ontario Stem Cell Initiative, University of Toronto, Ontario "Stem cell self-renewal & leukemogenesis"
11/21 Cold Spring Harbor Laboratory, New York, NY "Stem cell self-renewal and leukemogenesis"
12/12 Lecture Series and Graduate Student Course in Stem Cell Biology, Rockefeller University, New York, NY "Hematopoietic stem cell niche"

2014 01/16 Keystone Symposium on Aging, Steamboat Springs, CO "Hematopoietic stem cells require a highly regulated rate of protein synthesis"
01/30 Agensys, Los Angeles, CA "Melanoma tumorigenesis and metastasis"

02/04 Keystone Symposium on Stem Cells and Cancer, Banff, Alberta "Hematopoietic stem cells require a highly regulated rate of protein synthesis"
02/12 Peter MacCallum Cancer Centre, Melbourne, Australia "Stem cell self-renewal and leukemogenesis"
02/15 Lorne Cancer Conference, Lorne, Australia "Haematopoietic stem cell self-renewal and leukemogenesis"
03/05 MD Anderson Experimental Therapeutics Seminar, Houston, TX "Melanoma tumorigenesis and metastasis"
03/26 Cold Spring Harbor Laboratory, Cold Spring Harbor, NY "Haematopoietic stem cells require a highly regulated protein synthesis rate"
04/07 American Association for Cancer Research Annual Meeting, San Diego, CA, Bayard Clarkson Symposium "Stem cell self-renewal and cancer"
04/08 Lawrence Berkeley National Laboratory, Life Sciences Division, Berkeley, CA "Melanoma tumorigenesis and metastasis"
04/09 University of California, San Francisco, Biomedical Sciences Seminar, San Francisco, CA "The hematopoietic stem cell niche"
05/05 Oregon Health and Science University, School of Medicine, Portland, OR "Melanoma tumorigenesis and metastasis"
05/14 University of Michigan, Life Sciences Institute Annual Symposium, Ann Arbor, MI "The regulation of stem cell self-renewal"
05/16 Washington University Neurofibromatosis Center, St. Louis, MO "Regulation of stem cells by Ras signaling"
05/22 University of Colorado, Cancer Biology Graduate Program, Denver, CO "Stem cell self-renewal and cancer cell proliferation"
05/30 Nature Conference, Genomics and Stem Cell Based Therapies, Guangzhou, China "The hematopoietic stem cell niche"
06/06 Weill Cornell Medical College, Ansary Stem Cell Institute 10th Anniversary Symposium, New York, NY "The regulation of stem cell self-renewal"
07/15 Cambridge University MRC Laboratory of Molecular Biology, Cambridge, UK "Hematopoietic stem cell niche"
08/22 International Society for Hematology and Stem Cells Annual Scientific Meeting, Montreal, Canada "Cancer, stem cells, and melanoma"
10/2 Cold Spring Harbor Laboratory meeting on Aging, Cold Spring Harbor, NY "Proteostasis in somatic stem cells"
10/8 Cincinnati Children's Hospital, Cincinnati, OH "The Hematopoietic stem cell niche"
10/17 EMBO Conference, Stem Cells and Epigenetics in Cancer, Hong Kong, China "Distant metastasis by melanoma cells depends upon reversible metabolic changes to cope with oxidative stress"
11/04 University of Ottawa, Department of Cellular and Molecular Medicine Trainee Seminar Series, Ottawa, Canada "The regulation of stem cell self-renewal"
11/14 Duke Cancer Institute Annual Scientific Retreat, Raleigh, NC "Melanoma heterogeneity and disease progression"
12/4 Beth Israel Deaconess Medical Center Distinguished Lecture Seminar, Boston, MA "Novel mechanisms of melanoma progression and treatment"
12/9 Cell Symposia, Stem Cell Energetics, Berkeley, CA "Reversible metabolic changes in human melanoma cells enable distant metastasis in vivo"

2015 02/25 Keystone Symposia, Hematopoiesis, Keystone, CO "Hematopoietic stem and progenitor cells regulate niche regeneration by secreting angiopoietin-1"

03/16 US/Japan Meeting on Malignant Hematopoiesis, Waikoloa, HI "Deep-imaging of stem cells in hematopoietic tissues and digital reconstruction of their microenvironment"
03/27 Acute Leukemia Forum, San Francisco, CA "Microenvironment and stem cells in acute leukemia"
04/07 New York University School of Medicine Stem Cell Biology Seminar Series, New York, NY "The regulation of stem cell self-renewal"
04/15 Duke University School of Medicine Cancer Biology Seminar Series, Raleigh, NC "The hematopoietic stem cell niche"
05/06 Howard Hughes Medical Institute science meeting, Janelia Farm, Virginia, "The regulation of melanoma metastasis"
08/07 Salk Mechanisms and Models of Cancer Symposium, LaJolla, CA "Mechanisms of melanoma metastasis"
09/08 University of Southern California Broad Center for Regenerative Medicine Seminar Series, Pasadena, CA "The hematopoietic stem cell niche"
09/18 Summit on Melanoma, Pasadena, CA "Mechanisms of melanoma metastasis"
10/04 Southwest Regional Society for Developmental Biology, Dallas, TX "The hematopoietic stem cell niche"
10/08 Seattle Children's Research Institute, Seattle, WA "The hematopoietic stem cell niche"
10/09 American Society for Bone and Mineral Research Annual Meeting, Seattle, WA "Skeletal stem cells in adult bone marrow"
10/30 Sanford-Burnham Prebys Medical Discovery Institute Annual Symposium, La Jolla, CA "The regulation of adult osteogenesis"
11/14 Cedars-Sinai Medical Center Symposium, Los Angeles, CA "The hematopoietic stem cell niche"
11/17 Bayer Symposia on Hematopoiesis, San Francisco, CA "The hematopoietic stem cell niche"
11/20 Society for Melanoma Research 2015 Congress, San Francisco, CA "The regulation of melanoma metastasis"
11/30 American Association of Cancer Research Developmental Biology & Cancer Meeting, Boston, MA "Oxidative stress inhibits distant metastasis by human melanoma cells"

2016 02/11 Stem Cell Research and Regenerative Medicine 2016 Conference, San Antonio, TX "Stem cell niches in the bone marrow"
02/22 University of Pennsylvania Institute for Regenerative Medicine Seminar Series, Philadelphia, PA "Adult niches for hematopoiesis and osteogenesis"
02/24 Columbia University Microbiology and Immunology Seminar Series, New York, NY "The niche for hematopoiesis and osteogenesis in the bone marrow"
03/07 Keystone Conference on Stem Cells and Cancer, Breckenridge, CO Keynote Address "Melanoma metastasis and therapy"
03/14 Memorial Sloan Kettering Cancer Center, Cancer as an Evolving and Systemic Disease, New York, NY "The regulation of melanoma metastasis"
03/22 University of Oklahoma, Oklahoma City, OK "Stem cell niches for hematopoiesis and osteogenesis"
04/04 European Molecular Biology Organization EMBL Symposium on Tumor Microenvironment and Signaling, Heidelberg, Germany, Keynote address "Oxidative stress inhibits distant metastasis by human melanoma cells"
04/07 German Cancer Institute Distinguished Lecturer Seminar Series, Heidelberg, Germany "The niche for hematopoiesis and osteogenesis in the bone marrow"

05/03 Keystone Conference, Epigenetic and Metabolic Regulation of Aging, Sante Fe, NM "Clec11A is necessary for the maintenance of the adult skeleton"
05/11 New York State Stem Cell Meeting, New York, NY, Keynote address "Niches for hematopoietic and osteogenic stem cells"
05/24 Copenhagen Biosciences Conference, Copenhagen, Denmark "Niches for hematopoietic and osteogenic stem cells in the bone marrow"
05/26 Lund University Stem Cell Center, Lund, Sweden "Niches for hematopoietic and osteogenic stem cells in the bone marrow"
06/02 Cold Spring Harbor Laboratory Symposium on Quantitative Biology, Cold Spring Harbor, NY "Metabolic regulation of stem cell frequency and tumor suppression"
06/03 Vanderbilt University Symposium on Cell Dynamics, Nashville, TN "Osteogenic and hematopoietic niches"
07/11 European Association for Cancer Research Annual Meeting, Manchester, UK "Recent progress in in vivo reprogramming"
08/27 International Society for Experimental Hematology Annual Meeting, San Diego, CA "Bone marrow adipocytes promote hematopoietic regeneration"
09/12 4th Annual German Stem Cell Network Conference, Hannover, Germany, "Stem niches in the bone marrow"
09/14 Biomedicum Helsinki, Helsinki, Finland "Metabolic mechanisms of cancer initiation and progression"
09/16 Wihuri Research Institute, Turku, Finland "Stem niches in the bone marrow"
09/30 University of Michigan Comprehensive Cancer Center Annual Research Symposium "Metabolic control of cancer initiation and metastasis"
10/05 University of Calgary Developmental Biology and Genetics Seminar, Calgary, Alberta "Stem cell niches in the bone marrow"
10/06 MD Anderson Symposium on Cancer Research, Houston, TX "Mechanisms of melanoma metastasis"
10/28 AACR Special Conference on Translational Control of Cancer, San Francisco, CA "Protein synthesis in stem cells"
11/02 Beth Israel Deaconess Medical Center Annual Cancer Symposium, Boston, MA "Metabolic regulation of stem cell function and tumor suppression"
11/04 Beckman Symposium on Stem Cells and Regenerative Medicine, City of Hope, Duarte CA "Niches for stem cells in the bone marrow"
11/11 Yale Stem Cell Center, Yale University, New Haven, CT "Stem cell niches in the bone marrow"
12/03 American Society for Cell Biology Annual Meeting, San Francisco, CA "Stem cells and cancer"

2017 01/17 Stanford Cancer Biology Seminar Series, Stanford, CA "Metabolic regulation of stem cells and cancer"
02/12 Gordon Research Conference (Stem Cells & Cancer), Lucca, Italy "Metabolic mechanisms regulating cancer initiation"
02/24 US-Japan Hematologic Symposium, Waikoloa, Hawaii "Metabolic regulation of leukemogenesis"
03/10 UC San Diego Division of Regenerative Medicine Third Annual Symposium, San Diego, CA "Stem cell niches in the bone marrow"
03/23 Fox Chase Cancer Center Distinguished Lecturer Seminar, Philadelphia, PA "Metabolic mechanisms of cancer initiation and progression"
03/30 Dana Farber Cancer Institute BMT/HM Grand Rounds, Boston, MA "The hematopoietic stem cell niche"

03/31 Harvard Stem Cell Institute Cancer Program Symposium, Boston, MA "Metabolic regulation of cancer initiation and progression"
04/10 Columbia Cancer Center Annual Symposium, Keynote Speaker, New York, NY "Metabolic regulation of cancer initiation and progression"
04/11 Banbury Center Meeting "Better Cancer Therapy from Redox Biology", Cold Spring Harbor, NY. "Distant metastasis requires cancer cells to adapt to oxidative stress"
04/29 Texas Dermatological Society Annual Spring Meeting, James N. Gilliam Memorial Lecturer, Dallas, TX "Antioxidants and melanoma progression"
05/02 Northwestern University Distinguished Annual Cancer Center Malkin-Kraft Lecture, Chicago, IL "Metabolic Mechanisms of Cancer Initiation and Progression"
05/22 University of Oxford Weatherall Institute of Molecular Medicine Seminar Series, Oxford, UK "Stem cell niches in the bone marrow"
05/25 EMBO Conference: Advances in Stem Cells and Regenerative Medicine, Heidelberg, Germany "Metabolic regulation of stem cells in vivo"
06/12 Third Annual Center for Skeletal Research Symposium, Harvard University, Boston, MA "New mechanisms that regulate adult skeleton maintenance"
06/15 International Society for Stem Cell Research 2017 Annual Meeting, Boston, MA "The metabolic regulation of stem cell function and leukemogenesis"
07/18 International Society on Thrombosis and Hemostasis 2017 Congress, Berlin, Germany, Sol Sherry lecture "Bone Marrow Niches"
09/15 Huntsman Cancer Institute Symposium: Frontiers in Cancer Prevention, Research and Therapy, Salt Lake City, UT "Metabolic mechanisms of cancer initiation and progression"
09/28 Rockefeller University Stem Cell Lecture, New York, NY "The hematopoietic stem cell niche"
09/29 Columbia University Stem Cell Initiative, New York, NY "The hematopoietic stem cell niche"
11/16 National Institutes of Health, Bethesda, MD "Stem Cell Aging"
11/20 Moffitt Cancer Center, Tampa FL "The Metabolic Regulation of Cancer Initiation and Progression"

2018 01/17 Texas Scottish Rite Hospital for Children, Dallas, TX "Skeletal stem cells and new osteogenic mechanisms"
01/24 Memorial Sloan Kettering President's Research Seminar Series, New York, NY "Metabolic mechanisms of cancer initiation and progression"
02/14 Howard Hughes Medical Institute Science Meeting, Janelia Farm, Virginia "Metabolic regulation of stem cell function"
02/21 ASBMT/CIBMTR (Bone Marrow Transplant) Tandem Meeting, Salt Lake City, UT "The hematopoietic stem cell niche"
03/02 University of British Columbia Biomedical Research Center Seminar Series, Vancouver, Canada "The microenvironment for stem cells in bone marrow"
04/02 Texas A&M College of Dentistry Research Day, Dallas, TX "The hematopoietic stem cell niche"
04/10 MD Anderson Cancer Center Science to Medicine Seminar Series, Houston, TX "The metabolic regulation of cancer initiation and metastasis"
04/14 American Association for Cancer Research Annual Meeting, Chicago, IL "Epigenetic regulation of stem cells and leukemia suppression by vitamin C"
04/20 St. Jude Danny Thomas Lecture Series, Memphis, TN "Metabolic mechanisms of cancer initiation and progression"

05/03 UCLA Stem Cell Seminar Series, Los Angeles, CA "The hematopoietic stem cell niche"
05/11 Princeton University Lewis-Sigler Symposium, Princeton, NJ "Metabolic regulation of melanoma metastasis"
05/14 University of Toronto Charles Gould Easton Seminar Series, Toronto, Canada "The niche for hematopoietic stem cells"
05/24 New York Academy of Sciences Cancer Metabolism and Signaling Symposium, New York, NY "The metabolic regulation of cancer progression"
06/14 Keystone Symposia on Novel Aspects of Bone Biology, Snowbird, UT "The maintenance of the adult skeleton"
07/01 The European Association for Cancer Research Annual Meeting, Amsterdam, the Netherlands "The metabolic regulation of cancer progression"
07/19 Gordon Research Conferences (Endothelial Cell Phenotypes in Health and Disease), Lucca, Italy "Endothelial cells and the niche for stem cells versus restricted progenitors"
07/27 HuaCell BioMed Future Conference (From Gene Translation to Translational Medicine), Beijing, China "The maintenance and regeneration of blood-forming stem cells"
08/18 Cold Spring Harbor Laboratory Meeting on Mechanisms and Models of Cancer, Cold Spring Harbor, NY "Lactate exchange promotes oxidative stress resistance and melanoma metastasis"
09/12 Harvard Stem Cells and Regenerative Medicine Seminar Series, Cambridge, MA "Bone marrow niches and maintenance of the adult skeleton"
09/26 Frankfurt Cancer Conference, Frankfurt, Germany "The metabolic regulation of cancer progression"
09/28 AACR Special Conference on Metabolism and Cancer, Keynote Speaker, New York, NY "The metabolic regulation of cancer progression"
10/10 Korea Advanced Institute of Science & Technology Vascular Research Center Basic Science Symposium, Seoul, South Korea "Perivascular niches in the bone marrow"
10/26 Cold Spring Harbor Laboratory Meeting on Nutrient Signaling, Cold Spring Harbor, NY "Lactate exchange promotes oxidative stress resistance and melanoma metastasis"
11/02 Vanderbilt University Lubomir S. Hnilica Lecture in the Frontiers in Biochemistry Seminar Series, Nashville, TN "Metabolic mechanisms regulating cancer progression"
11/16 Inaugural Research Symposium of the Stanford Maternal and Child Health Research Institute, Keynote Address, Palo Alto, CA "Stem cell niches in the bone marrow"
12/01 American Society of Hematology Annual Meeting, San Diego, CA, "The regulation of hematopoietic stem cells and erythropoiesis"
12/08 The American Society for Cell Biology/European Molecular Biology Organization Meeting, Keynote Address, San Diego, CA "Niches for stem cells in bone marrow"

2019 01/28 German Cancer Consortium (DKTK) WTZ/DKTK – Symposium on Plasticity and Cancer, Essen, Germany, "The metabolic regulation of cancer progression"
01/29 Scientist in Residence, University of Duisburg-Essen, Essen Germany, "Stem cells, cancer and metabolism"
01/31 Charles Rodolphe Brupbacher Symposium, Zurich, Switzerland, "Lactate exchange promotes oxidative stress resistance and melanoma metastasis"

02/20 US/Japan Hematologic Malignancies Symposium, Maui, HI "Niche and metabolic regulation of hematopoietic stem cells"
03/08 Case Comprehensive Cancer Center Seminar Series, Cleveland, OH "Metabolic regulation of melanoma metastasis"
03/19 Dana-Faber Seminars in Oncology Emily Frederick DiMaggio Lecture, Boston, MA "Metabolic mechanisms that regulate melanoma metastasis"
03/26 Stem Cells and Cancer Gordon Research Conference, Ventura, CA "Metabolic heterogeneity among melanoma cells confers differences in metastatic potential"
04/02 MIT Biology Colloquium, Boston, MA "Niche and metabolic regulation of stem cells in the bone marrow"
04/05 University of Chicago Committee Cancer Biology Seminar Series, Chicago, IL "Hematopoietic stem cell niche"
04/16 Lady Davis Institute Distinguished Lecture Series, Montreal, Canada "The metabolic regulation of stem cells and cancer"
04/18 University of Michigan Graduate Course Lecture on Stem Cells and Regeneration, Ann Arbor, MI "Hematopoietic stem cell maintenance and leukemia development"
05/09 Dana Farber Cancer Institute BMT/HM Grand Rounds, Boston, MA "The hematopoietic stem cell niche"
05/31 48th Annual American Aging Association Meeting, San Francisco, CA "Osteolectin/α11 integrin signaling: a new mechanism for the maintenance of the aging skeleton"
06/10 The Children's Hospital of Philadelphia at University Pennsylvania Normal & Malignant Hematopoiesis RAG Seminar Series, Philadelphia, PA "Niche and metabolic regulation of hematopoietic stem cells"
06/17 31st Pezcoller Symposium, The Enrico Mihich Lecture, Trento, Italy "The metabolic regulation of cancer progression"
08/23 International Society for Experimental Hematology Annual Conference, Brisbane, Australia "The identification of a peri-arteriolar niche for lymphoid progenitors and osteogenic progenitors in the bone marrow"
09/10 The Origin of Cancer Key Symposium, Stockholm, Sweden "Melanoma metastasis through lymph"
09/27 Cold Spring Harbor Laboratory Meeting on the Biology of Cancer: Microenvironment and Metastasis Conference, Cold Spring Harbor, NY "The metabolic regulation of melanoma metastasis"
10/21 Stanford Special Donor Symposium Honoring Irving Weissman, Palo Alto, CA "The hematopoietic stem cell niche"
11/08 National Cancer Institute U01 Patient-Derived Models of Cancer PI Annual Meeting, San Francisco, CA "Metabolic regulation of melanoma metastasis"
11/15 University of Washington Institute for Stem Cell and Regenerative Medicine, Seattle, WA "Niches for stem cells and progenitors in bone marrow"
11/21 Rockefeller University Stem Cell Lecture Series, New York, NY "The hematopoietic stem cell niche"
11/22 Society for Melanoma Research Congress, Salt Lake City, UT "Melanoma metastasis through lymph"

2020 01/14 University of California at San Francisco Jonah Platt Stem Cell Seminar Lecture Series, San Francisco, CA "The hematopoietic stem cell niche"
02/24 Fred Hutchinson Cancer Research Center Perspectives in Science Seminar, Seattle, WA "The niche for hematopoietic stem cells"

04/15 Massachusetts General Hospital stem cell niche interest group, virtual seminar "The hematopoietic stem cell niche"

ISSUED PATENTS

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2. M.F. Clarke, **S. J. Morrison**, M. Wicha, and M. Al-Hajj. Isolation and Use of Solid Tumor Stem Cells, US Patent number 6,984,522 Date of patent 01/10/2006

3. M.F. Clarke, **S. J. Morrison**, M. Wicha, and M. Al-Hajj. Isolation and Use of Solid Tumor Stem Cells, US Patent number 7,115,360 B2, Date of patent 10/03/2006

4. O.H. Yilmaz, M.J. Kiel, **S.J. Morrison**, T. Iwashita. Hematopoietic Stem Cell Identificationand Isolation, US Patent number 7,510,877 B2, Date of patent 03/31/2009

5. M.F. Clarke, **S. J. Morrison**, M. Wicha, and M. Al-Hajj. Isolation and Use of Solid Tumor Stem Cells, US Patent number 7,113,710 B2, Date of patent 05/11/2010

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7. O.H. Yilmaz, M.J. Kiel, **S.J. Morrison**, T. Iwashita. Hematopoietic Stem Cell Identificationand Isolation, US Patent number 7,919,316 B2, Date of patent 04/05/2011

8. **S.J. Morrison** and E. Kruger. Postnatal gut neural crest stem cells, US Patent number 8,043,853, Date of patent 10/25/2011

9. M.F. Clarke, **S.J. Morrison**, M. Wicha, and M. Al-Hajj. Isolation and Use of Solid Tumor Stem Cells, US Patent number 8,357,491 B2, Date of patent 01/22/2013

10. O.H. Yilmaz, M.J. Kiel, **S.J. Morrison**, T. Iwashita. Hematopoietic Stem Cell Identification and Isolation, US Patent number 8,383,404, Date of patent 02/26/2013

11. **S.J. Morrison**, J.K. Mich. Identification and Isolation of Neural Stem Cells and Neurosphere Initiating Cells, US Patent application number 15/308,671, Filing date 11/03/2016

12. M.F. Clarke, **S.J. Morrison**, M.S. Wicha, M. Al-Hajj. Isolation an duse of solid tumor stem cells., US Patent number 9,492,538, Date of patent 11/15/2016

13. **S.J. Morrison**, E. Piskounova, U. Eskiocak. Combination treatments for melanoma, US Patent number 9,561,245, Date of patent 02/07/2017

14. **S.J. Morrison**, U. Eskiocak. Treatment for melanoma, US Patent number 9,572,828, Date of patent 02/21/2017

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1. Morrison, S.J., P.A. Nicholl, and P.R. Hicklenton. 1993. VA Mycorrhizal inoculation of landscape trees and shrubs growing under high fertility conditions. **Journal of Environmental Horticulture** 11:64-71.

2. Morrison, S.J., E. Lagasse, and I.L. Weissman. 1994. Demonstration that Thy^{lo} subsets of mouse bone marrow that express high levels of lineage markers are not significant hematopoietic progenitors. **Blood** 83:3480-3490. PMID 7515713

3. Morrison, S.J. and I.L. Weissman. 1994. The long term repopulating subset of hematopoietic stem cells is deterministic and isolatable by phenotype. **Immunity** 1:661-673. PMID 7541305

4. Morrison, S.J., H.D. Hemmati, A.M. Wandycz, and I.L. Weissman. 1995. The purification and characterization of fetal liver hematopoietic stem cells. **Proceedings of the National Academy of Sciences USA** 92:10302-10306. PMC40784

5. Morrison, S.J., K.R. Prowse, P. Ho, and I.L. Weissman. 1996. Telomerase activity in hematopoietic cells is associated with self-renewal potential. **Immunity** 5:207-216. PMID 8808676

6. Morrison, S.J., A.M. Wandycz, K. Akashi, A. Globerson, and I.L. Weissman. 1996. The aging of hematopoietic stem cells. **Nature Medicine** 2:1011-1016.

7. Morrison, S.J.*, D.E. Wright*, and I.L. Weissman. 1997. Cyclophosphamide/granulocyte colony-stimulating factor induces hematopoietic stem cells to proliferate prior to mobilization. **Proceedings of the National Academy of Sciences USA** 94:1908-1913. *These authors contributed equally. PMC20016

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