

CURRICULUM VITAE

Daniel Joseph Garry, M.D., Ph.D.

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Personal

Spouse: Mary Grace Garry, Ph.D.

Children: Glynnis
John
Grace
Patrick

Education

1986-1990 M.D., Medicine, University of MN Hospitals and Clinics, Minneapolis, MN
1981-1990 Ph.D., Cell Biology and Neuroanatomy, University of Minnesota, Minneapolis, MN, Dissertation Advisor: Robert L. Sorenson, Ph.D.
1976-1980 B.S., Natural Sciences, St. John's University, Collegeville, MN

Professional Experience

1996-1998 Clinical Cardiology Fellowship with advanced training in heart failure and transplantation, UT Southwestern Medical Center, Dallas, TX
1993-1996 Postdoctoral Fellow, Molecular Cardiology, UT Southwestern Medical Center at Dallas, Dallas, TX, Advisor: R. Sanders Williams, M.D.
1992 Research Fellow, Cold Spring Harbor Laboratory, Long Island, NY
1991-1993 Medical Residency, Department of Medicine, University of MN Hospitals, Minneapolis, MN, Thomas Ferris, M.D., Chairman
1990-1991 Medical Internship, Department of Medicine, University of MN Hospitals, Minneapolis, MN, Thomas Ferris, M.D., Chairman

Faculty Appointments

2007-present	Professor, Department of Medicine, University of Minnesota, Minneapolis, MN
2007-present	Director, Lillehei Heart Institute, University of Minnesota
2007-present	Chief, Cardiovascular Division, University of Minnesota
2007-present	Member, Stem Cell Institute, University of Minnesota
2004-2007	Associate Professor, Department of Internal Medicine, University of Texas Southwestern Medical Center, Dallas, TX
2004-2007	Associate Professor, Department of Molecular Biology, University of Texas Southwestern Medical Center, Dallas, TX
2004-2007	Director, Cardiovascular Regeneration and Stem Cell Center, University of Texas Southwestern Medical Center, Dallas, TX
2003-2007	Donald W. Reynolds Executive Board, University of Texas Southwestern Medical Center, Dallas, TX
2001-2007	Director, Stem Cell Flow Cytometry Facility, University of Texas Southwestern Medical Center, Dallas, TX
2001-2007	Director, Stem Cell Flow Cytometry Laboratory, University of Texas Southwestern Medical Center, Dallas, TX
2001	Co-Chair Educational Committee, Donald W. Reynolds Cardiovascular Center, Dallas, TX
2001-2003	Co-Director, Integrative Biology Graduate WIP/Journal Club, University of Texas Southwestern Medical Center, Dallas, TX
1999-2001	Donald W. Reynolds Associate, University of Texas Southwestern Medical Center, Dallas, TX
1998-2007	Medical Staff (Division of Cardiology), Parkland Hospital, Dallas, TX
1998-2007	Medical Staff (Division of Cardiology), Zale Lipshy Hospital, Dallas, TX
1998-2007	Medical Staff (Heart Failure/Transplant Program) St. Paul Medical Center, Dallas, TX
1999-2007	Member, Genetics and Development Graduate Program, University of Texas Southwestern Medical Center, Dallas, TX
1999-2007	Member, Integrative Biology Graduate Program, University of Texas Southwestern Medical Center, Dallas, TX
1998-2004	Assistant Professor, Department of Internal Medicine, University of Texas Southwestern Medical Center, Dallas, TX
1998-2004	Assistant Professor, Department of Molecular Biology, University of Texas Southwestern Medical Center, Dallas, TX

Honors and Awards

2007	St. Jude Medical Endowed Chair in Cardiology, University of Minnesota, Minneapolis, MN
2004-2007	Recipient, Gail Griffiths Hill Endowed Chair in Cardiology, UT Southwestern Medical Center, Dallas, TX
2006	AHA Established Investigator Award
2001	Doris Duke Innovation in Clinical Research Award
2001	Finalist, ACC Young Investigator's Award

Honors and Awards, *continued*

2001 Basil O'Connor Starter Scholar Research Award, March of Dimes Association
 1999 Winner, AstraZeneca Young Investigator Award
 1999 Finalist, AHA Council on Circulation Cardiovascular Research Prize
 1999 Finalist, ACC Young Investigator's Award (declined, as manuscript was published in *Nature*)
 1998 Winner, Astra-Merck Young Investigator Basic Science Research Award
 1998 Howard Hughes Institutional Scholar Award
 1997 Winner, American Heart Association, Louis N. Katz Young Investigator Award
 1995 Clinician Investigator Development Award, National Institutes of Health
 1990 Minnesota Medical Foundation Research Award
 1989 J. Jacob Kaplan Award for Outstanding Medical Research, University of MN Medical School
 1987 Bacaner Basic Science Research Award for Outstanding Graduate Studies
 1986 MN Graduate Fellowship Award, University of MN Medical School
 1985 Arnold Lazarow Research Award, University of MN Medical School
 1980 Graduated cum laude, St. John's University, Collegeville, MN

Memberships in Professional and Scientific Societies

2008 – present International Society of Heart & Lung Transplantation
 2008 – present Association of University Cardiologists
 2008 – present Minnesota Academy of Medicine
 2007 – present Association of Professors of Cardiology
 2007 – present Developmental Biology Society
 1998 – present American Heart Association (Basic Science Council)
 1993 – present American Medical Association
 1990 – present American Association for the Advancement of Science

Editorial Position

Section Editor (Musculoskeletal biology) Molecular Medicine Textbook
 2005 – present Editorial Board Member, *Regeneration*

Invited Reviewer

Section Editor (Musculoskeletal biology) Molecular Medicine Textbook

Journal Reviewer *Biochemistry, Circulation, Circulation Research, Cell-Stem Cell, Development, Developmental Biology, Developmental Cell, Journal of Biological Chemistry, Journal of Cardiac Failure, Journal of Cell Biology, Journal of Neuroscience, Oncogene, Proceedings of the National Academy of Sciences, Science*

Abstract Reviewer American College of Cardiology, 2006-2008 Annual Scientific Sessions

Study Sections

2005 – present Scientific Advisory Committee, MDA
2002 – present American Heart Association National
2000 – 2004 American Heart Association Western Consortium
1999 – 2003 Ad Hoc; MDA

Academic Committees at UT Southwestern Medical Center at Dallas

2007 Organizer, Ethical, Political and Scientific Challenges for Regenerative Medicine, April 20, 2007, St. John's University
2007 Organizer, FASEB Summer Conference, Stem Cells & Muscle Regeneration
2005 Organizer, FASEB Summer Conference, Stem Cells & Muscle Regeneration
2003 Organizer, 3rd Annual Cardiovascular Symposium, Oct. 20-21, Dallas, TX
2002 Organizer, 2nd Annual Pathways to Heart Failure Symposium, Oct. 21-22, Dallas, TX
2001 Co-organizer, Weinstein Cardiovascular Symposium, May, 2001, Dallas, TX
2001 Organizer, Pathways to Heart Failure Symposium, Oct. 15-16, Dallas, TX
2001-2007 Graduate Student Examination Committee, Genetics and Development Graduate Program
2001-2007 Graduate Student Examination Committee, Integrative Biology Graduate Program
2001-2003 Director, Stem Cell Forum Monthly Lecture Series
2000-2007 ARC Self-Assessment Committee, UT Southwestern Medical Center, Dallas,
2000-2003 Advisor, Clinician-Scientist Training Program, Division of Cardiology
2000-2003 Director, Congestive Heart Failure Monthly Lecture Series
1998-2007 Interviewer, Medical Student Selection Committee
1998-2007 Interviewer, Internship Selection Committee, Department of Internal Medicine
1998-2007 Interviewer, Fellowship Selection Committee, Division of Cardiology

Teaching Responsibilities

2007-present Cardiovascular Pathophysiology Medical School Course, University of Minnesota
2004-2007 Ph.D. advisor, Matthew Alexander, Genetics and Development Graduate Program, University of Texas Southwestern
2004-2006 Ph.D. advisor, Mary Tunison, Genetics and Development Graduate Program
2004-2006 MSTP advisor, Elizabeth Kheone, University of Texas Southwestern
2002-2007 Ph.D. advisor, Jon Embree, Genetics and Development Graduate Program, University of Texas Southwestern
2001-2007 Ph.D. advisor, Amanda Masino, Genetics and Development Graduate Program, University of Texas Southwestern
2001-2007 Cardiovascular Section Coordinator, Human Biology and Physiology Graduate Course, University of Texas Southwestern
2001-2007 Cardiovascular Section Director, Human Biology and Physiology Graduate Course, Congestive Heart Failure, University of Texas Southwestern

Teaching Responsibilities, *continued*

2001-2007	Course Instructor, Human Biology and Physiology Graduate Course, Emerging Technologies in Cardiovascular Medicine, University of Texas Southwestern
2001-2007	Course Instructor, Human Biology and Physiology Graduate Course, Problem solving-Cardiovascular Biology, University of Texas Southwestern
2001-2007	Lecturer, Readings in Developmental Biology Graduate Course, Stem Cell Biology, University of Texas Southwestern
1983-1986	Dental School Head and Neck Anatomy, University of Minnesota
1983-1986	Medical School Histology, University of Minnesota
1982-1987	Medical School Gross Anatomy, University of Minnesota

Qualifying exams

2006	James Deng
2006	Hirotooshi Hoshiyama
2005	Sangho Yu
2004	Jen-Chieh Chuang
2002	Brian McNally
2000	Adrian Lacy

Thesis committees

2004-2007	Tony Yu (Steve Kernie, MD, PhD, mentor)
2004-2007	Mi-Sung Kim (Eric Olson, PhD, mentor)
2004-2007	Mei Xin (Eric Olson, PhD, mentor)
2003-2007	Bryan Young (Eric Olson, PhD, mentor)
2003-2007	Joe Parks ((Dennis McKearin, PhD, mentor)
2003-2007	Hong-Hsing Liu (James Chen, PhD, mentor)
2003-2005	Rita Sulahian (Tom Kodadek, PhD, mentor)
2002-2005	Jennifer Croy (Robert Hammer, PhD, mentor)
2002-2005	Stacy Glasgow (Jane Johnson, PhD, mentor)
1999-2002	Rafal Kedzierski (Masashi Yanagisawa, MD, PhD, mentor)

Advisory committees

2005-2007	Vidu Garg, M.D., (Eric Olson, PhD, mentor)
2004-2007	Pradeep Mammen, MD (Daniel Garry, MD, PhD, mentor)

Research Interests

- Stem Cell Biology & Developmental Biology
- Mechanisms of Muscle Regeneration

Research Support

Ongoing

R01 AR47850-01

National Institute of Health/NIAMS

MNF regulation of myogenic stem cells

20% effort

Period: 7/01/01-6/30/12

\$225,000 direct funds/year

Research Support, *continued*

The major objectives of this project include: 1) To define the molecular basis for selective expression of MNF in the myogenic stem cells; 2) To define the profile of gene expression and cell cycle progression in wild-type and MNF mutant myogenic stem cells and 3) To define the regulatory interaction between MNF and the cell cycle dependent kinase inhibitor, p21.

Role: *Principal Investigator*

R01 HL63788-01

National Institute of Health/NHLBI

Novel cardioprotective mechanisms in myoglobin null mice

20% effort

Period: 5/01/02-2/01/08 (NCE)

\$225,000 direct funds/year

The major objectives of this project are to characterize the cellular and molecular phenotype of mice deficient in both myoglobin and HIF-1. We will define the cardioprotective mechanisms that promote survival of myoglobin null mice under ambient and hypoxic conditions.

Role: *Principal Investigator*

P01 HL49953-11

National Institute of Health

Genetic approaches to early cardiac development

Section PI: Garry

20% effort

Period: 8/01/03-7/31/08

\$200,000 direct funds/year

The major objectives of this project are to isolate rare stem cell population using FACS analysis and define the molecular program of selected progenitor cell populations.

Role: *Core Principal Investigator (RJ Schwartz Principal Investigator)*

Muscular Dystrophy Association

Transcriptional regulation of myogenic progenitors

0% effort

Period: 7/01/05-6/30/08

\$120,000 direct funds/year

The major objectives of this project are to utilize transgenic technologies and biochemical assays to define upstream regulators of Foxk1 gene expression in myogenic progenitor cell populations.

Role: *Principal Investigator*

American Heart Association Established Investigator Award 0% effort
Regulation of Abcg2 and myocardial regeneration Period: 1/01/06-12/31/10
\$90,000 direct funds/year

The grant is an Established Investigator Award that broadly proposes to evaluate the molecular regulation of the Abcg2 gene and the capacity of progenitors to participate in myocardial repair.

Role: *Principal Investigator*

March of Dimes 0% effort
Regulatory mechanisms of cardiac progenitors Period: 6/01/06-5/31/09
\$99,000 direct funds/yr

The major objectives of this grant are to decipher the signaling pathways that direct cardiac morphogenesis and the proliferative capacity of cardiac progenitors.

Role: *Principal Investigator*

Research Support, continued

GlaxoSmithKline Research and Education Foundation Period: 6/01/06-5/31/08
Nkx2.5 regulated networks in the developing mouse heart \$55,000 direct funds/year

This is a Young Investigator Award for a Cardiology Fellow who is pursuing a postdoctoral fellowship training in my laboratory. The specific aims of this project propose to define the direct downstream targets of Nkx2.5 in the developing heart.

Role: *Sponsor for C.M. Martin (PI)*

NHLBI (1K08 HL07644001) Period: 9/30/05-6/30/10
Regulation of tissue hemoglobins in the heart.

This is a NIH K08 clinical investigator development grant for Dr. Pradeep Mammen. The goals of this grant are to define the transcriptional regulation of cytoglobin in the heart, generate transgenic models and gene disruption models to modulate the levels of cytoglobin in the developing and adult mouse.

Role: *Sponsor for P Mammen*

American Heart Association National Grant Office Period: 7/2007-6/2012
American Heart Association Fellow-to-Faculty \$65,000(07) \$132,000(08-12)
Transition Award

Adult human bone marrow derived stem cells for myocardial regeneration

Role: *Sponsor for H. Sadek*

Grants (Pending)

NHLBI Period: 2/01/07-1/31/12
Transcriptional regulation of cardiac morphogenesis \$250,000direct funds/yr

Role: *Principal Investigator*

Grants (Completed)

Donald W. Reynolds Foundation 20% effort
Molecular mechanisms of myocardial stem cell biology Period: 10/01/04–7/15/07

Principal Investigator: Helen Hobbs
Role: *Section PI*

\$350,000 direct funds/year

NHLBI

Minority supplement for Dr. Shane Kanatous
Role: *Sponsor*

Period: 6/01/03-5/31/06

Texas Advanced Technology

Molecular characterization of human stem cells
Role: *Principal Investigator*

Period: 1/01/04-12/31/05

Pfizer

Molecular mechanisms of cardiac dysfunction in cyto. c oxidase subunit VIaH deficient mice
Role: *Principal Investigator sponsor for P. Mammen*

Period: 7/01/01 - 6/30/04

Research Support / Grants (Completed), continued

Texas Advanced Technology

Molecular characterization of human cardiac stem cells

Role: *Principal Investigator*

Period: 1/01/02 - 12/31/03

Muscular Dystrophy Association

Molecular mechanism of muscle regeneration and stem cell biology

Role: *Principal Investigator sponsor for A. Meeson*

Period: 1/01/02 - 12/31/03

March of Dimes

Muscle stem cell biology

Period: 2/01/01 - 1/31/03

NHLBI: K08-HL03231-04

Winged helix transcription factors and cardiogenesis

Role: *Principal Investigator*

Period: 8/01/95 - 7/31/02

Muscular Dystrophy Association

Regulatory mechanisms of myogenic stem cells

Role: *Principal Investigator*

Period: 7/01/99 - 6/30/02

Doris Duke Foundation

Human Stem Cells: Therapy for heart failure

Role: *Principal Investigator*

Period: 7/01/00 - 6/30/02

American Heart Association Texas Affiliate

Molecular mechanisms of muscle regeneration

Role: *Principal Investigator*

Period: 7/01/99 –6/30/01

Texas Advanced Technology

Isolation and genetic engineering of myogenic stem cells

Role: *Principal Investigator*

Period: 1/01/00 – 12/31/02

Pre-doctoral and Post-doctoral Trainees Mentored in the Garry Laboratory

Name of TRAINEE ^a (Status while in Training)	Training Period	Title of Research Project While Training With This Mentor	Current or Last Known Position	Current or Last Known Research Topic and NIH grants
Joel Elterman, M.D.	1997–2001	Forkhead factors and myogenesis	Surgical resident, UCSD	Texas Technology Grant
Scott Hafferkamp, M.D.	1999	Regulatory mechanisms of fiber-type specificity	Medical resident, UT Southwestern Medical Center	Texas Technology Grant
Cary Ward, M.D.	2000–2002	Interacting proteins for MNF	Assistant Professor, Duke University	Texas Technology Grant
Amanda McGrath, M.D.	2002-2004	Transcriptional response to hypoxia	Graduate student, NTSU	Texas Technology Grant
Amanda Masino, Ph.D.	2001–2005	Molecular mechanisms of cardiac progenitor cells	Postdoctoral fellow, University of Washington	NIH
Jon Embree, Ph.D.	2002–present	Regulatory mechanisms of myogenic stem cells	Assistant Professor, UT Southwestern Medical Center	CV Training Grant
Mary Tunison, M.S.	2004–present	Mechanisms of myocardial stem cell self renewal	Graduate student, UT Southwestern Medical Center	CV Training Grant
Matthew Alexander, Ph.D.	2004–present	Forkhead transcription factors and myogenic stem cells	Graduate student, UT Southwestern Medical Center	NIH
Elizabeth Kheone, M.D./Ph.D.	2004–present	Forkhead genes and stem cell biology	MSTP student, UT Southwestern Medical Center	MSTP Training Grant
Annette Meeson, Ph.D.	1999–2003	Isolation of myogenic stem cells	Assistant Professor, University of Edinburgh	MOA Training Grant and AHA Beginning Grant-In-Aid
Thomas Hawke, Ph.D.	1999–2003	Functional studies of MNF	Associate Professor, York University	MDA Grant

**Pre-doctoral and Post-doctoral Trainees Mentored in the Garry Laboratory,
continued**

Pradeep Mammen, M.D.	1999–2003	Molecular adaptations in myoglobin deficient heart	Assistant Professor, UT Southwestern Medical Center	Pfizer YIA Training Award
Shane Kanatous, Ph.D.	2001–2005	Molecular analysis of myoglobin deficient skeletal muscle	Assistant Professor, Colorado State University	NSF YIA Grant
Cindy Martin, M.D.	2001–2007	Abcg2 expression identifies cardiac stem cells	Assistant Professor, University of Minnesota	NIH AstraZenica YIA winner (2002)
Haris Naseem, M.D.	2002–2005	Mechanisms of myocardial regeneration	Assistant Professor, UT Southwestern Medical Center	Departmental funds
Shuaib Latif, M.D.	2004–present	Signal recruitment of stem cells following myocardial injury	Cardiology fellow, University of Pennsylvania	CV Training Grant
Xiaozhong Shi, Ph.D.	2004–2007	Transcriptional regulation of cardiac stem cells	Assistant Professor, University of Minnesota	NIH funds
Anwarul Ferdous, Ph.D.	2005–2007	Wnt/beta-catenin signaling pathways regulating cardiac stem cells	Assistant Professor, University of Minnesota	Reynolds
Audra Day, Ph.D.	2005–2006	Transcriptional regulation of cardiac growth	Assistant Professor, UT Southwestern Medical Center	Reynolds
Jamie Russell, Ph.D.	2005–2007	Transcriptional regulation of cardiac stem cells	Postdoctoral fellow, UT Southwestern Medical Center	NIH
Hesham Sadek, M.D./Ph.D.	2005–2007	Cardiac stem cells and myocardial regeneration	Assistant Professor, UT Southwestern Medical Center	NIH
Thomas Kurian, M.D.	2005–2006	Transcriptome analyses & heart transplantation	Cardiology fellow, Barnes Hospital, St. Louis, MO	NIH

**Pre-doctoral and Post-doctoral Trainees Mentored in the Garry Laboratory,
continued**

Thomas Kurian, M.D.	2005–2006	Transcriptome analyses & heart transplantation	Cardiology fellow, Barnes Hospital, St. Louis, MO	NIH
Rebecca Scotland, Ph.D.	2007-present	Cardiac repair with stem cells	Postdoctoral fellow, Lillehei Heart Institute, University of Minnesota	NIH

Ronald Allen, Ph.D.	2004–2005	Sox and Fox transcriptional regulators of stem cell populations	Professor, University of Arizona
Cyprian V. Weaver, Ph.D.	2005–2007	Transcriptional regulatory mechanisms of regeneration	Professor, University of Taiwan

Lectures by Invitation (Selected)

- 09-17-07 Emerging Technologies for Cardiovascular Medicine. Medicine Grand Rounds, Abbott Northwestern Hospital, Minneapolis, MN
- 07-15-06 Mechanisms of myocardial repair. Lillehei Heart Institute, Minneapolis, MN.
- 12-17-06 Biosignatures and heart failure. University of Texas Southwestern Grand Rounds.
- 12-03-06 Molecular networks regulating muscle stem cells. University of Texas Southwestern Physiology Seminar Program, Dallas TX.
- 06-17-06 Regenerative therapies for heart failure. International Society for Heart Failure, Toronto, Ontario, Canada
- 06-02-06 Stem cell therapies: Hype or Hope. University of Notre Dame, Southbend, IN
- 05-12-06 Mechanisms of myocardial regeneration. Reynolds Symposium, Las Vegas, NM
- 03-25-06 Cell-based therapies for cardiovascular disease. University of Texas Southwestern, Medicine Grand Rounds, Dallas, TX
- 06-22-05 Cardiac development-a roadmap for myocardial regeneration. The Ira and Jean Belfer Lectureship. Johns Hopkins University, Baltimore, MD
- 06-03-05 Stem cell therapies: Ethics, Biology, and Challenges for the treatment of cardiomyopathies. University of Notre Dame, South Bend, IN
- 05-20-05 Resident cardiac stem cells and myocardial regeneration. Harvard Medical School, Boston, MA
- 02-21-05 Personalized medicine and cardiovascular biology for the 21st century. University of Texas Southwestern, Cardiology Grand Rounds, Dallas, TX
- 11-05-05 Regenerative mechanisms and stem cell populations in regenerating heart and skeletal muscle. Visiting Professor Program, Johns Hopkins School of Medicine, Baltimore, MD
- 11-05-04 Waking the sleeping giant: resident stem cells and muscle regeneration. Cardiology Grand Rounds/Reynolds, Johns Hopkins, Baltimore, MD
- 11-03-04 Stem cell biology and regenerative medicine. Lillehei Cardiovascular Seminar Series, University of Minnesota, Minneapolis, MN
- 11-03-04 Self-service at the pump: stem cells and muscle regeneration. Cardiology Grand Rounds, University of Minnesota, Minneapolis, MN
- 10-07-04 Exercise-induced injury and repair of skeletal muscle. 2004 APS Intersociety meeting: Integrative biology of exercise, Austin, TX
- 10-23-04 Forkhead transcription factors and tissue regeneration. Genomic applications and Developmental biology. Tanglewood Resort, Sherman, TX
- 09-10-04 Cardiac progenitor cells in the adult C57Bl/6 and MRL heart. Thrombosis and Cardiovascular Biology Seminar Series. University of Pennsylvania, Philadelphia, PA
- 07-15-04 Regulatory mechanisms of cardiac progenitor cells. AHA Symposium of Stress Signals, Molecular Targets and the Genome. Dolce Skamania Lodge, Stevenson, WA
- 06-15-04 Mechanisms of myocardial regeneration, University of Cincinnati Cardiology Grand Rounds, Cincinnati, OH
- 05-06-04 Muscle-building with stem cells. University of Colorado, Boulder, CO.
- 02-20-04 Recruitment of stem cells and myocardial injury. International Pathology Meeting, Vancouver City, Vancouver, Canada

Lectures by Invitation (Selected), *continued*

- 09-30-03 Persistent Abcg2 expression identifies cardiac progenitor cells. MDA Conference entitled, Cardiomyopathy in Muscular Dystrophy, Tucson, AZ
- 08-16-03 Cellular and molecular characterization of the cardiac progenitor cell in the adult heart. AHA Conference titled "Molecular mechanisms of growth, death and regeneration in the myocardium," Snowbird, Utah
- 07-27-03 Foxk1 regulation of myogenic progenitor cell populations. FASEB Summer Research Conferences on Skeletal Muscle Satellite and Stem Cells, Tucson, AZ
- 03-26-03 The yellow brick road and the tinman's search for a cell. Cardiology Grand Rounds, Albert Einstein College of Medicine, New York, NY
- 03-06-03 Building and repairing the heart—one cell at a time. Internal Medicine Faculty Report, University of Texas Southwestern Medical Center, Dallas, TX
- 02-21-03 The Tinman's New Dilemma: If I Only Had A Cell. Cardiology Grand Rounds. University of Texas Southwestern Medical Center, Dallas, TX
- 12-16-02 Building and repairing the heart using myogenic stem cells. Physiology Seminar Series. University of Texas Southwestern Medical Center, Dallas, TX
- 12-03-02 Cellular and molecular adaptations in myoglobin deficient mice. Rogers NMR Lecture Series. University of Texas Southwestern Medical Center, Dallas, TX
- 11-17-02 Winged helix factors and the regulation of myogenic stem cells. AHA Scientific Sessions, Chicago, IL
- 02-02-02 Are stem cells the answer? Heart Failure 2002: The Cutting Edge, University of Texas Southwestern Medical Center, Four Seasons Resort, Dallas, TX
- 01-16-02 Stem cell biology and cardiovascular medicine, AHA Symposium, University of Texas Southwestern Medical Center, Dallas, TX
- 10-14-02 Stem cells as builders of the body, STARS Conference, University of Texas Southwestern Medical Center, Dallas, TX
- 12-13-01 Molecular mechanisms of muscle development, Medical Grand Rounds, Scottish Rite Hospital, Dallas, TX
- 07-19-01 Alternative therapies for orthotopic heart transplantation, Medical Grand Rounds, University of Texas Southwestern Medical Center, Dallas, TX
- 06-08-01 Functional alternatives for myoglobin in the heart, Grand Rounds - Laboratory of Cardiac Energetics, National Institutes of Health, Bethesda, MD
- 06-08-01 Clinical and basic science mechanisms of stem cell biology, Critical Medicine Grand Rounds, National Institutes of Health, Bethesda, MD
- 05-19-01 Regulation of the myogenic stem cell population by forkhead transcription factors, Weinstein Cardiovascular Development Conference, Dallas, TX
- 03-19-01 Functional and molecular adaptations in skeletal muscle of myoglobin mutant mice, American College of Cardiology, Orlando, FL
- 11-18-00 Cellular and molecular adaptations in myoglobin mutant mice, Workshop on Myoglobin sponsored by The Center for Nonlinear Studies, Los Alamos National Laboratory, Los Alamos, NM
- 11-14-00 Molecular regulation of muscle regeneration, AHA 73rd Scientific Sessions, New Orleans, LA
- 08-19-00 Molecular regulation of myogenic stem cells by MNF, Sixth Annual AstraZeneca Cardiovascular Young Investigators' Forum, Quebec City, Canada

Lectures by Invitation (Selected), *continued*

- 05-23-00 Regulatory mechanisms of myogenic stem cells, Molecular Biology of muscle Development and Disease, Asilomar Conference, Asilomar, CA
- 05-02-00 Cardiac and vascular defects in mice lacking myoglobin, The 64th Annual Scientific Meeting of the Japanese Circulation Society, Osaka, Japan
- 02-15-00 Regulatory Mechanisms of Myogenic Stem Cells, Molecular Biology of the Cardiovascular System Keystone Symposia, Snowbird, UT
- 11-10-99 Molecular Regulations of Muscle Development, AHA 72nd Scientific Sessions, Atlanta, GA
- 11-09-99 Adaptive Mechanisms in Myoglobin Mutant mice, AHA 72nd Scientific Sessions, Atlanta, GA
- 08-18-99 Myoglobin Mutant Mice, Scientific conference on Molecular, Cellular, and Integrated Physiological Approaches to the Failing Heart, Snowbird, UT
- 11-15-98 MNF Mutant Mice Display Growth Inhibition and Have Impaired Muscle Regeneration, International Meeting on Forkhead/Winged Helix Proteins. LaJolla, CA
- 11-10-98 Growth Inhibition of Myogenic Stem Cells in Mice Lacking MNF, AHA 71st Scientific Sessions, Dallas, TX
- 10-18-98 Forkhead Proteins and Development, Cardiology Grand Rounds, University of Texas Southwestern Medical Center at Dallas, Dallas, TX
- 08-21-98 Functional Alternatives for Myoglobin, 4th Annual Astra Merck Young Investigator's Forum, Squaw Creek Resort, CA
- 08-14-98 MNF Localization to the Muscle Satellite Cell Population, Postnatal Myogenesis: Satellite Cells in Action, Boston, MA
- 07-31-98 Forkhead proteins and regulatory mechanisms of myogenic stem cells, Muscular Dystrophy Association, Stem Cell Workshop, Tucson, AZ

Publications

Garry DJ, Sorenson RL, Elde RP, Maley BE, Madsen A. Immunohistochemical colocalization of GABA and insulin in B-cells of rat islet. ***Diabetes*** 1986; 35:1090-1095.

Garry DJ, Sorenson RL, Coulter HD. Ultrastructural localization of gamma amino butyric acid immunoreactivity in B-cells of the rat pancreas. ***Diabetologia*** 1987; 30:115-119.

Garry DJ, Coulter HD, McIntee TJ, Wu JY, Sorenson RL. Immunoreactive GABA transaminase within the pancreatic islet is localized in mitochondria of the B-cell. ***J. Histochemistry & Cytochemistry*** 1987; 35:831-836.

Garry, DJ, Garry MG, Sorenson RL. Ultrastructural immunocytochemical localization of L-glutamate decarboxylase and GABA in rat pancreatic zymogen granules. ***Cell and Tissue Res.*** 1988; 252:191-197.

Garry DJ, Appel NM, Garry MG, Sorenson RL. Cellular and subcellular immuno-localization of L-glutamate decarboxylase in rat pancreatic islets. ***J. of Histochem & Cytochem*** 1988; 36:6:573-580.

Publications, continued

Garry DJ, Sorenson RL. Radioimmunoassay for rat pancreatic alpha-amylase and the effect of Phe—Met-Arg-Phe-amide (FMRF-HH2) on cholecystokinin stimulated amylase secretion in the isolated perfused rat pancreas. *Pancreas* 1988; 3:5:551-558.

Garry DJ, Garry MG, Williams JA, Mahoney W, Sorenson RL. Effects of islet hormones on pancreatic amylase secretion and the localization of saturable somatostatin binding sites in the isolated perfused rat pancreas. *Am. J. Physiology* 1989; 256:19:G897-G904.

Sorenson RL, **Garry DJ**, Brelje TC. Perspectives in Diabetes: Structural and functional considerations of GABA in islets of langerhans—B cells and nerves. *Diabetes* 1991;40:1365-74.

Sorenson RL, **Garry DJ**. The GABA system in islets: B-cells and nerves. In: *Diabetes* 1991 (eds) H. Rifkin, J.A. Colwell, S.I. Taylor, 1991; 421-425.

Vawter DE, Kearney W, Gervais KG, Caplan AL, **Garry DJ**, Tauer C. The use of human fetal tissue: scientific, ethical, and policy concerns. *J. Int bioethique* 1991; 3:189-196.

Ward JC, Gittlin JB, **Garry DJ**, Jatoi A, Luikart SD, Acdlickson B, Dahl MV, Skubitz KM. Epidermolysis bullosa acquisita induced by GM-CSF: A role for eosinophils in treatment related toxicity: eosinophilic bullous skin lesions induced by GM-CSF. *Br J Haematol* 1992; 81:27-32.

Garry DJ, Caplan A, Vawter D, Kearney W. Are there really alternatives to the use of fetal tissue from elective abortions in transplantation research? *N Engl J Med.* 1992; 327:22:1592-95.

Thompson RC, Pickvance EA, **Garry DJ**. Fractures in large-segment allografts. *J Bone Joint Surg Am.* 1993; 75:1663-1673.

Garry, D.J., R. Bassel-Duby, J.A. Richardson, J. Grayson, P.D. Neuffer and R.S. Williams Postnatal development of specialized muscle fiber characteristics in the hindlimb. *Dev Gene* 1996; 19:146-156.

Benjamin IJ, Shelton J, **Garry DJ**, Richardson JA. Temporospacial expression of the small HSP/alpha-beta Crystallin in cardiac and skeletal muscle during mouse development. *Dev Dynamics* 1997; 208:75-84.

Garry DJ, Yang Q, Bassel-Duby R, Williams RS. Persistent expression of MNF identifies myogenic stem cells in postnatal muscles. *Dev Biol* 1997; 180:280-294.

Schultz RA, Swoap S, McDaniel L, Zhang B, Koon EC, **Garry DJ**, Li K, Williams RS. Differential expression of mitochondrial DNA replication factors in mammalian tissues. *J Biol Chem* 1998; 273:6:3347-3451.

Publications, *continued*

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