

CURRICULUM VITAE

I. PERSONAL INFORMATION

Name: Andrew Scott Weyrich, Ph.D.
Birthplace: Dayton, OH
Citizenship: USA
Academic Title: Vice President for Research
President, University of Utah Research Foundation
Professor of Internal Medicine
H.A. & Edna Benning Presidential Endowed Chair
University of Utah
201 Presidents Circle, Room 210
Salt Lake City, UT 84112-9011
Phone: 801-581-3002
andy.weyrich@utah.edu

II. EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution</u>
1985	BS, Biology	Baldwin-Wallace College, Berea, OH
1987	MS, Health & Exercise Science	Wake Forest University, Winston-Salem, NC
1991	PhD, Physiology/Pharmacology	Bowman Gray School of Medicine, Winston-Salem, NC
1991-1993	Post-doctoral fellow	Thomas Jefferson University, Philadelphia, PA
1993-1995	Post-doctoral fellow	University of Utah, Salt Lake City, UT

III. PROFESSIONAL POSITION(S)

Current:

2016-present Vice President for Research, University of Utah
2016-present President, University of Utah Research Foundation
2007-present Tenured Professor, Department of Internal Medicine, University of Utah
2015-present H.A. & Edna Benning Presidential Endowed Chair, University of Utah

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Previous:

2017-2018	Interim Director, Molecular Medicine Program, University of Utah
2017	Interim Associate Vice President for Research at Health Sciences, University of Utah
2013-2016	Associate Dean for Research, Health Sciences University of Utah
2012-2015	Attilio D. Renzetti Jr. Presidential Endowed Chair, Division of Respiratory, Critical Care, and Occupational Pulmonary Medicine, University of Utah
2002-2007	Associate Professor, Department of Internal Medicine, University of Utah
1995-2002	Assistant Professor, Department of Internal Medicine, University of Utah

IV. HONORS AND ACHIEVEMENTS

1984	Honorable Mention NCAA Academic All American
1984	Omicron Delta Kappa Honorary Society
1984, 1985	Lee Tressel Academic/Athletic Scholarship
1985	NCAA Academic All American
1985	Cum Laude Graduate
1986	Certified, ACSM Exercise Test Technologist
1987, 1988	Graduate Assistantship, Bowman Gray School of Medicine
1990	ACSM Exercise Test Technologist Testing Supervisor
1997	Young Investigator Prize in Thrombosis, American Heart Association
2003	Established Investigator, American Heart Association
2004	The Children's Health Research Center, University of Utah, Outstanding Mentorship
2011	Investigator Recognition Award, XXIII Congress of the International Society on Thrombosis and Haemostasis, Kyoto, Japan
2011	Special Recognition Award in Thrombosis, American Heart Association's Council on Arteriosclerosis, Thrombosis and Vascular Biology
2012	Chair, American Society of Hematology Scientific Committee on Platelets
2013	William Dameshek Award, American Society of Hematology
2014	Chair, Gordon Research Conference on Hemostasis
2017	Scientific Program Co-Chair, American Society of Hematology
2018-present	NIH/NHLBI Advisory Council
2020	John R. Hoidal, MD, Senior Investigator Award, University of Utah

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V. *TEACHING AND MENTORING EXPERIENCE*

Teaching:

1985 - 1987 Exercise Science, undergraduate students, Wake Forest University

1996 – 2010 Gross Anatomy, Unit I and II, 1st year medical students, University of Utah

2005 –2012 Gene Expression, 1st and 2nd year graduate students, University of Utah

<u>Trainee</u>	<u>Dates</u>	<u>Position</u>	<u>Current Position</u>
Julie Kessel, MD	1994-1998	Fellow	Assistant Professor of Pediatrics, University of Wisconsin
Jeanne Falk, MD	1996-1998	Research Associate	OBGYN, Intermountain Budge Clinic
Ravinder Pabla, PhD	1996-1998	Fellow	Scientist, Essex, U.K.
Tracy Mahoney, PhD	1997-2000	Fellow	Scientific Writer
Spencer Galt, MD	1997-2002	Surgeon	Professor of Surgery, Intermountain Medical Center, UT
Rob Christensen, MD	1999-2000	MD Student	Family Practice, McKay-Dee Hospital
Stephan Lindemann, MD	1999-2002	Fellow	Professor, Eberhard-Karls Universität, Tübingen, Germany
Carolyn Fratto	2000-2002	Undergrad Student	Pediatric Nurse, Sheltering Arms Children and Family Services, NY
Con Yost, MD	2000-2010	Fellow	Associate Professor of Pediatrics, University of Utah
Melvin Denis, PhD	2002-2004	MD/PhD Student	Deceased
Elliott Spencer, PhD	2002-2004	Fellow	Director, Utah Cord Bank
Jason Foulks, PhD	2002-2008	Post-doc Fellow	Senior Director SDP Oncology, Lehi, UT

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Mark Martinez, MD	2002-2010	Fellow	Pulmonary and Critical Medicine, SLC, Utah
Frederick Rubner, MD	2003-2005	Fellow	Neonatologist, Aurora Bay Medical Center, Wisconsin
Ben Risenmay, MD	2004-2006	Undergrad Student	Anesthesiologist, Intermountain Healthcare, Utah
Hansjörg Schwertz, MD	2004-2008	Post-doc Fellow	Family and Preventive Medicine, Molecular Medicine, University of Utah
Emilysa Tolley	2004-2008	Undergrad Student	Lab Services Rep, Scripps Health
Noemi Michetti	2006-2009	Graduate Student	Transfusion Medicine, Azienda USL di Pescara, Dipartimento di Medicina Trasfusionale
Nathan Thornton, MD	2006-2009	Clinical Fellow	Neonatologist, St. Luke's Children's Hospital, Boise, Idaho
Matthew Rondina, MD	2006-2010	Chief Resident	Associate Professor, Director, Molecular Medicine University of Utah
Heather Campbell, MD	2008-2010	Clinical Fellow	Assistant Professor, OBGYN, University of Utah
Jesse Rowley, PhD	2008-2011	Post-doc Fellow	Assistant Professor, University of Utah
Bjoern Kraemer, MD	2009-2010	Clinical Fellow	Clinical Fellow, Eberhard-Karls Universität, Tübingen, Germany
Zechariah Franks, MD	2009-2013	Post-baccalaureate	Otolaryngology Resident, Johns Hopkins, MD
Tammy Smith, MD/PhD	2009-2014	Graduate Student	Neurologist, University of Utah Hospital and Clinics
Jack Staddon, MD	2012-2014	Clinical Fellow	Pediatric Hematology, Billings Clinic
Patrick Zimmerman DO	2010-2013	Post-baccalaureate	Surgery Fellow, University of Vermont
Matthew Smith, MD/PhD	2010-2013	MD/PhD Student	Assistant Professor, University of Washington

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Sebastian Schubert, PhD	2011-2013	Post-doc Fellow	Post-doc Fellow, Mainz, Germany
Tagrid Ruiz, MD	2013	MD Student	OBGYN Resident, University of Utah
Dallas Shi, MD/PhD	2012-2014	MD/PhD Student	Occupational Medicine Resident, University of Utah
McKenzie Carlisle PhD	2012-2015	Post-doc Fellow	Research Program Manager, Biofire Diagnostics
Danielle Nance, MD	2013-2015	Clinical Fellow	Assistant Professor, University of Arizona
Robert Campbell, PhD	2009-2014	Post-doc Fellow	Instructor, University of Utah
Adriana Vieira-de-Abreu, PhD	2010- 2014	Post-doc Fellow	IACUC Research Manager, University of Utah
Claudia Araújo, PhD	2011-2016	Post-Doctoral Fellow	Research Manager, University of Utah
Seth Ack	2016 &2017	High School Intern	Undergraduate Student, University of Puget Sound
Cameron Galt	2014-2015	Undergrad Student	Ski Patrol and Guide, Utah and Intermountain West
Krystin Kraul, PhD	2016-2019	Post-doc Fellow	Post-doc, Germany
Elizabeth Middleton MD	2017-2019	Clinical Fellow	Assistant Professor, University of Utah
Alicia Eustes, PhD	2015-2020	PhD Student	Post-doc, University of Iowa
Bannu Manne, PhD	2016-present	Post-doc Fellow	Post-doc, University of Utah
Amily Guo, PhD	2017-present	Post-doc Fellow	Post-doc, University of Utah
Donald Lynch MD	2019-present	PRIDE Scholar	Assistant Professor, University of Cincinnati
Merry Joseph	2020-present	Undergrad Student	Presidential Intern, University of Utah
Alejandro Sanchez	2021-present	Undergrad Student	Presidential Intern, University of Utah

VI. MEMBERSHIP/AFFILIATION IN PROFESSIONAL SOCIETIES AND COMMUNITY PARTNERSHIPS

American Heart Association (AHA)
American Society of Hematology (ASH)
Association of American Universities (AAU)
Association of American Medical Colleges (AAMC)
Association of Public and Land Grant Universities (APLU)
Canine Companions for Independence (CCI)
Crimson Club, University of Utah
National Abilities Center (NAC)
U-FIT
University Neighborhood Partners (UNP)
Utah Parent Center

VII. ADVISORY BOARDS AND COMMITTEES

2009-2012 Member, Retention, Promotion, and Tenure (RPT) Committee
2013 Member, School of Medicine (SOM) Space Task Force
2013-2016 Manager, Health Sciences (HSC) Research Space
2013-2016 Co-Chair, HSC Research Advisory Committee
2013-2014 Member, VPR Limited Submissions Advisory Committee
2013-2015 Director, HSC Cores and Recharge Centers
2013-2016 Chair, SOM Bridge Funding Advisory Committee
2013-2014 Chair, USTAR Space Working Group
2013-2019 Member, VPR Research Instrumentation Fund Review Committee
2013-2016 Member, Medical Education Building (MED) Complex Working Group
2014-2018 Member, University of Utah Transformative Excellence Proposal Committee
2014-2016 Director, HSC T-based Training Grant Support Office
2015 Member, SOM Search Committee, Anesthesiology Department Chair
2015 Member, VPR Search Committee for Office of Comparative Medicine Director
2015-2016 SOM Liason, Undergraduate Research Opportunities Program (UROP)
2015-2016 SOM Liason, Biology Undergraduate Research Program (BioURP)
2015-2016 Member, Internal Medicine Search Committee, Harrison Chair in Division of Rheumatology
2015-2016 Member, Internal Medicine Search Committee, Renzetti Chair in Division of Respiratory and Clinical Care
2016-2017 Member, College of Nursing Search Committee, Associate Dean for Research in College of Nursing

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- 2016-2017 Member, Graduate Student Support/Tuition Benefits Committee
- 2016-present University of Utah Asia Campus, Board of Directors
- 2017-present CCTS (Clinical Center for Translational Sciences) Advisory Committee
- 2018 Co-chair, Search Committee for Senior Vice President of HSC, CEO of University of Utah Health, and Dean of the SOM
- 2018-2019 Chair, Facilities and Administration Task Force
- 2018-present HCI (Huntsman Cancer Institute) Advisory Committee
- 2018-present Campus Budget Advisory Committee
- 2019-present Presidential Budgetary Review Committee
- 2019-present Association of American Universities (AAU) Senior Research Officer
- 2019-2020 Co-chair, Foreign Influence Task Force
- 2020-present Academic Senate, Post-doctoral Policy Committee
- 2020-present Cardiovascular Strategy Steering Committee
- 2021-present AAU Core Senior Research Officer Steering Committee

VIII. RESEARCH TALKS AND SERVICE

Invited Lectureships and Keynote Addresses:

- 1993 University of Utah, CVRTI, Salt Lake City, UT
- 1997 American Heart Association, Orlando, FL
- 1997 Johannes-Gutenberg University, Mainz, Germany
- 2001 Martin-Luther University, Halle, Germany
- 2003 Royal College of Surgeons, Dublin, Ireland
- 2003 European Society of Cardiology, Vienna, Austria
- 2003 European Stroke Conference, Valencia, Spain
- 2004 Martin-Luther University, Halle, Germany
- 2004 World Stroke Congress, Vancouver, Canada
- 2005 Leading Stroke Experts Workshop, Montreal, Canada
- 2005 International Society of Thrombosis and Hemostasis, Platelet Physiology Symposium, Plenary Speaker, Sydney, Australia
- 2005 Boston University School of Medicine, Boston, MA
- 2005 Cleveland Clinic, Cleveland, OH
- 2006 Emory University, Atlanta, GA
- 2006 Gordon Conference on Hemostasis, Waterville, ME
- 2006 University of North Carolina, Chapel Hill, NC
- 2006 Portola Pharmaceuticals, San Francisco, CA
- 2006 Oklahoma Research Medical Foundation, Oklahoma City, OK
- 2006 Platelet International Symposium, Ma'ale Ha'chamisha, Israel
- 2006 Symposium on Sepsis, Rio de Janeiro, Brazil
- 2006 American Society of Hematology, Plenary Speaker, Orlando, FL
- 2007 Lerner's Research Institute, Cleveland, OH

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- 2007 Gordon Conference on the Cell Biology of Megakaryocytes and Platelets, Ventura, CA
- 2007 Research Initiatives in Vascular Disease Conference, Washington D. C.
- 2007 Blood Center of Wisconsin, Milwaukee, WI
- 2007 FASEB Summer Research Conference on Proteases in Hemostasis and Vascular Biology
- 2007 University of North Carolina, Chapel Hill, NC
- 2007 Grand Rounds, University of Utah, Salt Lake City, UT
- 2007 Puget Blood Center, Seattle, WA
- 2007 University of British Columbia, Vancouver, British Columbia
- 2007 Johns Hopkins University, Baltimore, MD
- 2007 Pulmonary Research Conference, University of Utah, Salt Lake City, UT
- 2008 4th Symposium on Hemostasis, University of North Carolina, Chapel Hill, NC
- 2008 Arteriosclerosis, Thrombosis and Vascular Biology, Plenary Session, Atlanta, GA
- 2008 University of Calgary, Calgary, Canada
- 2008 AABB (American Association of Blood Banks), Montreal, Canada
- 2008 Children's Hospital of Pennsylvania (CHOP), Philadelphia, PA
- 2008 Platelet International Symposium, Woods Hole, MA
- 2008 American Society of Hematology, Plenary Speaker, San Francisco, CA
- 2009 4th Annual Platelet Colloquium, Washington D.C.
- 2009 Cell Communication in Health and Disease Workshop, Vienna, Austria
- 2009 FASEB Hemostasis, Carefree, AZ
- 2009 Cytopenias and Hemostasis, Orlando, FL
- 2009 Hemostasis and Thrombosis Working Group, Washington D.C.
- 2009 Sickle Cell Disease Working Group, Washington, D.C.
- 2009 International Conference on Platelet and Platelet-Leukocyte Interaction Applied to Infectious Diseases, Rio de Janeiro, Brazil
- 2009 URMC, Rochester, NY
- 2009 The Paul Imbach Innovator Lecture, American Society of Hematology ITP Meeting, New Orleans, LA
- 2010 Harvard University, Boston, MA
- 2010 The Hospital for Sick Children, Toronto, Canada
- 2010 ESH International Conference on Immune Thrombocytopenia, Lisbon, Portugal
- 2010 Western Thrombosis Symposium, University of Utah, Salt Lake City, UT
- 2010 Innate Inflammation Conference, New York, NY
- 2010 Platelet International Symposium, Tel Aviv, Israel
- 2010 Gordon Research Conference on Hemostasis, Waterville Valley, NH
- 2010 Bioscience Symposium, University of Utah, Salt Lake City, UT
- 2010 XIth European Symposium on Platelet and Granulocyte Immunobiology, Beaune, France

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- 2010 University Medical School of Saint-Etienne, France
- 2011 Whitaker Cardiovascular Institute, Boston University School of Medicine, Boston, MA
- 2011 Cardiovascular, Hypertension & Diabetes Symposium, University of Utah, Salt Lake City, UT
- 2011 University of Pittsburgh School of Medicine, Pittsburgh, PA
- 2011 University of Delaware Department of Biological Sciences, Newark, DE
- 2011 Hematology Faculty Conference, University of Utah School of Medicine, Salt Lake City, UT
- 2011 Human Medical Genetics Program, University of Colorado, Denver, CO
- 2011 Sanquin Research, Amsterdam, Netherlands
- 2011 Transfusion Medicine Research Session, Dutch Blood Transfusion Society Symposium, Ede, Netherlands
- 2011 Children's Hospital Boston/Dana-Farber Cancer Institute, Boston, MA
- 2011 XXIII Congress of the International Society of Thrombosis and Hemostasis, Kyoto, Japan
- 2011 Aso International Meeting, Kumamoto, Japan
- 2011 Metabolism Interest Group, University of Utah, Salt Lake City, UT
- 2011 British Society for Haemostasis & Thrombosis Annual Scientific and General Meeting, Brighton, England
- 2011 AABB Annual Meeting &CTTXPO, San Diego, CA
- 2011 Canadian Society of Atherosclerosis, Thrombosis and Vascular Biology Symposium, Vancouver, Canada
- 2011 University of British Columbia Centre for Blood Research, Vancouver, Canada
- 2011 Puget Blood Center, Seattle, WA
- 2011 Oregon Health & Science University, Portland, OR
- 2012 X-gen Congress and Expo, San Diego, CA
- 2012 Cardiza Foundation Seminar, Thomas Jefferson University, Philadelphia, PA
- 2012 University of Toledo, OH
- 2012 Sol Sherry Lecture Series, Temple University, Philadelphia, PA
- 2012 Annual ASHPO Meeting, New Orleans, LA
- 2012 Platelet International Symposium, Boston, MA
- 2012 32nd International Congress of the ISBT, Cancun, Mexico
- 2012 Biennial Meeting of the Inflammation Research Association, Bolton Landing, NY
- 2012 Institute of Biomembranes Conference, Utrecht, Netherlands
- 2012 Platelet International Symposium, Tuebingen, Germany
- 2012 Terumo BCT, Lakewood, CO
- 2013 Annual Meeting of Thrombosis and Haemostasis Research, Munich, Germany
- 2013 ATVB Scientific Sessions, Orlando, FL
- 2013 AABB Annual Meeting & CTTXPO, Denver, CO
- 2013 University of Vermont Biochemistry Seminar Series
- 2014 9th Annual Platelet Colloquium, Washington DC

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- 2014 Keystone Symposium on New Frontiers in the Discovery and Treatment of Thrombosis, Keynote Speaker, Keystone, CO
- 2014 Platelets 2014, Ma'ale Hachamisha, Israel
- 2014 Thrombosis and Hemostasis Summit of North America, Chicago, IL
- 2014 University of Kentucky Cardiovascular Seminar Series, Lexington, KY
- 2014 UNC Symposium on Hemostasis, Chapel Hill, NC
- 2014 Washington University Center for Translational Therapies in Thrombosis, St. Louis, MO
- 2014 Midwest Platelet Conference, Chicago, IL
- 2014 Distinguished Lecturer in Immunology, Cincinnati Children's Hospital, OH
- 2014 AABB Annual Meeting, Philadelphia, PA
- 2014 43rd Annual Philadelphia Workshop in Hemostasis, Thrombosis, and Atherosclerosis Keynote Speaker, Temple University, Philadelphia, PA
- 2014 American Society of Hematology Annual Meeting, San Francisco, CA
- 2015 Northwestern University Grand Rounds, Chicago, IL
- 2015 University of Michigan Frontiers in Science Seminar Series, Ann Arbor, MI,
- 2015 Plenary Speaker, XXV Congress of the ISTH, Toronto, Canada,
- 2015 Grand Rounds, Northwestern University, Chicago, IL
- 2015 State-of-the-Art Lecture, Congress of the International Society on Thrombosis and Haemostasis, Toronto, Canada
- 2015 23rd IUBMB Congress, Foz do Iguaçu, Brazil
- 2015 Seminars in Clinical Research, Rockefeller University, New York, NY
- 2016 Oklahoma Medical Research Foundation, Oklahoma City, OK
- 2016 Seminar Chair and Lecturer, 60th Annual Meeting of the GTH, Münster, Germany
- 2016 NHLBI LncRNA Workshop, Bethesda, MD
- 2016 Scientific Advisory Board (SAB) Meeting and Advisory Board Meeting, Rochester, NY
- 2016 NHLBI, NIH Basic & Clinical RFA Grantee Meeting, Bethesda, MD
- 2016 TRC/THD Annual 2016 Face to Face Meeting, Rockville, MD
- 2017 GRC, Cell Biology of Megakaryocytes and Platelets, Keynote Presenter, Renaissance Tuscany II Ciocco, Italy
- 2018 Keenan Research Centre, Toronto, Canada
- 2018 Blood Center of Wisconsin, Milwaukee, WI
- 2019 NHLBI Biomedicine Lecture, Bethesda, MD
- 2020 Keynote Address, Pittsburgh Hematology Research Symposium, Pittsburgh, PA

Peer Review Activities: Regular participation in peer-review activities, including:

Foundations and Federal Agencies:

- 1998-2001 Research and Development Committee, V.A., University of Utah
- 2002-2005 American Heart Association, Western Affiliate

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- 2005-2006 Oklahoma Center for the Advancement of Science and Technology
2003-2007 American Heart Association, National
2005-2008 Canadian Institute of Health Research
2002-present National Institutes of Health, Ad-Hoc
2009-2014 National Institutes of Health, Thrombosis and Hemostasis Study Section,
member
2014-2017 National Institutes of Health, NHLBI T32 Study Section,
member
2018-present National Institutes of Health, NHLBI Advisory Council, member

Journals:

Associate Editor:

Blood Advances (current)

Section Editor:

Thrombosis and Haemostasis (past)

Editorial Board:

Blood

Referee:

Arteriosclerosis, Thrombosis, and Vascular Biology

Blood

Cell Host & Microbe

Circulation

Circulation Research

Journal of Cell Biology

Journal of Clinical Investigation

Journal of Experimental Medicine

Journal of Immunology

Journal of Pharmacology and Experimental Therapeutics

Journal of Thrombosis and Hemostasis

Nature

Nature Communications

Nature Genetics

Nature Medicine

Nature Structural and Molecular Biology

Proceedings of the National Academy of Sciences, USA

Science

Science Translation and Medicine

Others

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IX. RESEARCH GRANTS

Current:

- 07/01/2014 to 06/30/2026 2T35HL007744-21A1 (A.S. Weyrich, Co-PI)
NIH/NHLBI
Short-Term Institutional Research Training Grant
(Parent T35)
- 07/01/1994 to 6/30/2022 T32HL007576 (A.S. Weyrich, Co-PI)
NIH/NHLBI
"Training in Cardiovascular Research"
(Parent T32)
- 07/01/2018 – 06/30/2022 1R01 HL142804 (A.S. Weyrich, Co-PI)
NIH/NHLBI
"Translational Control of Megakaryocyte and Platelet
Function in Sepsis"
- 07/01/2018 – 06/30/2023 1R61/R33 HL141783 (A.S. Weyrich, Co-PI)
NIH/NHLBI
"OPA1: An Estrogen-Mediated Modulator of Platelet
Hyperactivation"
- 01/01/2019 – 12/31/2025 1R35 HL12568306 (A.S. Weyrich, PI)
NIH/NHLBI
"Translational Control of Megakaryocyte and Platelet
Gene Expression in Disease"

Past:

- 1991-1993 NHBLI/NRSA (A.S. Weyrich, PI)
"Adhesion Molecules in Ischemia-Reperfusion"
- 1996-1997 AHA/GIA (A.S. Weyrich, PI)
"Platelet Regulation of Monokine Synthesis"
- 1996-1997 PCMC (A.S. Weyrich, PI)
"Developmental Expression of Endothelial Cell Adhesion Molecules"
- 1997-2001 R29 HL56713 (A.S. Weyrich, PI)
NIH/NHLBI
"Platelet Regulation of Monokine Synthesis"
- 2000-2001 Pfizer (A.S. Weyrich, PI)
"Regulation of Interleukin-1 β Formation by Platelets"

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- 2001-2014 R01 HL066277 (A.S. Weyrich, PI)
NIH/NHLBI
"Translational Events in Platelets"
- 2003-2007 AHA 034015N (A.S. Weyrich, PI)
AHA/EIA
"Novel Functions of p38 MAP Kinase in Platelets"
- 2004-2014 1R01 HL075507 (A.S. Weyrich, Co-Inv)
NIH/NHLBI
"Translational Control of Rapid Endothelial Responses"
- 2006-2008 UofU Catalyst Program (A.S. Weyrich, PI)
"New Pathways to Coagulation in Thrombosis and Inflammatory Diseases"
- 2009-2011 1R01HL090870 (A.S. Weyrich, PI)
NIH/NHLBI
"Novel Thrombotic and Inflammatory Activities of Platelets in Sepsis"
- 2009-2011 R21 HL091283 (A.S. Weyrich, PI)
NIH/NHLBI
"Reverse Transcriptase Activity in Megakaryocytes and Platelets"
- 2007-2012 R01 HL092746 (A.S. Weyrich, PI)
NIH/NIA & NHLBI
"Novel Thrombotic and Inflammatory Mechanisms of Venous Thromboembolism in the Elderly"
- 2008-2012 R01 HL091754 (A.S. Weyrich, PI)
NIH/NHLBI
"Novel Activities of Platelets in Acute Lung Injury"
- 2009-2012 RC1 HL1000121 (A.S. Weyrich, Co-PI)
"New Pathways in Thrombosis and Inflammation Mediated by Semaphorin-Plexin Signaling"
- 2012-2018 U54 HL112311-05 (A.S. Weyrich, PI)
"Reprogrammed Platelets: Effectors of Thrombosis in Metabolic Syndromes"
- 2014-2019 R01 AG048022 (A.S. Weyrich, Co-Inv)
"Platelet Immune Responses in Aging and Influenza"
- 2014-2019 R01 HL126547 (A.S. Weyrich, Co-PI)
"The Effects of ART on Platelets and HIV-Associated Thrombosis"

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Mentored:

- 2000-2001 American Heart Association Western Affiliate, Post-doctoral Fellowship,
Mentor for Stephan Lindemann
- 2004-2006 Deutsche Forschungsgemeinschaft Award, Post-doctoral Fellowship,
Mentor for Hansjorg Schwertz
- 2006-2008 American Heart Association Western Affiliate, Post-doctoral Fellowship,
Mentor for Hansjorg Schwertz
- 2007-2009 National Heart, Lung, and Blood Institute (K12), Center for
Clinical & Translational Science,
Co-mentor for Matthew Rondina
- 2009-2010 German Cardiac Society, Post-doctoral Fellowship,
Mentor for Bjorn Kraemer
- 2006-2010 Flight Attendant Medical Research Fellowship,
Co-mentor for Mark Martinez
- 2006-2011 National Heart, Lung, and Blood Institute (K08),
Co-mentor for Christian Yost
- 2009-2011 American Heart Association Western Affiliate, Beginning
Grant-in-Aid,
Mentor for Hansjorg Schwertz
- 2011-2012 Primary Children's Medical Center Foundation, Early
Career Development Award, Mentor for Heather Major
- 2011-2013 Deutsche Forschungsgemeinschaft Award, Post-doctoral Fellowship,
Mentor for Sebastian Schubert
- 2011-2013 American Heart Association Western Affiliate, Post-doctoral Fellowship,
Mentor for Robert Campbell
- 2009-2014 National Heart, Lung, and Blood Institute (K23 HL092161),
Co-mentor for Matthew Rondina
- 2012-2018 National Institute of General Medical Sciences (K01),
Mentor for Jesse Rowley
- 2019-2020 National Heart, Lung, and Blood Institute (SRP-2019-01)
PRIDE Mentor for Donald Lynch

X. ORIGINAL PEER-REVIEWED PUBLICATIONS

Manuscripts:

1. Berry MJ, Robergs RA, **Weyrich AS**, Puntenney PJ. Ventilatory responses of trained and untrained subjects during running and walking. *Int J Sports Med* 9:325-329, 1988.
2. Berry MJ, **Weyrich AS**, Robergs RA, Krause KM, Ingalls CP. Ratings of perceived exertion in individuals with varying fitness levels during running and walking. *Eur J Appl Physiol* 58:494-499, 1989.
3. **Weyrich AS**, Messier SP, Ruhmann BS, Berry MJ. The influence of bat composition, grip firmness and impact location on post-impact ball dynamics. *Med Sci Sport Exercise* 21:199-205, 1989.
4. Berry MJ, Puntenney PJ, **Weyrich AS**, Robergs RA. Stride frequency as a determinant of the ventilatory threshold. *J Hum Movement Studies* 19:129-142, 1990.
5. Berry MJ, Stoneman JV, **Weyrich AS**, Burney B. Dissociation of the ventilatory and lactate thresholds following caffeine ingestion. *Med Sci Sport and Exercise* 23:463-469, 1991.
6. Santamore WP, **Weyrich AS**, Iskandrian AS. Coronary artery spasm revisited. *Coronary Artery Disease* 2:259-266, 1991.
7. Solis GA, Kutcher MA, **Weyrich AS**, Santamore WP. Albumin prevents platelet deposition following angioplasty. *J Inv Cardiol* 3:265-271, 1991.
8. Ma XL, **Weyrich AS**, Krantz S, Lefer AM. Mechanisms of the cardioprotective actions of WEB-2170, beapafant, a platelet activating factor antagonist, in myocardial ischemia and reperfusion. *J Pharmacol Exp Therap* 260:1229-1236, 1992.
9. **Weyrich AS**, Ma XL, Lefer AM. The role of L-arginine in ameliorating reperfusion injury after myocardial ischemia in the cat. *Circulation* 86:279-288, 1992.
10. **Weyrich AS**, Rejeski WJ, Brubaker PH, Parks JS. The effects of anabolic steroids on lipids and eicosanoids in cynomolgus monkeys. *Medicine and Science in Sport and Exercise* 24:333-338, 1992.
11. **Weyrich AS**, Solis GA, Li KS, Tulenko TN, Santamore WP. Platelet amplification of vasospasm. *Am J Physiol* 263:H349-H358, 1992.
12. Carey C, Siegfried MR, Ma XL, **Weyrich AS**, Lefer AM. Antishock and endothelial protective actions of an NO donor in mesenteric ischemia and reperfusion. *Circulatory Shock* 38:209-216, 1992.

13. Lefer AM, Ma XL, **Weyrich AS**, Scalia R. Mechanisms of the cardioprotective effect of transforming growth factor- β_1 in feline myocardial ischemia and reperfusion. *Proc Nat'l Acad Sci USA* 90:1018-1022, 1993. PMID: PMC45802.
14. Ma XL, **Weyrich AS**, Lefer DJ, Lefer AM. Diminished basal NO release after myocardial ischemia and reperfusion promotes neutrophil adherence to coronary endothelium. *Circ Res* 72:403-412, 1993.
15. **Weyrich AS**, Ma XY, Lefer DJ, Albertine KH, Lefer AM. In vivo neutralization of P-selectin protects feline heart and endothelium in myocardial ischemia and reperfusion injury. *J Clin Invest* 91:2620-2629, 1993. PMID: PMC443326.
16. Ma XL, **Weyrich AS**, Lefer DJ, Buerke M, Albertine KH, Kishimoto TK, Lefer AM. Monoclonal antibody to L-selectin attenuates neutrophil accumulation and protects ischemic reperfused cat myocardium. *Circulation* 88:649-658, 1993.
17. Buerke M, **Weyrich AS**, Lefer AM. Isolated cardiac myocytes are sensitized by hypoxia-reoxygenation to neutrophil-released mediators. *Am J Physiol* 266:H128-H136, 1994.
18. Lefer AM, **Weyrich AS**, Buerke M. Role of selectins, a new family of adhesion molecules, in ischemia-reperfusion injury. *Cardiovasc Res* 28:289-294, 1994.
19. Buerke M, **Weyrich AS**, Zheng Z, Gaeta FC, Forrest MJ, Lefer AM. Sialyl Lewis^x-containing oligosaccharide attenuates myocardial reperfusion in cats. *J Clin Invest* 93:1140-1148, 1994. PMID: PMC294061.
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