

CURRICULUM VITAE

Name: Mahmood S. Mozaffari

Social Security Number: xxx-xx-xxx4

Augusta University (AU) Title/Rank: - Professor and Teaching Director
Department of Oral Biology,
AU Dental College of Georgia (DCG)



Joint Appointments: - Professor; Department of Pharmacology & Toxicology,
AU Medical College of Georgia
- Professor; AU College of Graduate Studies
- Professor; Department of Oral Rehabilitation, AU DCG
- Adjunct Clinical Professor; College of Dental Medicine, Western University of Health Sciences, Pomona, CA.

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AU DCG, Augusta, Georgia 30912-1128

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PERSONAL:

Home Address: 539 Oak Brook Drive, Martinez, GA 30907

Home Phone: (706) 364-6870

Date of Birth: June 15, 1958

Place of Birth: Esfahan/Iran

Citizenship: United States of America

Sex: Male

Race: White (Middle Eastern)

EDUCATION:

1991-1992 Certificate; Hospital Dentistry, University of Alabama School of Dentistry, Birmingham, AL

1986-1991 D.M.D.; University of Alabama School of Dentistry, Birmingham, AL

- 1988-1990 Postdoctoral Research Associate, Dept. of Cell Biology (Laboratory of Dr. J. M. Wyss), University of Alabama at Birmingham, Birmingham, AL
- 1984-1988 Ph.D. Pharmacology; University of South Alabama, Mobile, AL (Laboratory of Dr. Stephen W. Schaffer, University of South Alabama College of Medicine, Mobile, Alabama).
- Dissertation: *Diabetic Cardiomyopathy: Characterization and Effects of Sulfonylurea Treatment.*
- 1982-1984 B.S. Basic Medical Sciences; University of South Alabama, Mobile, AL
- 1978-1982 B.S. Biochemistry; East Carolina University, Greenville, NC
- 1973-1976 Hakim Sanaee High School, Esfahan, Iran

LICENSURE:

- 1994- Georgia Dental Teaching License (# 243)
- 1991- State of Alabama Dental License (# 4481)

PROFESSIONAL/ EMPLOYMENT/ ACADEMIC APPOINTMENTS:

- 5/2012- Adjunct Clinical Professor; College of Dental Medicine Western University of Health Sciences, Pomona, CA
- 7/2008-10/2011 Interim Chairperson; Oral Biology, AU Dental College of Georgia (DCG), Augusta, GA.
- 7/2008- Professor; Oral Biology; AU DCG; Augusta, GA.
- 7/2008- Professor; AU School of Graduate Studies; Augusta, GA.
- 7/2008- Professor; Pharmacology and Toxicology; AU Medical College of Georgia; Augusta, GA.
- 7/2008- Professor; Oral Rehabilitation; AU DCG, Augusta, GA.
- 7/1999- Tenure granted
- 7/98- Associate Professor; Oral Biology and Maxillofacial Pathology; AU DCG; Augusta, GA.
- 7/98- Associate Professor; School of Graduate Studies; AU Augusta, GA.
- 7/98- Associate Professor; Pharmacology and Toxicology; Medical College of Georgia; AU, Augusta, GA.
- 7/98- Associate Professor; Oral Rehabilitation; AU DCG, Augusta, GA.
- 7/95- Director of Pharmacology and Therapeutics; AU DCG; Augusta, GA.
- 7/95-6/98 Assistant Professor; Pharmacology and Toxicology; AU MCG; Augusta, GA.
- Assistant Professor; College of Graduate Studies; AU Augusta, GA.
- 7/94-6/98 Assistant Professor; Oral Biology; AU DCG; Augusta, GA.
- 7/94-6/98 Assistant Professor; Oral Rehabilitation, AU DCG; Augusta, GA.
- 1993-1994 Private General Dental Practice; Gadsden, Alabama.

1993-1994	Research Instructor; Department of Cell Biology; University of Alabama; Birmingham, Alabama.
1992-1993	Clinical Instructor; Dept. of Restorative Dentistry; University of Alabama School of Dentistry; Birmingham, AL.
1991-1992	General Practice Resident; University Hospital Dental Clinic; Birmingham, AL.
1988-1990	Postdoctoral Research Associate; Department of Cell Biology (Laboratory of Dr. J. M. Wyss); University of Alabama; Birmingham, AL.

MEMBERSHIPS IN SCIENTIFIC AND PROFESSIONAL SOCIETIES:

2012-2016	Test Construction Committee (Pharmacology Section); National Dental Board Examinations II, American Dental Association
2012-	Associate Editor, World Journal of Hypertension
2011-	Elected Fellow; International Fellow of the American Heart Association and the Council on Basic Cardiovascular Sciences
2011-	Associate Editor, American Journal of Cardiovascular Disease
2010-	Editor, Section of Diabetes Mellitus, EPMA Journal
2008-	Member; European Association for Preventive, Predictive and Personalized Medicine (EPMA)
2008-	Member of Study section: Vascular Biology Blood Pressure Clinical Translational; American Heart Association (National)
2008-	Member, American Heart Association
2007-	Commission on Change and Innovation (CCI) liaison; American Dental Education Association
2006-	American Dental Education Association
2005	Ad hoc member; Test Construction Committee for National Dental Hygiene Board Examination
2004-	Test Construction Committee: American Dental Association; Alternate member for the dental hygiene pharmacology section.
2003 -	International Society for Heart Research, American Section
2000 -	American Physiological Society
1994 -	International Association for Dental Research
1987 -	American Society of Pharmacology and Experimental Therapeutics
1998- 2000	American Diabetes Association
1997 - 2005	Test Construction Committee: American Dental Association; Alternate member for the dental pharmacology section.
1993 - 1994	Juvenile Diabetes Foundation International.
1992 - 1994	American Dental Association
1990 - 1993	Academy of General Dentistry
1988 - 1991	American Student Dental Association
1984 - 1988	South Eastern Pharmacology Society

PROFESSIONAL/ TEACHING EXPERIENCE: Teaching Director for the pharmacology curriculum which has constituted over 160 contact hours/year and have presented over 50% of the lectures/year; overall student body of approximately 250 students/year. The student body has included those of Sophomore, Junior and Senior of the school of dentistry (average class size of 80 more recently), graduate students/ residents of the school of dentistry (average class size of about 35), and dental hygiene program of the school of allied health (average class size of 26).

*** Denotes serving as course director.**

2017	Cariology
2012-2016	Dental Biochemistry
2012-2015	Research Design and Critical Thinking
2010-2013	Neuroscience
2010-	Dental Physiology
1999-	1) Pharmacology and Therapeutics I (OBMP 5401; DPHM 5001)*
2000-	1) Pharmacology and Therapeutics II (OBMP 5402; DPHM 5002)*
	2) Pharmacology and Therapeutics III (OBMP 5403; DPHM 5003)*
	3) OBMP 8001
	4) OBMP 8002
	4) OBMP 8003*
	5) OBMP 9001*
2005-	OBMP 5602* Bioclinical Seminar Series
1994-2004	1) Dental Hygiene Pharmacology (PHM 230/430)*
1994-1999	2) Pharmacology and Therapeutics (PHMD 521)*
	3) Pharmacology and Therapeutics (PHMD 531)*
	4) Pharmacology Seminar (PHMD 541)*
	5) Graduate Oral Biology Seminar (OBIO 901)*
	6) Graduate Pharmacology in Dentistry (OBIO 863)*
	7) Therapeutics for Clinical Core Curriculum (CLCO 802)*
	8) Preclinical and clinical teaching in the Dept. of Oral Rehabilitation, AU Dental College of Georgia
1999-2000	Oral Diagnosis and Patient Services
1993-1994	Dental Neuroscience; Cell Biology, University of Alabama at Birmingham (UAB).
1991-1993	Clinical Pharmacology; UAB School of Dentistry.*
1992-1993	Clinical Instructor; Restorative Dentistry Clinic; UAB School of Dentistry.

Other Teaching Activities:

2011-2015	Research Design and Critical Thinking, AU Dental College of Georgia
2011-	Pharmacology & Therapeutics Module; Western University of Health Sciences College of Dental Medicine, Pomona, CA

COMMITTEE ASSIGNMENT:

2017-	Member of AU Faculty Grievance Committee
2016-	Senator; AU Faculty Senate
2016-	Chair Elect; DCG Faculty Senate
2014-2016	Member, AU Governance and Communications Committee
7/2013-	Chair; Promotion and Tenure Committee; AU Dental College of Georgia
11/2013	Ad Hoc Member; Promotion and Tenure Committee; College of Nursing, Augusta University
2/2012-	Inter-Professional Committee, Augusta University
1/2011-2/2012	Accreditation Subcommittee, AU Dental College of Georgia
8/2010-6/2011	Member, Research Pillar Group, Augusta University
5/2010-6/2012	Member, Cancer Center Director Search Committee, Augusta University
1/2010	Scholarly Activity Strategic Plan Subcommittee; AU Dental College of Georgia

10/2008-	Member; Promotion and Tenure Committee; AU Dental College of Georgia
8/2008-	Member; Administrative Council; AU Dental College of Georgia
8/2008-6/2010	Chair; Research Advisory Committee; (AU DCG)
2007-	Curriculum Committee; (AU DCG)
2006-2008	Committee on Joint Appointments; Department of Oral Biology; AU DCG
2003-	Dental Research Center, AU DCG
2003-2004	Accreditation Subcommittee for Research, (AU DCG)
2002-2003	Infrastructure Committee, AU DCG
1996 -	Student Academic Review Committee; AU DCG
1996 -	Graduate Education Committee; AU DCG
1995 -	Research Advisory Committee; AU DCG
2002-2003	Sponsored Account Working Group, AU
1998 - 1999	AU Faculty Executive Committee
1996 - 1999	Program Development Committee; AU
1996 - 1999	Academic Council Member; AU
1996 -1998	Graduate Program Development Committee; AU DCG
1995 -1996	Chair of Search Committee for faculty position in Oral Biology/Pharmacology; AU DCG
1995 - 1996	Faculty Development Committee; AU DCG
1995 - 1996	Student Affairs Committee; AU DCG
1995 - 1997	Dental Accreditation Committee, Clinic Subcommittee; AU DCG
1995 - 1996	Oral Biology Graduate Course Revision Task Force; AU DCG

GRADUATE STUDENT COMMITTEE:

2010-2011	Member of Ph.D. Thesis Committee for Dr. Ahmed El-Awady (Major Advisor, Dr. Babak Baban).
2009-2011	Member of Thesis Committee for Dr. Kim Inouye (Major Advisor, Dr. James Borke).
2008-2010	Member of Thesis Committee for Dr. Karen Marino (Major Advisor, Dr. James Borke)
2005-	Member of Thesis Committee for Dr. Danny West (Major Advisor; Dr. Worku Abebe)
2005-	Member of Thesis Committee for Dr. Yeritxa Viera (Major Advisor: Dr. James Borke)
2005-	Member of Thesis Committee for Dr. Shahin Madi (Major Advisor: Dr. James Borke)
2002- 2004	Member of Thesis Committee for Dr. Sterling Wall (Major Advisor: Dr. James Borke)
2000-2002	Member of Committee for Dr. William F. Maddux (Major Advisor: Dr. Worku Abebe)
1996 - 2002	Major Advisor for Dr. Brett K. Warren, candidate for the dual degree of Ph.D./DMD
1997	Reader of the doctoral thesis of Dr. Lu Zhang; Department of Pharmacology and Toxicology, AU DCG
1996	Reader for the doctoral thesis of Dr. Mahanandeeswar Gattu; Department of Pharmacology and Toxicology, AU DCG

FACULTY ADVISOR FOR DENTAL STUDENTS ALL OF WHOM HAVE GRADUATED:

Dr. John Crumpton;
Dr. Ami Desai;
Dr. Suzanne Resnick;
Dr. Shaun Elliott

CONTINUING EDUCATION-RELATED/ OFF-SITE PRESENTATIONS:

Novel Hemostatic Agents; Relevance for Dentistry. Anderson Dental Society, Anderson, South Carolina, January 2017.

Prescription Writing Tips for Dental Professionals, Anderson Dental Society, Anderson, South Carolina, August 2015.

Last Chance Continuing Education. Top 50 Medications Prescribed in the US- relevance to and implications for dentistry. Augusta University, December 2013.

Alabama Dental Association. Dental Management of Medically Complex Patients. June 2012, Destin, Florida.

Antimicrobial Use as well as Pain and Anxiety Management in Dentistry (one Week-Course): College of Dental Medicine, Western University, Pomona, CA. 2011-present

“Pedo @ the Beach”: Antimicrobial use and pain and anxiety management in the child dental patient. October 2010, Hilton Head Island, South Carolina.

Webinar Presentations: 1) Anti-microbial Use in Pediatric Dentistry and 2) Pain and Anxiety Management for Pediatric Dental Patient, September 2010.

Alabama Dental Association. Management of Orofacial Infections and Pain Control in Dentistry. September 2007, Florida.

A) Antibiotics use in dentistry, B) Cardiovascular medications; *Fort cordon*, Augusta, Georgia. 1995-2010.

Drug Interactions: Implications for Dentistry. *Southeast District Dental Society*, Savannah, GA. September 2003.

Drug Interactions in Dentistry; Last Chance Continuing Education Course. December 2002, Augusta, Georgia.

A) Drug interactions, B) Pharmacology of most commonly prescribed medications in the United States. *Clinical Advances in a Restorative Practice*. Hilton head, South Carolina, May 2002.

Drug interactions; *Commissioned Officers Association of the United States Public Health Service*. Atlanta, Georgia April 2002.

Pharmacology for the Dental Professionals. *Georgia Dental Society*, Aruba June 1999.

Pharmacology of most commonly prescribed medications in the United States. December 1998, Augusta, Georgia.

RECENT RESEARCH GRANT SUBMITTED/PENDING:

Regulatory T-17 Cells Underlie Cannabidiol-Induced Renoprotection via an IDO-Dependent Mechanism

Funding Agency: National Institutes of Health
Funding Mechanism: R21
Role: Co-Investigator (Dr. B. Baban: PI)
Status: Scored (Impact Score: 50); pending council review.

GILZ-Induced Enhancement of Regulatory T Cells Confers Cardioprotection.

Funding Agency: National Institutes of Health
Funding Mechanism: R01
Role: Contact and Co-PI (Dr. B. Baban: Co-PI)
Status: Not Discussed

Cannabidiol-Induced Renoprotection Through Polarization of Neutrophils and T Cells.

Funding Agency: American Heart Association
Funding Mechanism: Innovation Grant
Role: PI
Status: Not Discussed

The Status of GILZ in Myocardial Infarction: Role of SGK-1

Funding Agency: American Heart Association
Funding Mechanism: Grant-In-Aid
Role: Principal Investigator
Status: Not Discussed

Mechanosensitive regulators of cardiac inflammation and injury: Roles of GILZ and SGK-1

Funding Agency: National Institutes of Health
Funding Mechanism: R01; 4 years
Role: Co-PI (contact PI); Dr. Baban is another Co-PI on this application
Re-Submission Date: October 2014
Status: Not Discussed [Another version of this application had previously received a priority score of 41%.]

Role of GILZ in Salivary Gland in Sjogren's Syndrome: Impact on Del-1/II-17 Imbalance.

Funding Agency: National Institutes of Health
Funding Mechanism: R15; 3 years
Role: Co-I; Dr. Baban is PI on this application
Re-Submission Date: November 2014
Status: Not Discussed

RESEARCH GRANT (COMPLETED):

1) Load-dependency of ischemia reperfusion injury: implications for systemic hypertension

Principal Investigator: Dr. Mahmood S. Mozaffari
Funding agency: *American Heart Association; Southeast Affiliate*
Duration: Two years
Amount requested: \$ 154,000 (20% effort)
Status: Completed; April 2011

2) Is chromium picolinate protective of the diabetic kidney?

Principal Investigator: Dr. Mahmood S. Mozaffari
Co-Investigator: Dr. Olga Golubnitschaja (University of Bonn, Germany)
Funding agency: National Institutes of Health
Duration: Two years; R21 application;
Amount requested: \$ 401,430 (35% effort)
Status: Completed; May 2011

3. Ralph Phillips Student Research Award (\$ 6000)

This was awarded to Ms. Suzanna Aguilera who was a junior dental student at the time for a project entitled: **The effect of minocycline-induced pigment formation in a rat model.**
Drs. Chan and Mozaffari served as advisors for Ms. Aguilera in relation to her studies which served as the basis for submission of an application for this award.

4) Effect of diabetes and hypertension on ischemic injury.

Principal investigator: Dr. Stephen W. Schaffer
Co- Investigator: Dr. Mahmood S. Mozaffari
Funding agency: National Institute of Health
Duration: 12/1/1999 to 11/30/2004
Amount: \$ 1,234,123 (entire project; Dr. Mozaffari's budget about 73,000/year)
Status: Completed

5) Hemodynamic and Renal Effects of Chronic Taurine Therapy

Principal Investigator: Dr. Mahmood S. Mozaffari
Funding agency: Taisho Pharmaceutical Company of Japan
Duration: 7/1/1998 to 6/30/2001; Completed
Amount: \$90,000
Status: Completed

6) Does Chronic Therapy with Candesartan Prevent Renal Dysfunction in a New Hypertensive Rat Model of Non-Insulin-Dependent Diabetes?

Principal Investigators: Dr. Mahmood S. Mozaffari
Dr. Steven W. Schaffer
Funding agency: ASTRA ZENECA
Duration: 10/1/1999 to 9/30/2001
Amount: \$ 60,000
Status: Completed

7) Renal Function in the NIDD Rat: Effects of Combined Reduced Renal Mass and High NaCl Diet.

PI: Dr. Mahmood S. Mozaffari
Duration: 7/95-6/97
Funding agency: *American Heart Association, Georgia Affiliate*
Amount: \$ 66,000
Status: Completed

8) Role of ANP and AII in Type II Diabetic Nephropathy

Principal Investigator: Brett K. Warren*
Duration: 7/1999 to 6/2000; Completed
Funding agency: *Pharmaceutical Research and Manufacturers of American Foundation (Predoctoral Fellowship)*
Amount: \$ 12,000
Status: Completed

*Dr. Mozaffari was the major advisor for Mr. Warren who was a Ph.D. candidate

9) Do Taurine-Depleted Rats Manifest Arginine Vasopressin Overactivity?

Medical College of Georgia Research Institute

Principal Investigator: Dr. Mahmood S. Mozaffari
Duration: 11/20/1998 to 11/20/1999;
Amount: \$ 2,545
Status: Completed

10) Renal Function in Noninsulin Dependent Diabetic Rat: Effect of High NaCl Diet.

Medical College of Georgia Research Institute

Principal Investigator: Dr. Mahmood S. Mozaffari
Duration: 7/95-6/96
Amount: \$ 5,000
Status: Completed

11) Biochemical Basis of Salt-Sensitive Hypertension in NaCl-Sensitive SHR.

American Heart Association, Alabama Affiliate.

Principal Investigator: Dr. Mahmood S. Mozaffari
Duration: 7/1/1993 to 6/30/1995
Amount: \$ 60,000;
Status: Completed

APPLICATIONS NOT FUNDED:

1. Indoleamine 2,3-Dioxygenase is Critical for the Cardioprotective Effect of Stem Cells

Funding Agency: National Institutes of Health
Funding Mechanism: R01; 4 years
Role: Co-PI; Dr. Baban is another Co-PI on this application
Submission Date: February 2012
Status: Not Funded

2) Vascular dysfunction in diabetes and taurine supplementation
(resubmitted November 1, 2006); *National Institutes of Health*

Principal Investigator: Dr. Worku Abebe
Co-investigator: Dr. Mahmood S. Mozaffari (3% effort)
Funding agency: National Institutes of Health
Amount requested: \$275,000
Status: Not funded (priority score= 200)

3) Mechanism(s) of load-dependency of ischemia reperfusion injury: implications for hypertension.

Principal Investigator: Dr. Mahmood S. Mozaffari
Funding agency: National Institutes of Health
Duration: Four years (12/2007-11/2011); RO1
Amount requested: 882,000 (25% effort)
Status: Plan to resubmit

4) Does type 1 diabetes mellitus affect bone formation at rhBMP-2 coated titanium implants?

Principal Investigator: Dr. Mahmood S. Mozaffari
Co-Investigator: Dr. Ulf ME Wikesjo
Date of submission: May 2006
Funding agency: Nobel-Biocare
Duration: One year

5) Mechanisms of osmotic preconditioning.

National Institute of Health

Principle investigator: Dr. Stephen W. Schaffer
Co-investigator: Dr. Mahmood S. Mozaffari*
Duration: 12/1/2003 to 11/30/2008
Amount: 1,453,126 (Total cost for the entire project)

6) Role of ANP and AII in Type II Diabetic Nephropathy.

American Diabetes Association

Principal Investigator: Dr. Mahmood S. Mozaffari
Duration: 1/1999 to 12/2002
Amount: \$ 222,743

AWARDS/ HONORS:

2011, 13, 15 Certificate of Appreciation; The EPMA World Congress, Bonn, Germany.
2007 KAPPA LAMBDA CHAPTER OF THE OMICRON KAPPA UPSILON
1998 Certificate of Appreciation: The United States Army Dental Activity;
Postgraduate Dental Program.
1993 *American Federation of Clinical Research* award.
1991 Award for excellence in research by the Alabama section of the
American Association for Dental Research.

1991 *Walter J. Pelton* Community Dentistry award.
1985 *Eli Lilly* award.
1985 First prize for graduate research by the *South Eastern Pharmacology Society*.

Scientific Meetings:

9/2015 Co-Chair, Section of Diabetes Mellitus, Third World Congress of the European Association for Predictive, Preventive and Personalized Medicine. September 2015, Bonn, Germany.

9/2015 Co-Chair, Section of Dentistry and Oral Diseases, Third World Congress of the European Association for Predictive, Preventive and Personalized Medicine. September 2015, Bonn, Germany.

9/2013 Chair, Section of Diabetes Mellitus, Second World Congress of the European Association for Predictive, Preventive and Personalized Medicine. September 2013, Brussels, Belgium.

9/2013 Chair, Section of Dentistry, Second World Congress of the European Association for Predictive, Preventive and Personalized Medicine. September 2013, Brussels, Belgium.

PRESENTATIONS AT NATIONAL AND INTERNATIONAL MEETINGS:

9/2015 Overview of Predictive, Preventive and Personalized Medicine in Diabetes Mellitus. Third EPMA World Congress, Bonn, Germany.

9/2015 Status of Endothelial Progenitor Cells in Diabetic Nephropathy: Predictive and Preventive Potentials. Third EPMA World Congress, Bonn, Germany.

- 9/2015 The Status of Glucocorticoid-Induced Leucine Zipper Protein in Salivary Gland in Sjögren's Syndrome: Predictive and Personalized Treatment Potentials. Third EPMA World Congress, Bonn, Germany.
- 9/2013 GADD153 as a Novel Molecular Fingerprint for Sjögren's Syndrome. Second World Congress of the European Association for Predictive, Preventive and Personalized Medicine. September 2013, Brussels, Belgium.
- 5/2013 Leflunomide Confers Protection to the Post-Ischemic Kidney via Inhibition of GADD153 Expression and Inflammation. *American Transplantation Congress*, May 2013, Seattle, Washington.
- 10/2012 Impact of Aryl Hydrocarbon Receptor Agonist, Leflunomide, on Components of Stem Cells in the Setting of Renal Ischemia-Reperfusion Injury. *Council for High Blood Pressure*, September 2012, Washington DC.
- 10/2012 Pressure Overload Promotes HMGB1-Inflammasome Signaling in the Ischemic-Reperfused Heart. *Council for High Blood Pressure*, September 2012, Washington DC.
- 10/2012 Endoplasmic Reticulum Stress Response in Pressure-Overloaded Ischemic-Reperfused Hearts. *Council for High Blood Pressure*, September 2012, Washington DC.
- 10/2012 The Role of PD-1/PDL-1 in Myocardial Ischemia Reperfusion Injury. *Council for High Blood Pressure*, September 2012, Washington DC.
- 10/2010 Effects of aryl hydrocarbon receptor stimulation on T cell mobilization and cell death following acute renal failure., 2010, High Blood Pressure Research (HBPR), Washington D.C., (Poster presentation).
- 10/2010 Pressure Overload Augments MPT Pore Opening and Markedly Increases Both Necrotic and Apoptotic Cell Death in the Ischemic-Reperfused Heart., 2010, High Blood Pressure Research (HBPR), Washington D.C., (Poster presentation).
- 10/2010 Proliferative Changes of Renal Distal Tubules in the db/db Mouse., 2010, High Blood Pressure Research (HBPR), Washington D.C., (Poster presentation).
- 8/2010 Assessment of Indoleamine 2, 3-Dioxygenase (IDO) and FoxP3+ Regulatory T Cells (FoxP3+ Tregs) During Early Phase of Renal Ischemia Reperfusion Injury, 2010 APS Conference: Inflammation, Immunity and Cardiovascular Disease, Westminster, CO, (Oral and Poster Presentation).
- 8/2010 Potential Role of Indoleamine 2, 3-Dioxygenase and Inflammatory Cytokines in Type 2 Diabetic Nephropathy: Effect of Chromium Picolinate. 2010 APS Conference: Inflammation, Immunity and Cardiovascular Disease, Westminster, CO, (Poster Presentation).
- 6/2006 Contribution of the T-type calcium channels to afterload-induced exacerbation of myocardial infarct size. ISHR, Toronto, CA
- 6/2005 Salt-induced hypertension in the taurine-deficient rat: Role of kidney function. International Taurine Symposium; Stockholm, Sweden.

- 5/2005 Candesartan ameliorates the adverse effect of high afterload pressure on myocardial infarct size. *International Society for Heart Research*, New Orleans, May 2005.
- 5/2004 Effect of dietary saturated fat on ischemia reperfusion injury in hypertension and glucose intolerance. *International Society for Heart Research*, Cancun, Mexico 2004.
- 2/2004 Ischemia reperfusion injury in the hypertensive-glucose intolerant rat. Department of Physiology and Biophysics, University of Alabama at Birmingham.
- 5/2003 Myocardial function and infarct size in rats fed a high fat diet. *FASEB*, San Diego 2003.
- 9/2002 Three presentations at the International Taurine Symposium; Kauai, Hawaii:
- A) Effects of taurine and enalapril on renal function and blood pressure of the hypertensive-glucose intolerant rat.
 - B) Functional responses of the taurine-depleted heart to acute changes in the afterload pressure.
 - C) Taurine in salivary gland of rat: Modulation by NaCl loading.
- 2000-2002 Presentations at the annual meetings of the *American Association for Dental Research (AADR)* as well as *Experimental Biology (EB)*:
- A) Effect of taurine on renal function in the NaCl-induced hypertensive and glucose-intolerant-hypertensive rat (EB 2002).
 - B) Taurine ameliorates age-related reduction in renal excretory function of the uninephrectomized rat (EB 2001).
 - C) Modulation of submandibular gland taurine content by dietary NaCl excess and β -alanine (AADR 2002).
 - D) Determination of taurine content of rat submandibular gland in rat: effects of cholinergic drugs (AADR 2001).
 - E) Role of taurine in vasopressin-mediated renal responses (2000).
 - F) Renal function in a new NaCl-induced hypertensive rat model of noninsulin-dependent diabetes (EB: 1999)
 - G) Role of Adenosine A₃ receptor in renal function: Comparison with A₁ receptor-mediated responses (EB: 1999).
- 8/3/99 Do taurine-depleted rats manifest arginine vasopressin overactivity? 6th *International Congress on Amino Acids*, Bonn, Germany.

- 8/3/99 Reactivity of the aorta from rats supplemented with taurine, Bonn, Germany.
- 2/1998 Development of a NaCl-induced hypertensive rat model of non-insulin dependent diabetes. *Southern Regional Meeting*, New Orleans, LA.
- 8/1997† Renal excretory responses of taurine-depleted rats to hypotonic and hypertonic saline infusion. *5th International Congress on Amino Acids*, Chalkidiki, Greece.
- 2/1997 Lack of a real contribution to dietary NaCl-induced hypertension in normotensive Wistar-Kyoto rats. *American Federation for Clinical Research Meeting*, New Orleans.
- 7/1995† Renal excretory responses of taurine-depleted rat to saline load. *International Congress on Amino Acids*, Vienna, Austria.
- 9/1994 Enhanced sympathetic nervous system activity mediates salt-sensitivity in lifetime captopril treated spontaneously hypertensive rats. *AHA Council for High Blood Pressure Research*, Chicago, IL.
- 4/1994 Involvement of the sympathetic nervous system but not the renin-angiotensin system in the insulin-induced exacerbation of hypertension in spontaneously hypertensive rats. *Experimental Biology*, Anaheim, CA.
- 2/1994 Lifetime captopril treatment does not alter renal function in spontaneously hypertensive rats. *Federation for Clinical Research, Southern Societies*, New Orleans, LA.
- 2/1994 Chronic insulin treatment exacerbates hypertension in spontaneously hypertensive rats. *Federation for Clinical Research, Southern Societies*, New Orleans, LA.
- 7/1993 A novel antagonist of vasopressin receptors causes increased natriuretic responses to acute saline loading in conscious rat. *Pharmacology (ASPET)*, San Francisco, CA.
- 2/1993 Impaired excretory responses to hypertonic saline infusion in NaCl-sensitive hypertensive rats. *Federation for Clinical Research, Southern Societies*, New Orleans, LA.

PEER REVIEWER FOR THE FOLLOWING JOURNALS:

- Archives of Oral Biology
- Amino Acids; Also served as a *Guest Editor* for a special issue of this journal focused on Taurine Biology; Vol 19 (no. 3-4), 2000.
- American Journal of Hypertension
- American Journal of Physiology; Endocrinology and Metabolism
- American Journal of Physiology; Integrative and Comparative Physiology
- (The) Anatolian Journal of Cardiology
- Canadian Journal of Physiology & Pharmacology
- Clinical Science
- Diabetologia
- Drug and Chemical Toxicity
- European Journal of Neuroscience

- European Journal of Nutrition
- EPMA Journal
- Experimental and Clinical Cardiology
- Experimental Therapeutics Medicine
- Experimental Physiology
- FEBS letters
- Food and Chemical Toxicology
- Hormone and Metabolic Research
- Hypertension
- International Journal of Dentistry and Oral Health
- Journal of Applied Oral Science; Brazil
- Journal of Cardiovascular Pharmacology
- Journal of Diabetes Complications
- Journal of Endocrinology
- Journal of Molecular and Cellular Medicine
- Journal of Molecular and Cellular Cardiology
- Journal of Pharmacological Sciences; Japan

- Journal of Pharmacology & Experimental Therapeutics
- Journal of Nutrition
- Life Science
- Metabolism
- Molecular and Cellular Biochemistry
- Molecular Medicine Reports
- Nephron
- Pediatric nephrology
- Pharmacological Research
- Phytomedicine
- PlosOne
- Vascular Pharmacology

EDITORIAL BOARDS:

- American Journal of Cardiovascular Diseases
- The EPMA Journal
- World Journal of Hypertension

EDITOR:

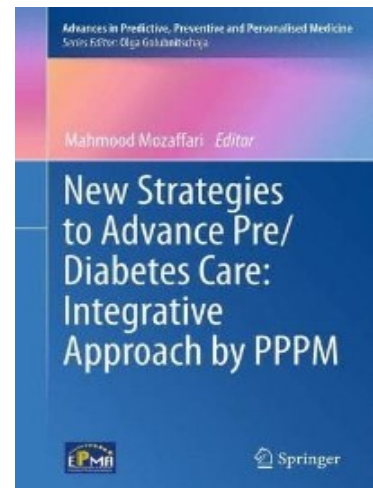
Advances in Predictive, Preventive and Personalized Medicine;
Series Editor: Olga Golubnitschaja

New Strategies to Advance Pre/Diabetes Care:
Integrative Approach by PPPM.
Editor: Mahmood S. Mozaffari; Springer 2013.

PUBLICATIONS IN REFEREED JOURNALS:

*** Denotes Corresponding Author**

1. Schaffer SW , Tan BH, **Syed-Mozaffari M.** Effect of glyburide on myocardial metabolism and function. *Am. J. Med.* vol.79 (Suppl. 3B) 48-52, 1985.



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