

Curriculum Vitae

Date Prepared: June 2023

Name: Ravi I. Thadhani, MD, MPH

Office Address: Emory University, Woodruff Health Sciences Center, 1440 Clifton Road, NE; Suite 400, Atlanta, Georgia 30322

Work Phone: 404-727-7685

Work Email: ravi.thadhani@emory.edu

Education

1987	B.S.	Liberal Arts	University of Notre Dame
1991	M.D.	Medicine	University of Pennsylvania
1997	M.P.H.	Epidemiology	Harvard School of Public Health
2020	Stanford LEAD: Corporate Innovation Certificate	Corporate Innovation Program	Stanford University Graduate School of Business, Executive Education

Postdoctoral Training

1991-1992	Intern in Medicine		Massachusetts General Hospital
1992-1994	Assistant Resident in Medicine		Massachusetts General Hospital
1994-1996	Clinical and Research Fellow in Medicine (Nephrology)		Massachusetts General Hospital
1994-1997	Research Fellow in Medicine		Harvard Medical School
1996	Chief Resident in Medicine		Massachusetts General Hospital

Faculty Academic Appointments

1998-2001	Instructor in Medicine		Harvard Medical School
2001-2004	Assistant Professor of Medicine		Harvard Medical School
2005-2012	Associate Professor of Medicine		Harvard Medical School
2012-	Professor of Medicine		Harvard Medical School
2017-2019	Distinguished Professor		Cedars-Sinai Medical Center
2018-2019	Professor-in-Residence		University of California Los Angeles
2023	Professor of Medicine		Emory University School of Medicine

Appointments at Hospitals/Affiliated Institutions

2000-2017	Assistant Physician	Medicine/Renal	Massachusetts General Hospital
-----------	---------------------	----------------	--------------------------------

2001-2014	Visiting Scientist		Massachusetts Institute of Technology
2002-2017	Senior Scientist	Department of Obstetrics	Massachusetts General
2009-2017	Research Scientist	Department of Medicine	Beth Israel Deaconess Medical Center
2013-2017	Chief, Division of Nephrology	Department of Medicine	Massachusetts General Hospital
2017-2019	Vice Dean for Research and Education		Cedars-Sinai Medical Center
2018-2019	Chair, Department of Biomedical Sciences		Cedars-Sinai Medical Center
2019-2022	Chief Academic Officer		Mass General Brigham
2019-2022	Faculty Dean for Academic Programs		Harvard Medical School
2023 -	Executive Vice President for Health Affairs		Emory University
2023 -	Vice Chair, Board of Directors		Emory Healthcare
2023 -	Executive Director		Woodruff Health Sciences Center

Other Professional Positions

2005	Data Safety Monitoring Board		Rena-Med, Artificial Kidney in Acute Renal Failure
2005-2010	Co-Director, Clinical Research Center		Massachusetts Institute of Technology (1.2 calendar months effort)
2008-2009	Data Safety Monitoring Board		Novo-Nordisk, Growth Hormone in Dialysis
2008-2011	Data Safety Monitoring Board		Affymax, Erythropoietin in Dialysis
2009-2010	Data Safety Monitoring Board (Chair)		PATH, Vitamin C and E in Dialysis
2010-2013	Data Safety Monitoring Board (Chair)		DAYLIGHT, Trial of Vitamin D and Hypertension
2011-2013	Data Safety Monitoring Board		Sandoz, ESA in Dialysis
2011-2013	Endpoint Adjudication Committee		Reata, BEACON Multicenter Randomized Trial
2011-2017	Data Safety Monitoring Board		Shire, Long-term Outcome Safety Study of Lanthanum Carbonate
2012-2014	Data Safety Monitoring Board		Novartis, Relaxin in Preeclampsia Trial
2012-2017	Renal Safety Advisor		Theracos, SGLT2 inhibitor for Diabetes
2016-	Honorary Consultant Nephrologist		Addenbrook's Hospital, University of Cambridge, United Kingdom
2017-2020	Clinical Consultant, Center for Environmental Health Sciences		Massachusetts Institute of Technology
2017-	Honorary Professorial Fellow, Executive Director's Office		The George Institute of Global Health, Newtown NSW, Australia
2018-2019	Clinical Trial Data Sharing Scientific Review Board		Celgene
2018-	Data Safety Monitoring Board (Chair)		Alnylam, RNAi against C5 in IgA Nephropathy
2019-	Data Safety Monitoring Board		Bayer Pharmaceuticals, ASO against FXIa in Hemodialysis

Major Administrative Leadership Positions**Local**

1997-2013	Director, Core I Medicine	Massachusetts General Hospital and Harvard Medical School (Primary Medicine Rotation at MGH for HMS 3rd yr students)
2001-2013	Director, Internal Medicine Review Course	Massachusetts General Hospital (Primary CME course for Internal Medicine at MGH)
2001-2009	Co-Director, PASTEUR Program and Doris Duke Clinical Fellowship	Harvard Medical School (Program for Promoting Patient Oriented Research by Medical Students)
2002-2013 2009-2012	Director of Clinical Research in Nephrology Director, Doris Duke Clinical Fellowship	Massachusetts General Hospital Harvard Medical School (Program for Promoting Patient Oriented Research by Medical Students)
2010-2012	Senior Clinical Research Advisor to the Chief Scientific Officer/Chief Academic Officer	Mass General Brigham
2011-2017 2012-2015	Co-Chair, Partners Research IT Committee Co-Chair, Partners Biorepository Implementation Committee on Education	Mass General Brigham Mass General Brigham
2012-2017	Associate Director of Research, reporting to the Chief Academic Officer	Mass General Brigham
2013-2017 2013-2014 2013-2014 2015-2017 2017	Chief, Division of Nephrology Search Committee, Chief of Nephrology Search Committee, Chief of Cardiology Executive Director, Clinical Trials Office Adjunct Member, Search Committee	Massachusetts General Hospital Newton Wellesley Hospital Massachusetts General Hospital Mass General Brigham Massachusetts General Hospital
2021	Search Committee, Dean of Faculty Affairs	Harvard Medical School
2021	Search Committee, Chief Financial Officer	Mass General Brigham
2021	Search Committee, Chief Marketing Officer	Mass General Brigham
2021	Search Committee, Chief Digital Information Officer	Mass General Brigham
2021	Search Committee, President	Brigham and Women's Hospital
2021	Search Committee, President	Massachusetts General Hospital
2021	Search Committee, President	Newton Wellesley Hospital
2021	Search Committee, President	Spaulding Rehabilitation Hospital
2021	Search Committee, Chair of Medicine	Brigham and Women's Hospital
2021	Search Committee, Chair of Pediatrics	Massachusetts General Hospital
2021	Chair, Search Committee, Chief Research Compliance Officer	Mass General Brigham
2021-	Admission Committee, MD and PhD Candidates	Harvard Medical School
2022	Search Committee, Chief Academic Officer	Massachusetts General Hospital
2023	Search Committee, Dean	School of Medicine, Emory University

Regional

2002-2008	Course Director, Introduction to Human Clinical Investigation	Massachusetts Institute of Technology (Seminar Course to Undergraduates)
2005-2012	Co-Director, Clinical Research Center	Massachusetts Institute of Technology
2021-	Invited Member, Board of Directors	Broad Institute of Massachusetts Institute of Technology and Harvard University

2021-	Invited Member	Massachusetts Life Sciences Strategy Group
National and International		
2002-2013	Committee Member	American Society of Nephrology: Clinical Science & Program Committees
2005-2007	Co-Director and Lecturer, Title: Vitamin D and Cardiac Disease	UCLA Renal Osteodystrophy Annual Symposium
2012-2014	Board Member	InHealth c/o AdvaMed
2013-2014	Global Practice Guideline Committee Member	Kidney Disease Improving Global Outcomes
2014-2016	Consortium Chair	Preeclampsia Foundation Biomarkers Consortium
2016-2019	Invited Consultant	Food and Drug Administration, Cardiovascular and Renal Drugs Advisory Committee
2018	Search Committee, Cancer Center Director	Cedars-Sinai Medical Center
2020	Chair, Search Committee, Chair of Cardiology	Cedars-Sinai Medical Center
2020-	Invited Standing Panel Member	Food and Drug Administration, Cardiovascular and Renal Drugs Advisory Committee
2021	Guest Speaker & Participant	Dartmouth-Hitchcock Fall Research Retreat

Committee Service

Local

1999-2013	Student Training Committee	Massachusetts General Hospital
1999-2013	Teaching and Training Council	Massachusetts General Hospital
2000-2013	Intern Selection Executive Committee	Massachusetts General Hospital
2008-2010	Clinical Research Program Faculty Committee	Massachusetts General Hospital
2009-2012	Partners Research Council	Mass General Brigham
2011-2013	Partners Research IT Committee	Mass General Brigham
2012-2017	Partners Biorepository Implementation Committee	Mass General Brigham
2012-2017	Academic Executive Committee	Mass General Brigham
2019-	Partners Data and Tissue Sharing Committee	Mass General Brigham
2019-	Data Science Oversight Committee	Mass General Brigham

Regional

2001-2005	HST Curriculum Committee	Massachusetts Institute of Technology
-----------	--------------------------	---------------------------------------

Professional Societies

American Society of Nephrology

1997-	Member
2002-2003	Clinical Science Committee
2002-2003	Abstract Reviewer
2004-2008	Co-Director, Post Graduate Course (Epidemiology)
2008-2009	Annual Meeting Program Committee
2009	Co-Chair, Late Breaking Clinical Trials Committee
2012-2013	Annual Meeting Program Committee

2013	Board Review Course, Speaker (Pregnancy)
2013	Co-Director, Post Graduate Course (Nephro-Prevention)
2013	Co-Chair, Late Breaking Clinical Trials Committee
2017	Board Review Course, Speaker (Pregnancy)

International Society of Hypertension in Pregnancy

2000-2003	Member
-----------	--------

National Kidney Foundation

2002-2009	Member
2002	Annual Meeting Planning Committee
2003-2008	Clinical Research Committee
2004-2006	Vice Chair, Clinical Research Committee
2007-2009	Chair, Clinical Research Committee
2012	Co-Chair, Young Investigator Grant Selection Committee
2012	Co-Chair, Breakout Session, GFR Decline as an Endpoint for Trials in CKD

International Society of Nephrology

2013-	Member
-------	--------

Grant Review Activities

2003	Grant Review Committee	Swiss National Science Foundation
2003	Research Grant Committee	Satellite Health Care North America
2003-2004	Study Section, Epidemiology Disease Committee I (EDC-I)	National Institutes of Health
2003-2004	Study Section, Biology of Adverse Fetal Outcomes (RFA)	National Institutes of Health
2007	Special Emphasis Panel Study Section NIDDK (PAR 06-113) Study Section Member	National Institutes of Health
2007	Special Emphasis Panel Study Section (NIDDK PA-06-387) Study Section Member	National Institutes of Health
2007	Special Emphasis Panel Study Section (NIDDK T32/K08 Reviews) Study Section Member	National Institutes of Health
2008-2012	Kidney, Nutrition, Obesity and Diabetes Epidemiology (KNOD) Permanent Study Section Member	National Institutes of Health
2009	Grant Reviewer	United Kingdom Renal Research
2010	Special Emphasis Panel Study Section (NIDDK GRB-S 02 1) Study Section Member	National Institutes of Health
2010	Grant Reviewer	Canadian Institutes of Health
2010	Grant Reviewer	German Federal Ministry of Education and Research
2010	Grant Reviewer	Diabetes United Kingdom
2010	Grant Reviewer	Harvard Catalyst, Harvard Medical School
2011	Grant Reviewer	Wellcome Trust, United Kingdom
2012	Grant Reviewer	Juvenile Diabetes Research Foundation
2012	Grant Reviewer	National Institute for Health Research Fellowship, United Kingdom

2012	Grant Reviewer	National Institute for Health Research Fellowship, United Kingdom
2012	Grant Reviewer	Austrian Science Fund
2013	Special Emphasis Panel Study Section 2013/05 ZRG1 DKUS-L (81) Study Section Member	National Institutes of Health
2013	Special Emphasis Panel Study Section NIH ZRG1 PSE-S (02) Study Section Member	National Institutes of Health
2014	Special Emphasis Panel Study Section NIH ZDK1 GRB-9 M3 Study Section Member	National Institutes of Health
2014	Kolff Physician Researcher Grant	Dutch Kidney Foundation, The Netherlands
2015	Special Emphasis Panel Study Section NIH ZRG1 EMNR-W (02) Study Section Reviewer	National Institutes of Health
2016	PAR 15-067 entitled NIDDK Multi-Center Clinical Study Cooperative agreement (U01) Study Section	National Institutes of Health
2019 (June)	Chair, ZRG1 DKUS-B (55) Clinical Pilot Studies in Kidney Diseases Special Emphasis Panel Study Section	National Institutes of Health
2019 (Oct.)	Chair, ZRG1 DKUS-B (55) Clinical Pilot Studies in Kidney Diseases Special Emphasis Panel Study Section	National Institutes of Health
2019	Chair, ZDK1 GRB-M (05) Chronic Kidney Disease Biomarkers Consortium Applications Study Section	National Institutes of Health
2021	Review Committee, Division of Intramural Population Health Research	National Institutes of Health
2022	Doctoral Thesis Reviewer	University of Malaya, Kuala Lumpur

Editorial Activities

Ad Hoc Reviewer

American Journal of Internal Medicine
 American Journal of Kidney Diseases
 American Journal of Nephrology
 Annals of Internal Medicine
 Atherosclerosis
 British Journal of Pharmacology
 Circulation
 Hypertension
 Journal of Bone Mineral Research
 Journal of Cardiovascular Pharmacology
 Journal of Clinical Endocrinology and Metabolism
 Journal of Clinical Investigation
 Journal of the American Medical Association
 Journal of the American Society of Nephrology

Kidney International
 Lancet
 Medicine
 Menopause
 Metabolism
 New England Journal of Medicine
 Obstetrics and Gynecology
 Proceedings of the National Academy of Sciences USA

Other Editorial Roles

2001	Editor	<i>Current Medical Literature-Lysosomal Storage Diseases</i>
2002	Guest Editor	<i>Journal of the American Society of Nephrology</i>
2005-2012	Editorial Board	<i>Clinical Journal of American Society of Nephrology</i>
2006-2008	Associate Editor	<i>American Journal of Kidney Diseases</i>
2009-2012	Editorial Board	<i>Journal of the American Society of Nephrology</i>
2013-2020	Editorial Board	<i>American Journal of Nephrology</i>
2014	Editorial Board	<i>Nephrology Dialysis Transplantation</i>
2015-2016	Guest Editor	<i>Journal of the American Society of Nephrology</i>
2016-2018	Associate Editor	<i>Journal of the American Society of Nephrology</i>

Honors and Prizes

1987	Professional Student Award	University of Guam	
1987	Phi Beta Kappa and <i>Summa Cum Laude</i>	University of Notre Dame	
1990	Alpha Omega Alpha	University of Pennsylvania	
1991	Nathan and Paulin Pincus Prize	University of Pennsylvania	Outstanding Achievement as a Clinician
1991	Alfred Stengel MD Memorial Prize	University of Pennsylvania	Academic Excellence for Academic Medicine
1999	Doris Duke Clinical Scientist Nominee 1999	Harvard Medical School	
2000	Daniel D. Federman Outstanding Clinical Educator Award	Harvard Medical School	
2000	Class of 2000 Faculty Award for Excellence in Clinical Teaching	Harvard Medical School	
2008	Inducted Member	American Society of Clinical Investigation	
2008	Inducted Member	American Epidemiological Society	
2008	Honorary Degree, Distinguished Visiting Professor, and	Panamerican University School of Medicine, Mexico City, Mexico	

	Commencement Speaker		
2009	Appreciation Award	Guam Medical Association	
2009	Appreciation Award	American Society of Nephrology	
2011	Priscilla Kincaid-Smith Visiting Professor	Royal Melbourne, Australia	Single person chosen each year to spend one week teaching, lecturing, and advising faculty and student at the Royal Melbourne Hospital.
2011	Kathleen Valles Visiting Professor	St. George's Hospital, London, England	Single person chosen each year to review the education, research, and clinical activities of the Department of Medicine at St. George's Hospital, London, England.
2011	Scientific Recognition Award	American Nephrologists of Indian Origin	One of two recipients recognized by Indian Nephrologists for his/her Scientific contributions in Nephrology.
2011	Jaime Herrera Acosta Honorary Lecture	Instituto Mexicano de Investigaciones Nefrológicas (IMIN)	Single Honorary Lecture at the annual Nephrology Research Conference in Mexico.
2012	Shaul Massry Distinguished Lecture Award	National Kidney Foundation	One award given annually for scientific achievements in Nephrology.
2012	Saulo Klahr Lecture	Department of Medicine, Washington University of St. Louis, St. Louis, MO	Single Medical Grand Rounds Lecturer each year to honor the scientific accomplishments of Saulo Klahr, a distinguished world-renowned Nephrologist.
2013	Dr. KS Chugh Award Oration	Annual Conference of the International Society of Nephrology, New Delhi	One oration award given annually for scientific achievements in Nephrology.
2014	Kleeman Visiting Scholar	UCLA Annual Visiting Scholar	Single investigator each year chosen to visit UCLA and affiliated hospitals for 3 days as visiting scholar.
2014	Helen Randall Dunham Cardio-Renal Lecturer	Brigham and Women's Hospital	One guest speaker per year with an expertise in Cardio-Renal Syndrome.
2014	Alumni Award of Merit	Harvard School of Public Health Alumni Association	The HSPH Alumni Award of Merit is the highest honor the School can bestow upon a graduate of the HSPH, recognizing a

2014	Outstanding Speaker Award	The American Association of Clinical Chemistry	significant career in the field of public health. This award recognizes earning a speaker evaluation rating of 4.5 or higher during a 2014 continuing education activity accredited by AACC.
2015	Robert W. Schrier Endowed Lectureship	The American Society of Nephrology (ASN)	This award is presented annually at ASN Kidney Week to honor Dr. Schrier's outstanding contributions to nephrology, biomedical research, and education.
2015	Inducted Member	American Association of Physicians	
2016	Honors for Outstanding Contributions in Nephrology Research & Education	International Society of Nephrology & American Nephrologists of Indian Origin	
2016	Irene Tamagna Honorary Lecture in Hypertension	George Washington University, Department of Medicine, Washington, DC	Single Honorary Lecture at the annual Irene Tamagna Lecture in Hypertension
2017	Charles Austin MD Visiting Professor	Baylor University Medical Center, Dallas, TX	Honorary Lectureship.
2017	Harold Amos Faculty Diversity Award	Harvard Medical School/Harvard School of Dental Medicine	To recognize and celebrate faculty who have made significant achievements in moving HMS and HSDM towards being a diverse and inclusive community.
2019	Inducted Member	American Clinical and Climatological Association	
2020	John P. Peters Award	American Society of Nephrology	Single Annual Award given to an individual who has made substantial research contributions in Nephrology and has sustained achievements in domains of academic medicine including education and leadership.
2021	Gregory Pincus Memorial Medal	UMass Chan Medical School	Prize given for pioneering work in women's health, Prize shared with Dr. S. Ananth Karumanchi

Report of Funded and Unfunded Projects

[Funding Information](#)

Past

- 1995-1998 Risk Factors for Hypertensive Disorders of Pregnancy
American Kidney Fund-Amgen Inc, Clinical Scientist in Nephrology Award
PI, \$100,000 (direct costs)
To study the epidemiology of hypertensive disorders of pregnancy
- 1998-2000 Lipid abnormalities and Hypertensive Disorders of Pregnancy
John E. Lawrence Fellowship of the Hinduja Foundation
PI, \$75,000 (direct costs)
To study lipid alterations in women with a history of preeclampsia
- 1998-2003 Modifiable Risk Factors for Hypertensive Disorders of Pregnancy
NIH K08 HL03804
PI, \$500,000 (direct costs)
To examine alterations in lipids and blood pressure and risk for hypertensive disorders of pregnancy
- 2002-2007 Androgens, Lipids, Insulin, and Hypertensive Pregnancy Hypertensive Pregnancy
NIH R01 HD39223
PI, \$1,250,000 (direct costs)
To study alterations in androgens, lipids, and insulin resistance and risk for preeclampsia
- 2004-2007 Cytokines and Angiogenesis Related Growth Factors in Pregnancy
American Diabetes Association Clinical Investigator Award
PI, \$300,000 (direct costs)
To characterize changes in cytokines and angiogenic factors among women who develop gestational diabetes
- 2005-2007 Antibody Microarray Predicting Pima Diabetic Nephropathy
NIH R21 DK68465
PI, \$275,000 (direct costs)
To identify urine proteins in Pima Indians that predict subsequent development of diabetic nephropathy
- 2005-2008 Biological Measures and Hemodialysis Survival
NIH R21 DK71674
PI, \$275,000 (direct costs)
To examine alterations in the metabolism of vitamin D and adverse outcomes in chronic hemodialysis patients
- 2005-2009 Gestational Diabetes and Preeclampsia Cytokine Profiles
NIH R01 DK67397
PI, \$1,000,000 (direct costs)
To identify early trimester cytokines that predict development of gestational diabetes and preeclampsia
- 2008-2009 Vitamin D and CVD
NIH R13 HL093954
PI, \$25,000 (direct costs)
To hold a national meeting with experts in cardiovascular disease and vitamin D
- 2008-2011 Identifying Urinary Biomarkers of Type 1 Diabetic Nephropathy
Juvenile Diabetes Research Foundation
PI, \$450,000 (direct costs)
To identify urine proteins linked to subsequent development of diabetic nephropathy
- 2010-2011 Omega-3 Fatty Acids and Risk of Sudden Cardiac Death in Hemodialysis Patients
NIH R21 DK084403
Co-PI, \$74,340 (Subcontract)

- 2007-2012 To examine the association between baseline levels of Omega-3 fatty acids and subsequent risk for sudden cardiac death in incident dialysis patients
Role of FGF-23 in Mineral Metabolism Across the Chronic Kidney Disease
NIH R01 DK076116
Co-PI
To characterize the role of FGF-23 and alterations thereof in patients with chronic kidney disease
- 2009-2012 Ergocalciferol and ESRD
NIH R01 DK84974
PI, \$500,000 (direct costs)
To perform a pilot randomized trial in incident chronic hemodialysis treated with ergocalciferol (2 arms with different doses) or placebo and to examine changes in white cell expression and release of specific inflammatory cytokines
- 2008-2012 Angiogenic Factors and Women's Health
American Heart Association, Established Investigator Award
Co-I, \$150,000 (direct costs)
To examine the role of angiogenic factors in predicting preeclampsia in a prospective cohort of pregnant women
- 2008-2013 Clinical Research Center, MIT, Co-Director
NIH UL1 TR000170-05
Co-Dir, \$500,000
To Co-direct the MIT Clinical Research Center
- 2010-2013 Translational Studies Examining Soluble EPO Receptor and EPO Resistance in Dialysis
NIH R21 HL102882
PI, \$137,000 (direct costs)
To examine the role of soluble EPO receptor in EPO resistance among patients with Chronic Kidney Disease
- 2011-2013 Clinical Characterization of the APOL-1 associated phenotype
NIH P01 DK092158
MPI, \$90,000 (direct costs)
To seed a collaborative group that will examine the effects of APOL-1 gene on development and progression of chronic kidney disease
- 2011-2014 Pasteur Program (PI)
President and Fellows of Harvard
Clinical Research Fellowship Program for medical students
The major goal of this project is to encourage medical students to pursue a career in medical research by giving them an opportunity to experience clinical research firsthand.
- 2013-2014 PDE5i with Tadalafil Changes the Extent of Renal Damage (PITCH_ER)
NIH/NHLBI 1R01 HL119155-01A (Thadhani, PI)
PI, \$176,968 (direct costs)
To simultaneously examine the impact of PDE5i on renal function and injury, areas not previously examined, and one that will be critical to cardiac and renal patients alike.
- 2008-2014 Abbott Laboratories
PRIMO Trial: Vitamin D and Cardiac Alterations in Kidney Disease
PI, \$238,971 (direct costs)
The major goal of this study is to coordinate an investigator initiated worldwide randomized clinical trial to test the hypothesis that activated vitamin D prevents the progression or regresses left ventricular hypertrophy in patients with renal failure.
- 2011-2014 DIVINE Study: Dialysis Infection In New England
NIH/NIDDK R01 DK092143
PI, \$42,694 (direct costs)

- 2012-2015 To extend a randomized trial examining whether nutritional vitamin D supplementation reduces the risk of developing an infection while receiving routine chronic hemodialysis.
Deltanoid Pharmaceuticals
Study Chair Agreement
PI, \$7,874 (direct costs)
The major goal of this project is to understand and consult on vitamin D analogs and their effect on metabolic disease in nephrology.
- 2013-2015 Pragmatic Trials in Maintenance Hemodialysis
NIH/NCCAM UH3 DK102384
Co-Investigator, \$6,722 (direct costs)
To determine if increasing the duration of dialysis sessions reduces the mortality for patients initiating treatment with maintenance hemodialysis.
- 2014-2015 Feasibility Assessment for Phase 1b Study of Atacicept in Lupus Nephritis
EMD Serono, Inc.
PI, \$42,600 (direct costs)
The major goal of this study is to conduct a feasibility assessment of a Phase 1b trial of Atacicept in patients with lupus nephritis (LN).
- 2012-2015 Removal of Anti-Angiogenic Proteins in preeclampsia before Delivery (RAAPID) Trial
Kaneka Corporation - Contract
PI, \$461,711 (direct costs)
To test whether dextran sulfate apheresis removes sFlt-1 and is safe in pregnancy
- 2013-2015 Role of FGF23 in Mineral Metabolism Across the Spectrum of Chronic Kidney Disease
NIH/NIDDK R01DK076116-08
Co-investigator \$35,000 (direct costs)
The goal of this project is to investigate fibroblast growth factor 23 biology across the spectrum of chronic kidney disease.
- 2011-2016 Training in Cell Structure and Function in Nephrology
NIH/NIDDK T32DK07540-30
PI, \$457,340
The major goal of this project is to train postdoctoral fellows in cell and molecular biology.
- 2012-2016 Impact of Vitamin D supplementation on cardiac status and function
NIH R01 HL112746-03
MPI, \$45,303 (direct costs)
To perform an ancillary study of cardiac structure and function (echocardiogram) among a subset of participants in the randomized trial (VITAL) of vitamin D and omega-3 fatty acids taking place throughout the U.S.
- 2012-2017 Patient Oriented Studies of Vitamin D in Chronic Kidney Disease
NIH K24 DK094872-05
PI, \$121,839 (direct costs)
The major goal of this project is to mentor Nephrology fellows interested in becoming patient oriented investigators.
- 2013-2017 Research Fellows Program
Amgen, Inc.
PI, \$43,478 (direct costs)
The major goal of this project is to support two research fellows and their research to further advance the educational and research mission of the Division of Nephrology at Massachusetts General Hospital
- 2014-2018 Characterization of Pathogenic Factors
EMD Serono, Inc.
PI, \$200,899 (direct costs)

- The major goal of this study is a characterization of pathogenic factors and cells in the blood and urine from patients with Systemic Lupus Erythematosus (SLE) and Lupus Nephritis (LN).
- 2016-2018 Coordinating Center Agreement: Removal of Anti-Angiogenic Proteins in Preeclampsia before Delivery: 3rd Cohort (RAAPID-3)
Kaneka Corporation
PI, \$575,216 (direct costs)
The major goal of this project is to test whether dextran sulfate apheresis removes sFlt-1 and is safe in pregnancy.
- 2017-2018 Training for Multidisciplinary Research in Nephrology
NIH/NIDDK T32DK007540-31A
PI, \$277,460 (PI-Transitioned)
The major goal of this project is to offer comprehensive multidisciplinary research training to four highly selected postdoctoral trainees in Nephrology.
- 2012-2019 Redefining Vitamin D Deficiency: The Role of Bioavailable Vitamin D
NIH/NIDDK R01 DK094486-06
PI, \$282,667 (direct costs)
The major goal of this project is to determine how bioavailable vitamin D alters the definition of vitamin D deficiency in a large diverse US population.
- 2010-2020 LUCID Study: Longitudinal US Canadian Incident Dialysis Study
Canadian Institutes of Health Research IRO 90262 (R01 Type Grant)
Clinical, Biochemical and Genetic Risk Factors for CAC and Left Ventricular Hypertrophy (LVH)
MPI proposal, PI (US), \$35,714 (direct costs)
The major goal of this project is to examine genetic risk factors for CAC and left ventricular hypertrophy in end stage renal disease.
- 2016-2020 Randomized Trial of Vitamin D and Omega-3 Fatty Acids for Diabetic Kidney Disease
NIH/NIDDK R01 DK088762-06 (de Boer, PI)
Co-Investigator, \$24,662 (direct costs)
The major goal of this project is to evaluate the long-term effects through a randomized trial of Vitamin D and Omega-3 fatty acids on diabetic kidney disease.
- 2017-2020 Kidney Information Network for Disease Research and Education (KINDRED)
Genzyme Corporation
PI, \$2,116,654 (direct costs)
The major goal of this project is to collect and store biological samples (DNA, plasma, serum), along with relevant medical information from adults with End Stage Renal Disease (ESRD) on dialysis.

Current

- 2018-2023 PRAECIS Trial: Preeclampsia Risk Assessment: Evaluation of Cut-offs to Improve Stratification
ThermoFisher Scientific Brahms Biomarkers France and Cedars-Sinai Medical Center
PI, \$1,500,000 (direct costs)
The major goals of this project are to 1) Identify a cut-off for the ratio of the serum proteins soluble FMS-like Tyrosine Kinase 1 (sFLT-1) and placental growth factor (PIGF) that identifies women who will develop preeclampsia with severe features within 2 weeks of testing (clinically positive) from those who do not develop preeclampsia with severe features within 2 weeks of testing (clinically negative) among preterm pregnant women with hypertensive disorders of pregnancy and 2) To validate the cut-off the ratio of sFLT-1 and PIGF and to validate the performance of the automated assays used to find the cut-off.

Test performance includes positive predictive value, negative predictive value, sensitivity, and specificity.

Current Unfunded Projects

Report of Local Teaching and Training

Teaching of Students in Courses

1997-2004	Critique of the Literature, Section Leader 20 students/year	Harvard Medical School/Harvard School of Public Health 20 hours preparation/90 minutes contact/year
1997-2013	Core 1 Medicine, MGH	Harvard Medical School rotation for 3 rd year students, 8 lectures per quarter
2008-2013	Renal Disease in Pregnancy Post-graduate students	Nephrology Update (Burton Rose, Director) 1 hour preparation, 30 minutes contact

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

1996-2002	Acute Renal Failure, Resident Lecture Series, Lecturer Medical residents, students	Massachusetts General Hospital, Department of Medicine 25 hours preparation/60 minutes contact/year
1998-2017	Renal Disease in Pregnancy, Fellowship Lecture Series, Lecturer Renal Staff, residents, fellows	Massachusetts General Hospital and Brigham and Women's Hospital, Renal Unit 20 hours preparation/60 minutes contact/year
1999	Lipid and Blood Pressure Management in Women, Resident Lecture Series, Lecturer Residents, students	Massachusetts General Hospital, Obstetrics Unit 20 hours preparation/60 minutes contact
2000	Hypertensive Disorders of Pregnancy, Resident Lecture Series, Lecturer Staff, residents, students	Massachusetts General Hospital, Obstetrics Unit 20 hours preparation/60 minutes contact
2001	Hypertension During and After Pregnancy, Seminar, Lecturer Students enrolled in Master's Program	Harvard School of Public Health 10 hours preparation/60 minutes contact

Clinical Supervisory and Training Responsibilities

2000-2017	Renal Consult and Intensive Care Unit Attending 2-4 weeks per year with renal fellow	Massachusetts General Hospital
2018-2019	Renal Consult and Intensive Care Unit Attending 2-4 weeks per year with renal fellows and residents	Cedars-Sinai Medical Center

Laboratory and Other Research Supervisory and Training Responsibilities

1999-2017	Overseeing a clinical research laboratory inclusive of data manager, statisticians,	~ 10 hours per week
-----------	---	---------------------

laboratory technicians, nurses, research assistants, students, fellows, and junior and senior faculty members. Massachusetts General Hospital.

(<http://kidneyresearchcenter.mgh.harvard.edu>)

Formally Supervised Trainees

- 2000-2008 **Myles Wolf, MD, MMSc.**, Professor of Medicine and Chief of Nephrology, Duke University School of Medicine, Postdoc, Research Project - Metabolic Alterations in Women with a History of Hypertension and Diabetes in Pregnancy, Postdoc, Research Project – FGF-23 and Chronic Kidney Disease.
Grants: American Society of Nephrology Career Development Grant, NIH K23, K30, and R01 Awards.
- 2002-2003 **Jennifer Sauk, MD**, Director, Clinical Care, UCLA Center for Inflammatory Bowel Diseases, Postdoc, Research Project - Inflammatory Cytokines and Prediction of Gestational Diabetes
Grant: Dorris Duke Clinical Research Fellowship Award.
- 2003-2006 **Karen Smirnakis, MD, PhD, MPH**, Vice President, Head of Global Medical Safety, Biogen, Postdoc, Research Project - Postpartum Diabetes Screening in Women with a History of Gestational Diabetes
Grant: American Diabetes Association.
- 2004-2005 ***Abelardo Martinez, MD**, Interventional Cardiologist, Methodist Hospital, San Antonio, Postdoc, Research Project – MGH Obstetrical Maternal Study.
- 2005-2006 ***Manuel Monroy-Trujillo, MD**, Assistant Professor, Medicine-Nephrology, Johns Hopkins University School of Medicine, Postdoc, Research Project – MGH Obstetrical Maternal Study.
- 2006-2012 **Ishir Bhan, MD, MPH**, Medical Director of Drug Safety, Safety and Benefit Risk, Biogen, Postdoc, Research Project - hCAP18 and Chronic Kidney Disease
Grant: National Kidney Foundation Fellowship Award, K08 Award.
- 2006-2013 ***Hector Tamez Aguilar, MD, MPH**, Cardiologist, Beth Israel Deaconess Medical Center, Postdoc Research Project - Cardiovascular Diseases in End-Stage Renal Disease Patients.
- 2006-2008 ***Alejandro Rauh-Hain, MD, MPH**, Assistant Professor and Gynecologic Oncologist, University of Texas MD Anderson Cancer Center, Postdoc, Research Project – MGH Obstetrical Maternal Study.
- 2007-2010 **Tamara Isakova, MD, MPH**, Director, Institute for Public Health and Medicine and Associate Professor of Medicine, Northwestern University Feinberg School of Medicine, Postdoc, Research Project - Postprandial Calciuria and Secondary Hyperparathyroidism in Early Chronic Kidney Disease
Grant: K08 Awarded 2010.
- 2008-2010 **Maryam Afkarian, MD, PhD**, Associate Professor, UC Davis, Postdoc Research Project - Identifying Urinary Biomarkers of Diabetic Nephropathy.
Grant: Juvenile Diabetes Research Foundation Fellowship, K08.
- 2009-2017 ***Camille Powe, MD**, Endocrinologist, Co-Director MGH Diabetes in Pregnancy Program, Assistant in Medicine, Massachusetts General Hospital, Instructor in Medicine, Harvard Medical School, Postdoc, Research Project - Metabolic Alterations in Women with a History of Hypertension and Diabetes in Pregnancy.
Grants: Howard Hughes Research Fellowship, Harold Amos Medical Faculty Development Program (AMFDP), Research Project: Toward Personalized Prevention and Therapy for Gestational Diabetes Mellitus; K23 (NIDDK), Research Project: Elucidating Determinants of Gestational Beta-Cell Adaptation and Failure.

- 2009-2012 **Julien Pham, MD, MPH**, President & COO Genprex, Inc., Postdoc, Research Project - Dialysis Vascular Access Dysfunction and ESRD Outcomes. Mentor.
- 2010-2012 **Chunmei Huang, MD, MS**, Attending Physician, Massachusetts General Hospital, Postdoc, Research Project - Diabetes and Genetics as Related to ESRD Outcomes. Mentor.
- 2010-2015 **Eugene Rhee, MD**, Assistant Professor of Medicine, Harvard Medical School, Chief of Nephrology, Massachusetts General Hospital, Postdoc, Research Project - Metabolomic Biomarkers in Chronic Kidney Disease. Co-Mentor.
Grant: K08, Research Project: Metabolite Profiling and Cardiovascular Mortality in ESRD.
- 2010-2015 **Marta Christov, MD, PhD**, Assistant Professor of Medicine, New York Medical College, Postdoc, Research Project – Renal Bone Disease and Mineral Metabolism. Co-Mentor.
Grant: K08 Award.
- 2011-2020 **Sagar Nigwekar, MD, MMSc**, Assistant Professor of Medicine, Harvard Medical School, Assistant in Medicine, Massachusetts General Hospital, Postdoc, Research Project - Translational Studies in Calciphylaxis, Scholars in Clinical Science Program. Mentor.
Grants: KL2/CMerIT Clinical and Translational Science Grant Award (Harvard Catalyst), Clinical Scientist in Nephrology Fellowship by the American Kidney Fund, American Heart Association Mentored Clinical & Population Research Award, American Heart Association NCRP Summer 2014 Mentored Clinical and Population, and American Heart Association NCRP Winter Fellow to Faculty Transition Award; 1U01DK123818-01: Reducing Chronic Pain and Opioid Use in Hemodialysis Patients.
- 2011-2020 **Sahir Kalim, MD, MMSc**, Assistant Professor of Medicine, Harvard Medical School, Assistant in Medicine, Massachusetts General Hospital, Postdoc, Research Project - New insights on uremic toxicity, metabolism and dialysis outcomes, Scholars in Clinical Science Program. Mentor.
Grants: National Kidney Foundation Young Investigator Grant, Harvard Catalyst KL2 Clinical and Translational Science Grant, K23, Effects of Protein Carbamylation in End-Stage Kidney; 1U01DK123818-01: Reducing Chronic Pain and Opioid Use in Hemodialysis Patients.
- 2011-2017 ***Rhonda Bentley-Lewis, MD, MMSc**, Physician, Diabetes Unit, Massachusetts General Hospital, Postdoc, Research Project – Metabolomic Profiling to Characterize Women at Increased Risk for Developing GDM and T2DM. Co-Mentor.
Grant: R03, Research Project: Metabolomic Profiling in the Prediction of Gestational Diabetes Mellitus.
- 2012-2018 ***Nwamaka Eneanya, MD, MPH**, Assistant Professor of Medicine, University of Pennsylvania School of Medicine, Postdoc, Research Project - Health Care Disparities in Chronic Kidney Disease. Mentor.
Grants: American Society of Nephrology Ben J. Lipps Research Fellowship Program, Research Project: Discussing End-of-Life: Racial Disparities in End-of-Life Preferences in Chronic Kidney Disease Patients Due to Limited Health Literacy, MGH/CDI Physician-Scientist Development Award, Research Project: Integrating Advance Care Planning Into a Pre-Dialysis Educational Program, NIDDK K23: Integrating Conservative Kidney Management Options and Advance Care Planning into a Pre-dialysis Educational Program.
- 2012-2018 **Yossi Chait, PhD** (Mechanical Engineering), Professor University of Massachusetts Amherst, MA. Mentor.
Grant: K25, Research Project: The Engineering of Individualized Anemia Management Protocols.
- 2012-2015 ***Guillermo Ortiz, MD**, Fellow, Gastroenterology/Clinical Research in Hepatology, Yale New Haven Hospital, New Haven CT, Postdoc, Research Project - Identify biological markers in the Diagnosis, Prediction, and Prognosis of Hepatorenal Syndrome (HRS). Mentor.

- 2014-2020 **Andrew Allegretti, MD, MSc**, Instructor in Medicine, Harvard Medical School, Assistant in Medicine in the Division of Nephrology and Director of ICU Nephrology, Massachusetts General Hospital, Postdoc, Research Project - Novel Diagnostics of Kidney Injury. Mentor. Grants: Clinical Research Award from the American College of Gastroenterology, Research Project: In-depth Understanding of Hepatorenal Syndrome and Potential Therapies. AASLD Career Development Award, Research Project: Vascular Activation in Hepatorenal Syndrome.
- 2014-2020 **Meghan Sise, MD, MS**, Assistant in Medicine, Massachusetts General Hospital, Postdoc, Research Project - Understanding the Effects of Hepatitis C Virus Infection on Patients with Chronic Kidney Disease. Co-Mentor with Dr. Raymond T. Chung, Vice Chief, Gastrointestinal Unit, Massachusetts General Hospital. Grants: K23, Effect of Hepatitis C Virus Eradication on Chronic Kidney Disease Progression. Gilead Sciences, Research Project: Effect of Ledipasvir and Sofosbuvir on Proteinuria and Estimated Glomerular Filtration Rate in Patients with Early Stage (1-3) Hepatitis C Associated Chronic Kidney Disease, Abbvie Inc., Research Project: Safety, Efficacy, and Changes in Traditional and Novel Biomarkers of Kidney Function in Patients with Hepatitis C and advanced chronic kidney disease treated with Abbvie 3-D Regimen.
- 2014-2015 **Kinjal Patel, MD**, Director of Clinical Care and Value, Calyx Health, Postdoc, Research Project - Describing the Epidemiology and Practice Patterns of Cancer Screening in Dialysis Patients. Mentor.
- 2015-2020 ***Opeyemi A. Olabisi, MD, PhD**, Assistant Professor of Medicine, Duke University, Postdoc, Research Project - Mechanisms of ApoL1 Nephropathy, Co-Mentor with Dr. Martin Pollak, Chief of Nephrology at Beth Israel Deaconess Medical Center. Grants: Harold Amos Medical Faculty Development Program (AMFDP), Research Project: Uncovering the Molecular Mechanism of ApoL1 Nephropathy; DP2-DK124891-01: A Human Stem Cell-Derived Podocyte Model of APOL1 Nephropathy.
- 2015-2020 **Jessica Sheehan Tangren, MD, MPH**, Instructor in Medicine at Harvard Medical School and an Assistant in Medicine at the Massachusetts General Hospital, Postdoc, Research Project - Pregnancy and Kidney Disease. Grant: K23, Awarded 2018. American Kidney Fund Clinical Scientist in Nephrology Fellowship, Research Project: Renal and Vascular Dysfunction after AKI: Implications for Pregnancy and Beyond.
- 2015 **Charbel C. Khoury, MD**, Assistant Professor of Medicine, Division of Nephrology, Washington University School of Medicine, Postdoc, Research Project - Protein Energy Wasting and Kidney Disease.
- 2016-2017 ***Daniela Contreras, MD**, Research Fellow, Massachusetts General Hospital, Postdoc, Research Project - Chronic Kidney Disease and Gestational Diabetes.
- 2016 ***Xavier Fernando Vela Parada, MD**, Residency, Internal Medicine, Mount Sinai Medical Center, New York, NY, Research Fellow, Massachusetts General Hospital, Postdoc, Research Project - Chronic Kidney Disease.
- 2016-2017 **Lida Pamela Hariri, MD, PhD**, Assistant Pathologist, Massachusetts General Hospital, Postdoc, Research Project - Development and Clinical Application of High-resolution Optical Imaging. Member of Advisory Committee. Grant: K23, Research Project: Low Risk In Vivo Diagnosis of IPF with Optical Imaging.
- 2016-2020 ***Kabir Olaniran, MD**, Assistant Professor of Medicine (Nephrology) / Attending Physician, The University of Texas Southwestern Medical Center at Dallas, Postdoc, Research Project – Renal and Cardiovascular Outcomes in African Americans with Sickle Cell Disorders. Grant: ASN Ben J. Lipps Research Fellowship Award
- 2016-2020 **Kenneth Lim, MD, PhD**, Attending Physician, Massachusetts General Hospital and Instructor in Medicine, Harvard Medical School. Research Area: Accelerated cardiovascular disease and premature aging in CKD. Mentor.

- Grants: NIH T32 Fellowship, NIH NIDDK K23 Career Development Award, Research Project: Dissecting the Role of Soluble α -Klotho in Cardiovascular Aging.
- 2017-2020 **Neal Shah, MD**, Nephrology Fellow, Joint Nephrology Fellowship Program at the Massachusetts General Hospital and Brigham and Women's Hospital, Postdoc, Research Project - Impact of Microbiota on Chronic Kidney Disease and Its Etiology.
- 2018-2020 ***Marciana Laster, MD**, Pediatric Nephrology, University of California Los Angeles, Grant: K23 Career Development Award, Research Project: CKD-MBD in Pediatric Dialysis Patients.
- 2018-2020 **Margo Minissian, PhD, ANCP**, Cedars-Sinai Medical Center. Grant: K23 Career Development Award, Research Project: Post-Partum Measures of Vascular Dysfunction following Preeclampsia

*Under-represented Minority

Formal Teaching of Peers (e.g., CME and other continuing education courses)

1997	Title: Hypertension in Pregnancy, Lecturer Internal Medicine Review Course	20 hours preparation/ 60 minutes contact Harvard Medical School and Massachusetts General Hospital
1997	Title: Renal Disease in Pregnancy, Lecturer From Bench to Bedside: Nephrology Review Course	20 hours preparation/ 60 minutes contact Harvard Medical School and Brigham and Women's Hospital
1999	Title: Renal Disease in Pregnancy, Lecturer From Bench to Bedside: Nephrology Review Course	20 hours preparation/ 60 minutes contact Harvard Medical School and Brigham and Women's Hospital
2001	Title: Renal Disease in Pregnancy, Lecturer From Bench to Bedside: Nephrology Review Course	20 hours preparation/ 60 minutes contact Harvard Medical School and Brigham and Women's Hospital
2002	Title: Renal Disease in Pregnancy, Lecturer From Bench to Bedside: Nephrology Review Course	20 hours preparation/ 60 minutes contact Harvard Medical School and Brigham and Women's Hospital
2002	Title: Perspectives in Chronic Renal Insufficiency, Lecturer Update and Review of Internal Medicine	10 hours preparation/ 60 minutes contact Harvard Medical School and Massachusetts General Hospital
2003	Title: Chronic Renal Insufficiency: The Rising Epidemic, Lecturer Update and Review of Internal Medicine	10 hours preparation/ 60 minutes contact Harvard Medical School and Massachusetts General Hospital
2004	Title: Chronic Renal Insufficiency: The Rising Epidemic, Lecturer Update and Review of Internal Medicine	10 hours preparation/ 60 minutes contact Harvard Medical School and Massachusetts General Hospital
2004-2008	Epidemiology Post Graduate Course, Lecturer	American Society of Nephrology, Annual Meetings, 4 hours preparation
2008	Title: Renal Disease in Pregnancy	2 hours preparation/ 60 minutes contact

	Nephrology 2008	Harvard Medical School and Beth Israel Deaconess Medical Center
2009	Title: Renal Disease in Pregnancy Nephrology	2 hours preparation/ 60 minutes contact Harvard Medical School and Beth Israel Deaconess Medical Center
2009	Title: Update on Vitamin D Internal Medicine Review and Update	2 hours preparation/ 45 minutes contact Harvard Medical School and Massachusetts General Hospital
2010	Title: Renal Disease in Pregnancy Nephrology	2 hours preparation/ 60 minutes contact Harvard Medical School and Beth Israel Deaconess Medical Center
2010	Title: Update on Vitamin D Internal Medicine Review and Update	2 hours preparation/ 45 minutes contact Harvard Medical School and Massachusetts General Hospital
2011	Title: Update on Vitamin D Internal Medicine Review and Update	2 hours preparation/ 45 minutes contact Harvard Medical School and Massachusetts General Hospital
2012	Title: Renal Disease in Pregnancy Nephrology	2 hours preparation/ 60 minutes contact Harvard Medical School and Beth Israel Deaconess Medical Center
2012	Title: Renal Disease in Pregnancy Nephrology	2 hours preparation/ 60 minutes contact Harvard Medical School and Brigham and Women's Hospital
2012	Title: Update on Vitamin D Internal Medicine Review and Update	2 hours preparation/ 45 minutes contact Harvard Medical School and Massachusetts General Hospital

Local Invited Presentations

1996	Cholesterol Embolism, Medical Grand Rounds, Co-Lecturer, Massachusetts General Hospital, Department of Medicine, Boston, MA
1996	Cholesterol Embolism, Medical Grand Rounds, Co-Lecturer, Brigham and Women's Hospital, Department of Medicine, Boston, MA
1997	Risk of Hypertensive Disorders of Pregnancy, Medical Grand Rounds, Co-Lecturer, Massachusetts General Hospital, Department of Medicine, Boston, MA
1999	Hypertensive Disorders of Pregnancy – A Precursor Disorder, Medical Grand Rounds, Lecturer, Massachusetts General Hospital, Department of Medicine, Boston, MA
2000	Androgens, Lipids, and Insulin in Hypertensive Disorders of Pregnancy, Obstetrics Grand Rounds, Lecturer, Massachusetts General Hospital, Department of Obstetrics and Gynecology, Boston, MA
2002	Title: Hypertension and Pregnancy, Principal Discussant, Medical Grand Rounds, Faulkner Hospital, Boston, MA

- 2004 Old Diseases New Insights: Can We Really Change the Course of Renal Disease? Medical Grand Rounds, Lecturer, Massachusetts General Hospital, Department of Medicine, Boston, MA
- 2004 Title: Vitamin D and Dialysis Mortality, Principal Discussant, Renal Grand Rounds, Beth Israel Deaconess Medical, Boston, MA
- 2004 Title: Hypertension During and After Pregnancy, Principal Discussant, Invited Lecture, Obstetrics Grand Rounds, Beth Israel Deaconess Hospital, Boston, MA
- 2011 Title: Translational Studies with Vitamin D in Renal Disease, University of Massachusetts Medical Center, Worcester, MA
- 2012 Title: Translational Studies in CKD-MBD, Renal Grand Rounds, Beth Israel Deaconess Medical Center, Boston, MA
- 2012 Title: From Bench to Bedside: Preeclampsia, University of Massachusetts Medical Center, Worcester, MA
- 2013 Title: Preeclampsia: From Science to Medicine, Massachusetts General Hospital – Brigham and Women’s Hospital joint Renal Grand Rounds
- 2013 Title: Inching Towards a Therapy for Preeclampsia, Principal Discussant, Medical Grand Rounds, Massachusetts General Hospital
- 2014 Title: Vitamin D Deficiency, Principal Discussant, Massachusetts General Hospital Endocrinology Grand Rounds

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

Regional

- 1998 Title: Renal Disease in Pregnancy, Lecturer, Grand Rounds, Renal Unit, University of Massachusetts Medical Center
- 2000 Title: Chronic Renal Insufficiency: A Rising Epidemic? Lecturer, Massachusetts Association of Pharmacists
- 2002 Title: Hypertension During and After Pregnancy: Lost Opportunities, Principal Discussant, Medical Grand Rounds, Metro-West Medical Center, Framingham, MA
- 2002 Title: Update of Chronic Renal Insufficiency: Anemia and CVD, Principal Discussant, Medical Grand Rounds, Melrose-Wakefield Medical Center, MA
- 2002 Title: Hypertension and Pregnancy, Principal Discussant, Renal Grand Rounds, Renal Division, Yale University, New Haven, CT
- 2003 Title: Vitamin D and Dialysis Survival, Principal Discussant, Renal Grand Rounds, Tufts New England Medical Center, Boston, MA
- 2004 Title: Hypertensive Disorders of Pregnancy: From Biology to Clinical Outcomes, Invited Lecture, Renal Grand Rounds, Boston University, Boston, MA
- 2005 Title: Vitamin D and Survival on Dialysis Patients, Principal Discussant, Invited Lecture, Renal Division, Yale University, New Haven, CT
- 2005 Title: Preeclampsia: Biology, Clinical Research, Clinical Practice, Principal Discussant, Invited Lecture, Division of Nephrology, Maine Medical Center, Maine
- 2007 Title: MACS Study and Other Research Endeavors, Primary Discussant, Invited Lecture, BROAD Institute – Metabolism Conference, Massachusetts Institute of Technology
- 2010 Title: Preeclampsia, from Observations and Biology to Trials, Primary Discussant, Invited Lecture, Center for Environmental Health Sciences, Massachusetts Institute of Technology
- 2010 Title: Vitamin D metabolism in Renal Failure, Primary Discussant, Invited Lecture, University of Massachusetts Medical Center Nephrology Rounds, Worcester, MA
- 2011 Title: From Observations to Clinical Trials: A Tale of Two Stories, Primary Discussant, Medical Grand Rounds, University of Massachusetts Medical Center, MA

- 2011 Title: Vitamin D and Mortality in CKD, Invited Lecture, Brown University, Rhode Island Hospital, Renal Rounds, Providence, RI
- 2014 Title: Vitamin D Deficiency: A Global Pandemic? Boston University School of Medicine Endocrinology Grand Rounds, Boston, MA
- 2014 Title: Vitamin D and CVD, Beth Israel Deaconess Hospital Cardiovascular Center Grand Rounds, Boston, MA
- 2014 Title: Preeclampsia: From Science to Medicine, Cardiovascular Grand Rounds, Brigham and Women's Hospital, Boston MA
- 2017 Title: Preeclampsia: From Science to Medicine, Keynote Speaker, Harvard Catalyst Clinical and Translational Science Academy Research Day Graduation, Boston, MA
- 2018 Title: Renal Disease and Pregnancy, Intensive Review of Nephrology, Boston, MA
- 2018 Title: Renal Disease and Pregnancy, Nephrology 2018 Course, Boston, MA
- 2018 Title: Biosimilars – Why Don't We Have More of Them? Frenova Renal Research 2018 Conference, Waltham, MA
- 2019 Title: Renal Disease and Pregnancy, Intensive Review of Nephrology, Boston, MA
- 2021 Title: Research and Education at Mass General Brigham, Dartmouth Research Retreat, Hanover, NH
- 2021 Title: How Did MGB Respond to the Pandemic: A Research Perspective, Medical Exchange Club, Boston, MA
- 2021 Title: Management of Research Finances, Harvard Medical School Advanced Finance Class, Boston, MA
- 2021 Title: Renal Disease in Pregnancy, Brigham and Women's Update in Nephrology Course, Boston, MA

National

- 1999 Title: Hypertensive Disorders of Pregnancy, Lecturer, Medical Grand Rounds, Guam Memorial Hospital
- 1999 Title: Renal Epidemiology of Fabry's Disease, Principal Discussant, Round Table Discussion, Miami, Florida
- 2001 Title: Chronic Renal Insufficiency, Principal Discussant, Lecture, Buffalo Nephrology Society
- 2001 Title: Hypertensive Disorders of Pregnancy: The MOMS cohort, Principal Discussant, Grand Rounds, University of Texas at San Antonio
- 2002 Title: Hypertension in Pregnancy: Why should Nephrologists Care?, Principal Discussant, Renal Grand Rounds, Uniformed Services University of the Health Sciences, Bethesda, MD
- 2002 Title: Chronic Renal Insufficiency: Anemia and CVD, Principal Discussant, Medical Grand Rounds, Uniformed Services University of the Health Sciences, Bethesda, MD
- 2002 Title: Cardiovascular Disease and Anemia in CRI, Principal Discussant, Medical Grand Rounds, University Center Hospital, Rochester, NY
- 2002 Title: Hypertension During and After Pregnancy, Principal Discussant, Renal Grand Rounds, Columbia University, NY
- 2002 Title: Microalbuminuria and Diabetic Nephropathy, Principal Discussant, Lecture, American College of Physicians Annual Meeting, Philadelphia, PA
- 2002 Title: Advances in Management of Chronic Kidney Disease, Principal Discussant, Lecture, Southern Illinois University Nephrology Symposium
- 2002 Title: Hypertension During Pregnancy and Beyond, Principal Discussant, Renal Grand Rounds, University of Alabama, Birmingham
- 2002 Title: Hypertension During and After Pregnancy, Principal Discussant, Lecture, Guam Medical Society, Guam USA
- 2003 Title: Hypertension During Pregnancy and Beyond, Principal Discussant, Medical Grand Rounds, Syracuse University, Syracuse, NY

- 2003 Title: Hypertension During Pregnancy and Beyond, Principal Discussant, Renal Grand Rounds, University of California at San Francisco, San Francisco, CA
- 2003 Title: Chronic Kidney Disease: New Insights, Principal Discussant, Medical Grand Rounds, Erlanger Medical Center, Chattanooga, TN
- 2003 Title: Ethical Issues Arising from Differing Study Designs – Cohort Studies vs. Randomized Trials, Principal Discussant, Invited Lecture, American College of Epidemiology Annual Conference, Chicago, IL
- 2003 Title: Do Patients on Dialysis Need Vitamin D?, Principal Discussant, Renal Grand Rounds, UCLA Medical Center, Los Angeles, CA
- 2003 Title: Vitamin D on Dialysis, Principal Discussant, Renal Grand Rounds, Emory Medical Center, Atlanta, GA
- 2003 Title: Fabry Disease and the Nephrologist, Post Graduate Course: Genetic Diseases That Affect the Kidney, Principal Discussant, American Society of Nephrology Annual Meeting, San Diego, CA
- 2003 Title: Vitamin D and Survival On Dialysis, Vitamin D Symposia, Plenary Lecture, Principal Discussant, American Society of Nephrology Annual Meeting, San Diego, CA
- 2004 Title: Vitamin D and Survival on Dialysis, Principal Discussant, Renal Grand Rounds, Henry Ford Hospital, Detroit, MI
- 2004 Title: Vitamin D and Mortality on Dialysis, Principal Discussant, Renal Grand Rounds, Cleveland Clinic, OH
- 2004 Title: Vitamin D and Mortality on Dialysis, Principal Discussant, Invited Lecture, Conference on Renal Osteodysrophy, UCLA
- 2004 Title: Is Vitamin D Needed During Dialysis, Principal Discussant, Invited Lecture, American Society of Nephrology Regional Meeting, Chicago, IL
- 2004 Title: Widespread Effects of Vitamin D on Dialysis Outcomes, Principal Discussant, Invited Lecture, Mineola Hospital, Mineola, NY
- 2004 Title: Effect of Injectable Vitamin D and Dialysis Outcomes, Principal Discussant, Invited Plenary Lecture, National Kidney Foundation Annual Meeting, Chicago, IL
- 2004 Title: Hypertension During and After Pregnancy: A Focus on Insulin Resistance and Angiogenesis, Principal Discussant, Invited Lecture, Naval Medical Center Medical Grand Rounds, San Diego, CA
- 2004 Title: Do Patients on Dialysis Need Vitamin D for Survival, Principal Discussant, Invited Lecture, Renal Grand Rounds, Duke University Medical Center, Raleigh-Durham, NC
- 2004 Title: Perplexing Issues in Nephrology: Vitamin D Analogues, Principal Discussant, Invited Lecture, National Kidney Foundation Annual Meeting, Chicago, IL
- 2004 Title: Do Patients on Dialysis Need Vitamin D for Survival, Principal Discussant, Invited Plenary Lecture, Renal Care Group Annual Meeting, Dallas, TX
- 2004 Title: Does Vitamin D Alter Dialysis Outcomes?, Principal Discussant, Invited Lecture, Renal Grand Rounds, University of Miami, Miami, FL
- 2004 Title: Vitamin D and Dialysis Mortality: Epidemiology to Biology, Principal Discussant, Invited Lecture, American Society of Nephrology Annual Meeting, Symposium on Vitamin D, St. Louis, MO
- 2004 Title: Hypertensive Disorders of Pregnancy, From Biology to Clinical Disease, Principal Discussant, Invited Lecture, Renal Grand Rounds, University of Virginia Division of Nephrology, Charlottesville, VA
- 2004 Title: Future of a Physician Scientist, Principal Discussant, Invited Lecture, National Institutes of Health Student Clinical Research Day
- 2005 Title: Vitamin D and Survival on Dialysis Patients?, Principal Discussant, Invited Lecture, Advances in End Stage Renal Disease, New Orleans, LA
- 2005 Title: Vitamin D and Survival on Dialysis Patients: What are the data?, Principal Discussant, Invited Lecture, American Society of Nephrology Regional Meeting, Washington, D.C.

- 2005 Title: Has Vitamin D been Overlooked?, Principal Discussant, Invited Lecture, Advances In Renal Disease, University of Missouri, Annual Symposium, Tampa, FL
- 2005 Title: Vitamin D: The Forgotten Hormone, Principal Discussant, Invited Lecture, Division of Nephrology, Medical University of South Carolina, Charleston, SC
- 2005 Title: Vitamin D Hormone: Survival on Hemodialysis, Principal Discussant, Invited Lecture, National Kidney Foundation Annual Meeting, Washington, D.C.
- 2005 Title: Research Use of Databases: Pros and Cons, Principal Discussant, Invited Lecture, National Kidney Foundation Annual Meeting, Washington, D.C.
- 2005 Title: Preeclampsia: From Biology to Clinical Medicine, Principal Discussant, Invited Lecture, Lankenau Hospital Medical Grand Rounds, PA
- 2005 Title: Vitamin D and Survival, Principal Discussant, Visiting Professor and Invited Lecture, Vanderbilt University, TN
- 2005 Title: Preeclampsia: Biology and Clinical Medicine, Visiting Professor and Invited Lecture, Vanderbilt University, TN
- 2005 Title: Vitamin D and Non Mineral Effects, Principal Discussant, Visiting Professor and Invited Lecture, University of Wisconsin at Madison, WI, Renal Grand Rounds
- 2005 Title: Cohort Studies, Co-Director and Lecturer, American Society of Nephrology Post Graduate Course, Philadelphia, PA
- 2005 Title: Vitamin D and Renal Disease, Principal Discussant, Visiting Professor and Invited Lecture, George Washington University, D.C., Renal Grand Rounds
- 2006 Title: Mortality on Dialysis: The Role of Vitamin D, Principal Discussant, Invited Lecture, University of California, Los Angeles, CA, Renal Grand Rounds
- 2006 Title: Vitamin D and Hemodialysis Survival, One of six discussants, Invited Lecture, American Society of Bone and Mineral Research, Philadelphia, PA
- 2006 Title: Vitamin D as a Survival Factor, One of four discussants, Invited Lecture, American Society of Nephrology, San Diego, CA
- 2006 Title: Vitamin D in Kidney Failure: History Repeats Itself, Primary Discussant, Invited Lecture, Center for Clinical Epidemiology and Biostatistics, University Pennsylvania School of Medicine, PA
- 2006 Title: Vitamin D in Kidney Failure, Primary Discussant, Invited Lecture, University Miami School of Medicine, FL
- 2007 Title: Vitamin D and Cardiovascular Disease, Primary Discussant, Invited Lecture, University of California, Los Angeles, CA
- 2007 Title: Vitamin D in Renal Failure: An example of Reverse Translation, Primary Discussant, Visiting Professor and Invited Lecture, Medical Grand Rounds, Ohio State University Medical Center, OH
- 2007 Title: Inflammation and Insulin Resistance: Novel Risk factors for Gestational Diabetes? Primary Discussant, Invited Lecture, American Diabetes Association, Chicago, IL
- 2007 Title: Proteomics Based Diagnostics and Sample Collection, Co-Discussant, Invited Lecture, National Institutes of Health, Bethesda, MD
- 2007 Title: Vitamin D and Renal Failure: An Example of Reverse Translation, Primary Discussant, Visiting Professor and Invited Lecture, Medical College of Wisconsin Nephrology Division, Milwaukee, WI
- 2007 Title: Vitamin D and Renal Failure: An Example of Reverse Translation, Primary Discussant, Visiting Professor and Invited Lecture, Vanderbilt University Nephrology Division, Nashville, TN
- 2007 Title: Vitamin D and Chronic Kidney Disease Mortality, Primary Discussant, Invited Lecture, University of Kansas Kidney Institute, Kansas City, MO
- 2007 Title: Vitamin D and CVD Mortality, Primary Discussant, Invited Lecture, American Society of Nephrology Annual Meeting
- 2007 Title: Observations, Biology, and Trials: Vitamin D and CKD, Primary Discussant, Visiting Professor, University of Pennsylvania Dept of Nephrology

- 2008 Title: Cardiac Hypertrophy: Planning Clinical Trials, Primary Discussant, Host Symposium and Lecturer, Vitamin D and CVD NHLBI sponsored Symposium, Boston, MA
- 2008 Title: Vitamin D and Cardiac Disease, Primary Discussant, Invited Lecture and Co-Director, UCLA Renal Osteodystrophy Symposium.
- 2008 Title: Observations, Biology, and Trials: Vitamin D and CKD, Primary Discussant, Visiting Professor and Invited Lecture, University of Utah Dept of Nephrology
- 2008 Title: Mechanisms of CVD and Vitamin D Effects, Primary Discussant, Invited Lecture, National Kidney Foundation Annual Meeting, Dallas, TX
- 2008 Title: Malnutrition, Inflammation, and CKD, Primary Discussant, Invited Lecture, National Kidney Foundation Annual Meeting, Dallas, TX
- 2008 Title: Vitamin D and CKD: Observations, Biology, and Trials, Primary Discussant, Visiting Professor and Invited Lecture, University of Chicago Nephrology Division
- 2008 Title: Vitamin D and CKD: PTH and Beyond, Primary Discussant, Invited Lecture, American Society of Nephrology Annual Meeting, Philadelphia, PA
- 2008 Title: Surrogate Outcomes in Clinical Trials, Primary Discussant, Invited Lecture, American Society of Nephrology Annual Meeting, Philadelphia, PA
- 2008 Title: Cardio-Renal Syndromes: The Role of Vitamin D, Primary Discussant, Invited Lecture, American Heart Association Annual Meeting, New Orleans, LA
- 2009 Title: Plasma Gelsolin and Hemodialysis Outcomes, Primary Discussant, Invited Lecture, American Epidemiology Society Annual Meeting, Seattle, WA
- 2009 Title: Vitamin D in CKD: From Observations to Trials, Primary Discussant, Invited Lecture, University of Texas Southwestern Medical Center, Dallas, TX
- 2009 Title: From A to Z with (Vitamin) D: Lessons in Nephrology, Primary Discussant, Donald Fraley Lecture, University of Pittsburgh Medical Grand Rounds, Pittsburgh, PA
- 2009 Title: LVH in Renal Disease: The Role of Vitamin D, Primary Discussant, Invited Lecture, American Heart Association Annual Meeting, Orlando, FL
- 2010 Title: Adaptive Designs in Clinical Trials, Primary Discussant, Invited Lecture, American Society of Nephrology Annual Meeting, Denver, CO
- 2010 Title: Vitamin D, Primary Discussant, Invited Lecture, American Society of Nephrology Annual Meeting, Denver, CO
- 2010 Title: Vitamin D and Vascular Disease, Primary Discussant, Invited Lecture, American Heart Association Annual Meeting, Chicago, IL
- 2011 Title: Vitamin D, Cardiovascular Disease, and Kidney Disease, Primary Discussant, Medical Grand Rounds, UC San Diego Department of Medicine, San Diego, CA
- 2011 Title: An Update on Clinical Trials with Vitamin D, Invited Lecture, American Society of Nephrology Annual Meeting, Philadelphia, PA
- 2011 Title: Vitamin D and Cardiac Structure, Function, and CV Events, American Society of Nephrology Annual Meeting Late Breaking Clinical Trials, Philadelphia, PA
- 2012 Title: Translational Studies in Kidney Disease: A Tale of 2, Primary Discussant, Invited Lecture, University of Miami Renal Grand Rounds, Miami, FL
- 2012 Title: An update on Preeclampsia, Invited Lecture, Penn Symposium on Heart Disease in Pregnancy, Philadelphia
- 2012 Title: Cardiovascular Disease in Kidney Disease, Invited Lecture, National Kidney Foundation Annual Meeting, Washington, DC
- 2012 Title: Translational Studies in CKD-MBD, Plenary Lecture, National Kidney Foundation Annual Meeting, Washington, DC
- 2012 Title: Vitamin D Sterols, Hypertension and Renal Disease, Plenary Session, American Society of Hypertension, New York, NY
- 2012 Title: The PRIMO Study: Update, Primary Discussant, American Society of Nephrology Annual Meeting 2012, San Diego, CA
- 2012 Title: Vitamin D: Friend, Foe, or Innocent Bystander? St. Louis National Kidney Foundation Annual Lecture, St. Louis, MO

- 2012 Title: Preeclampsia: A Nephrologist's Perspective on Diagnosis and Management, Medical Grand Rounds, Washington University of St Louis Department of Medicine, St. Louis, MO
- 2012 Title: Preeclampsia: From The Bench to the (Nephrology) Clinic, Medical Grand Rounds, Scott&White Healthcare Texas A&M Health Science Center College of Medicine, Temple, TX
- 2012 Title: Vitamin D: Shedding Light on the Data, Medical Grand Rounds, Loyola University Medical Center, Chicago, IL
- 2012 Title: Vitamin D Sterols and Cardiac Structure and Function, American Society of Bone and Mineral Research Annual Meeting, Invited Lecture, Minneapolis, MN
- 2013 Title: Vitamin D and Hypertension, Vitamin D Workshop Annual Meeting, San Francisco, CA
- 2013 Title: Vitamin D Deficiency: A True Pandemic? Renal Grand Rounds Kansas University Medical Center, Kansas, MO
- 2013 Title: Preeclampsia: From Science to Medicine, Medical Grand Rounds, North Shore LIJ Health System in Great Neck, NY
- 2013 Title: Prevention of Complications of Preeclampsia, American Society of Nephrology 2013 Nephrorevention Post Graduate Course, Atlanta, GA
- 2014 Title: Vitamin D Deficiency: A Global Crisis? Medical Grand Rounds George Washington University, Washington DC
- 2014 Title: Vitamin D Deficiency: A Global Pandemic? University of Mississippi Medical Grand Rounds, Jackson, MS
- 2014 Title: Vitamin D in Renal Disease, Nephrology Grand Rounds, UC Irvine Medical Center, Los Angeles, CA
- 2014 Title: Vitamin D Deficiency: A Global Pandemic?, Nephrology Grand Rounds, Cedars-Sinai Medical Center, Los Angeles, CA
- 2014 Title: Preeclampsia: From Science To Medicine, Medicine Grand Rounds, Ronald Reagan UCLA Medical Center, Los Angeles, CA
- 2014 Title: Does Vitamin D Deficiency Exist? Renal Grand Rounds, Northwestern University Division of Nephrology, Chicago, IL
- 2014 Title: Preeclampsia Therapies, Internal Society of Hypertension in Pregnancy Biannual Meeting, New Orleans, LA
- 2015 Title: Vitamin D Deficiency: Fact or Fiction, Renal Grand Rounds, Yale School of Medicine, New Haven, CT
- 2015 Title: Vitamin D Deficiency, Miami Pediatric Nephrology Seminar, University of Miami School of Medicine, Miami, FL
- 2015 Title: Biosimilars Coming Soon. Fresenius Medical Care Annual Directors' Meeting, Orlando, FL
- 2015 Title: Preeclampsia: From Science to Medicine, Rutgers University School of Medicine Medical Grand Rounds, Rutgers, NJ
- 2015 Title: Vitamin D Deficiency: Fact or Fiction, Framingham Heart Study Weekly Seminar, Framingham, MA
- 2015 Title: Adaptive Trial Design for AKI Interventional Studies, The Robert W. Schrier, MD, Endowed Lectureship, Principal Discussant, American Society of Nephrology Annual Meeting 2015, San Diego, CA
- 2015 Title: The Challenge of Controlling Phosphorous in CKD Patients, Principal Discussant, American Society of Nephrology Annual Meeting 2015, San Diego, CA
- 2015 Title: Early Experience with Targeted Apheresis in Preeclampsia, Principal Discussant, American Society of Nephrology Annual Meeting 2015, San Diego, CA
- 2016 Title: Preeclampsia: From Science to Medicine, New York University Langone Medical Center Medical Grand Rounds, New York, NY

- 2016 Title: My Journey with Vitamin D, Scientific Symposium for Dr. Eduardo Slatopolsky, Washington University of St Louis, St. Louis, MO
- 2016 Title: Preeclampsia: From Science to Medicine, Irene Tamagna Lecture in Hypertension, George Washington University Department of Medicine Grand Rounds, Washington, DC
- 2016 Title: Vitamin D Fact or Fiction, Renal Grand Rounds, University of Chicago Pritzker School of Medicine, Chicago, IL
- 2017 Title: Preeclampsia: From Science to Medicine, Medical Grand Rounds, University of Chicago Pritzker School of Medicine, Chicago, IL
- 2017 Title: Preeclampsia: Pathogenesis and Plasmapheresis, Essentials and Advances in Apheresis Therapies, University of San Diego, San Diego, CA
- 2017 Title: Preeclampsia: from Science to Medicine, Renal Grand Rounds, Columbia University, NY, NY
- 2017 Title: Preeclampsia: Pathophysiology and Novel Therapeutic Options, The 22nd International Conference On Advances in Critical Care Nephrology, San Diego, CA
- 2017 Title: Preeclampsia: From Science to Medicine, Renal Grand Rounds, Icahn School of Medicine at Mount Sinai, NY, NY
- 2018 Title: Pregnancy, CKD, HTN, and Preeclampsia, Grand Rounds, University of California, Irvine, CA
- 2018 Title: Program Overview / Treatment of SHPT: Can We Avoid Therapeutic Compromises? National Kidney Foundation Clinical Meeting, Austin, TX.
- 2018 Title: Fabry Disease for Nephrologists: From Suspicion to Treatment, American Society of Nephrology Symposium, San Diego, CA
- 2018 Title: State of the Art Lecture: Kidney Disease Associated with Pregnancy, The Columbia Renal Biopsy Course, NY, NY
- 2019 Title: Pregnancy and Kidney Disease, Renal Grand Rounds, Harbor-UCLA Nephrology, Torrance, CA
- 2019 Title: Pregnancy and the Kidney, Renal Grand Rounds, University of California, Los Angeles, CA
- 2019 Title: Preeclampsia: Obstetric Problem, Nephrology Solution, Medical Office Live, San Diego, CA
- 2019 Title: Roundtable: is it time to revise the categorization of kidney disease? 21st International Conference on Dialysis-Advances in Kidney Disease, New Orleans, LA
- 2019 Title: Preeclampsia, Katz Family Division of Nephrology & Hypertension Grand Rounds, University of Miami Health System, Miami, FL
- 2022 Title: Preeclampsia: Translation, Trials, and Tribulations, Obrien Center Medicine Grand Rounds, University of Texas Southwestern Medical Center, Dallas, TX

International

- 2000 Title: Androgens, Lipids, and Insulin: Risk factors for hypertensive disorders of pregnancy, Principal Discussant, Medical Grand Rounds, Hinduja Hospital, Mumbai, India
- 2001 Title: Genetic Causes of Renal Failure, Principal Discussant, Medical Grand Rounds, Hospital de Clínicas de Porto Alegre, Brazil
- 2001 Title: Genetic Causes of Renal Failure, Principal Discussant, Medical Grand Rounds, Pontifica Universidad Catolica, Argentina
- 2001 Title: Genetic Causes of Renal Disease, Principal Discussant, Grand Rounds, University of Toronto Department of Nephrology
- 2001 Title: Hypertension During and After Pregnancy: The Importance of Follow-up, Principal Discussant, Medical Grand Rounds, Escuela de Medicina, Universidad Panamericana, Mexico City
- 2002 Title: Renal Manifestations of Anderson-Fabry Disease, Principal Discussant, Medical Grand Rounds, Cambridge University, United Kingdom
- 2002 Title: Renal Pathology of Fabry Disease, Principal Discussant, Lecture, Portuguese Society of Nephrology Congress, Lisbon

- 2002 Title: The Kidney in Fabry Disease, Principal Discussant, Lecture, European Congress of Nephrology, Copenhagen
- 2003 Title: New insights Chronic Kidney Disease, Principal Discussant, Invited Plenary Lecture, Korean Society of Nephrology, Seoul, Korea
- 2003 Title: Hypertension During and After Pregnancy, Principal Discussant, Invited Lecture, Korean Society of Nephrology, Seoul, Korea
- 2004 Title: Does Vitamin D Alter Survival on Dialysis?, Principal Discussant, Invited Lecture, Renal Research Institute Symposia, San Juan, Puerto Rico
- 2004 Title: Vitamin D and Survival On Dialysis, Principal Discussant, Invited Lecture, European Dialysis-Transplant Association National Meeting, Lisbon Portugal
- 2004 Title: Vitamin D and Dialysis Mortality: A new look at an old friend, Principal Discussant, Invited Lecture, Greek Society of Nephrology Plenary Lecture
- 2004 Title: Is Vitamin D Necessary for Dialysis Patients?, Principal Discussant, Invited Lecture, Spanish Society of Nephrology Symposia Lecture, Tenerife, Spain
- 2005 Title: Vitamin D and Survival on Hemodialysis, Principal Discussant, Invited Lecture, Argentine Society of Nephrology, Buenos Aires, Argentina
- 2005 Title: Vitamin D: Beyond Mineral Metabolism and Onto Survival, Principal Discussant, Invited Lecture, European Dialysis and Transplant Association Annual Meeting, Istanbul, Turkey
- 2005 Title: Vitamin D in Nephrology, Principal Discussant, Invited Lecture, World Congress of Nephrology Annual Meeting, Singapore
- 2005 Title: Vitamin D and Hemodialysis Survival, Principal Discussant, Invited Lecture, Reina Sofia Hospital Renal Grand Rounds, Cordoba, Spain
- 2005 Title: Is Vitamin D Needed on Dialysis?, Principal Discussant, Invited Lecture, German Federation of Nephrology, Frankfurt, Germany
- 2006 Title: Vitamin D and Hemodialysis Survival, Primary Discussant, Invited Lecture, Vitamin D Workshop International Meeting, Victoria B.C.
- 2006 Title: Vitamin D and Survival: Mechanisms Explaining a Potential Survival Benefit, One of three discussants, Invited Lecture, European Renal Association Annual Meeting, Glasgow, UK
- 2006 Title: Vitamin D and Activation of the VDR, One of three discussants, Invited Lecture, German Society of Nephrology, Essen, Germany
- 2007 Title: Activated Vitamin D and Survival: Reverse Translation, Primary Discussant, Invited Lecture, International Meeting on Vitamin D, Barcelona, Spain
- 2007 Title: Activated Vitamin D and Hemodialysis Survival: Fact or Fiction?, Principal Discussant, Invited Lecture, Japanese Society of Dialysis and Transplantation, Osaka, Japan
- 2007 Title: Vitamin D and Survival: Examination of Hard Endpoints, Primary Discussant, Invited Lecture, European Renal Association Annual Meeting, Barcelona, Spain
- 2007 Title: Vitamin D and Renal Failure: CVD and Mortality, Primary Discussant, Invited Lecture, German Society of Nephrology, Munich, Germany
- 2008 Title: Scientific Rationale for a Trial on Vitamin D and CVD, Primary Discussant, Invited Lecture, Barcelona PRIMO Investigators Meeting, Spain
- 2008 Title: Observations, Biology, and Trials: Vitamin D and CKD, Primary Discussant, Visiting Professor and Invited Lecture, Korean Society of Nephrology
- 2008 Title: Vitamin D and Renal Disease, Primary Discussant, Invited Lecture and Visiting Professor, Toronto City-Wide Renal Rounds, Canada
- 2008 Title: Do Renal Patients need 25D, 1,25D, or both?, Primary Discussant, Invited Lecture, European Renal Association Annual Meeting, Stockholm, Sweden
- 2008 Title: Vitamin D and CKD: Observations, Biology, and Trials, Primary Discussant, Invited Lecture, British Renal Society, Glasgow, Scotland

- 2009 Title: The Role of Vitamin D in CKD, Primary Discussant, Invited Lecture, Bone Disease in CKD, Berlin, Germany
- 2009 Title: Vitamin D in CKD, Primary Discussant, Invited Lecture, Necker Hospital Annual Meeting, Paris, France
- 2009 Title: Vitamin D in Kidney Disease, Primary Discussant, Invited Lecture, World Congress of Nephrology, Milan, Italy
- 2009 Title: The Vitamin D Saga and Klotho: From Bench to Bedside, Primary Discussant, Monasterio Lecture, Italian Society of Nephrology Annual Meeting, Bologna, Italy
- 2009 Title: Hypertension in Pregnancy, Primary Discussant, Invited Lecture, Panamerican Society of Nephrology, Panama City, Panama
- 2009 Title: Vitamin D, LVH, and the Renin Angiotensin System, Primary Discussant, Invited Lecture, Berlin Dialysis Meeting, Berlin, Germany
- 2010 Title: Activated Vitamin D: Hormone? Drug? Life Saver? Primary Discussant, Invited Lecture, Nephrology at the Limits, Capetown, South Africa
- 2010 Title: Cardio-Renal Syndrome Meet the Professor Round Table, Primary Discussant, Invited Lecture, International Society of Nephrology NEXUS meeting, Kyoto, Japan
- 2010 Title: Vitamin D Activation and Left Ventricular Hypertrophy, Primary Discussant, Invited Lecture, European Renal Association Annual Meeting, Munich, Germany
- 2010 Title: Vitamin D and Phosphorus, Primary Discussant, Invited Lecture, KDIGO Cardiovascular Disease in CKD, London, England
- 2010 Title: Vitamin D Activation and Cardiovascular Disease, Primary Discussant, Invited Lecture, Israeli Society of Nephrology and Hypertension, Jerusalem, Israel
- 2011 Title: Vitamin D and Renal Disease, Primary Discussant, Priscilla Kinkaid Visiting Professor Lecture, Royal Melbourne Hospital, Australia
- 2011 Title: What we know and don't know about Vitamin D, Primary Discussant, Priscilla Kinkaid Visiting Professor Lecture, Royal Melbourne Hospital, Australia
- 2011 Title: Vitamin D: More than just calcium metabolism, Primary Discussant, World Congress of Nephrology, Vancouver, Canada
- 2011 Title: The PRIMO Trial, Primary Discussant, European Society of Dialysis and Transplantation, Prague, Czech Republic
- 2011 Title: Updated Results from Trials with Vitamin D, Primary Discussant, United Kingdom Renal Association, Birmingham, England
- 2011 Title: Cardiovascular Disease in Kidney Disease, Primary Discussant, St. George's Hospital, London, England
- 2011 Title: Preeclampsia: Are we closer to a therapy?, Medical Grand Rounds, St. George's Hospital, London, England
- 2011 Title: Randomized Trials in Vitamin D in Kidney Disease, International Society of Nephrology Update Course, Dubai, UAE
- 2011 Title: Preeclampsia: Novel Diagnostics and Therapies, Mexican Institute of Renal Research, Plenary Speaker for the 2011 Annual Meeting, Acapulco, Mexico
- 2011 Title: Vitamin D in Renal Disease: Observations To Trials, Mexican Institute of Renal Research, Plenary Speaker for the 2011 Annual Meeting, Acapulco, Mexico
- 2011 Title: Diagnosis and Treatment of Preeclampsia, Japanese Placental Society, Tokyo, Japan
- 2012 Title: Vitamin D and Kidney Disease: Update, International Society of Nephrology Nexus Symposium on Bone and the Kidney, Copenhagen, Denmark
- 2012 Title: Mineral and Bone Disease: The Next Era of Translational Studies in CKD, Annual Clinical Insights Meeting, Sydney, Australia
- 2012 Title: Kidney Disease in Pregnancy, APEX Kidney Foundation Annual Meeting, Plenary Speaker, Mumbai, India
- 2012 Title: Translational Studies in Kidney Disease, Invited Lecture, Primary Discussant, Chonbuk National University, Gwangju, Korea

- 2012 Title: Vitamin D and Renal Disease: Update of the PRIMO Study, Invited Lecture, Primary Discussant, European Renal Association Annual Meeting, Paris, France
- 2012 Title: Translational Studies in CKD MBD, Invited Lecture, Primary Discussant, University of Toronto Renal Grand Rounds, Toronto, Canada
- 2012 Title: Therapies in Preeclampsia: From Relaxin to Extracorporeal Removal, Plenary Speaker, International Society of the Study of Hypertension in Pregnancy 2012, Geneva, Switzerland
- 2012 Title: Translational Studies in CKD-MBD, Plenary Speaker, Biocon Symposium 2012, Bangalore, India
- 2013 Title: Translational Studies in CKD-MBD, Plenary Speaker, Aruba 2nd Annual Nephrology Congress, Aruba
- 2013 Title: Preeclampsia: Bench to Bedside, Plenary Speaker, Aruba 2nd Annual Nephrology Congress, Aruba
- 2013 Title: Preeclampsia: Diagnostics and Therapeutics, Annual Preeclampsia meeting, Linz, Austria
- 2013 Title: Vitamin D in Medicine, APEX Kidney Foundation Annual Meeting, Plenary Speaker, Mumbai, India
- 2013 Title: Vitamin D and Renal Fibrosis, World Congress of Nephrology Satellite Meeting, Guangzhou, China
- 2013 Title: Vitamin D and Cardiovascular Disease, Japanese Society of Dialysis Therapy, Fukuoka, Japan
- 2013 Title: Vitamin D Deficiency: Pandemic or Not? Plenary Speaker and KS Chugh Oration, Indian Society of Nephrology, Delhi, India
- 2014 Title: Preeclampsia: Science to Medicine, Principal Discussant, Society of Gynecological Investigation Annual Meeting, Florence, Italy
- 2014 Title: Vitamin D Deficiency, APEX annual meeting, Mumbai, India
- 2014 Title: Pilot Study in Preeclampsia, Principal Discussant, SEHTAG (Société d'Etude de l'Hypertension au cours de la grossesse) and SFMP (Société Française de Médecine Périnatale), Lyon, France
- 2014 Title: Vitamin D in CKD, Principal Discussant, Shanghai East Hospital Meeting on CKD, Shanghai, China
- 2015 Title: Pathogenesis of Preeclampsia, Principal Discussant, World Congress of Nephrology, Cape Town, South Africa
- 2015 Title: Parenteral Nutrition in ESRD, APEX Annual Nephrology Review Course, Mumbai, India
- 2015 Title: Management of Lupus Nephritis, APEX Annual Nephrology Review Course, Mumbai, India
- 2015 Title: Angiogenic Factors in Preeclampsia Cardiovascular Disease, Plenary Speaker, Japanese Society of Hypertension, Matsuyama, Japan
- 2015 Title: Kidney Disease in Pregnancy, Renal Grand Rounds, Peking Union Medical College, Beijing, China
- 2016 Title: Preeclampsia: Team Approach to Developing a Therapy, Keynote Speaker, The Calouste Gulbenkian Foundation, Lisbon, Portugal
- 2016 Title: HUS/TTP in Pregnancy, Keynote Speaker, Second Qatar Nephrology Conference, Doha, Qatar
- 2016 Title: Management of a Pregnant Patient with CKD, Keynote Speaker, Second Qatar Nephrology Conference, Doha, Qatar
- 2016 Title: Pre-eclampsia – New Insights into Pathophysiology and Treatment, Keynote Speaker, Royal Society of Medicine, London, England
- 2016 Title: Vitamin D Deficiency in Kidney Disease, Keynote Speaker, 2nd Annual Nephrology Forum, Peking University Medical College Hospital, Beijing, China

- 2016 Title: Plasmapheresis in Therapy for Preeclampsia, Keynote Speaker, 2nd Annual Nephrology Forum, Peking University Medical College Hospital, Beijing, China
- 2016 Title: Pre-eclampsia: From Science to Medicine, Plenary Speaker, Asian Pacific Congress of Nephrology, Perth, Australia
- 2016 Title: Pregnancy and Kidney Disease: A Review, Nephrology Update Course, Asian Pacific Congress of Nephrology, Perth, Australia
- 2016 Title: Vitamin D: The More we Know, the Less we Know, Nephrology Update Course, Asian Pacific Congress of Nephrology, Perth, Australia
- 2016 Title: Potential Therapeutics in Pre-Eclampsia, Keynote Speaker, IMSANZ and SOMANZ Annual Scientific Meeting, Alice Springs, Australia
- 2016 Title: Pre-Eclampsia Panel Discussion, Principal Discussant, IMSANZ and SOMANZ Annual Scientific Meeting, Alice Springs, Australia
- 2016 Title: Recent Development of Vitamin D Insufficiency, Keynote Speaker, ISPNCON 2016, 28th Annual Conference of Indian Society of Pediatric Nephrology, Odisha, India
- 2016 Title: Shifting Paradigm in Kidney Care: Protocol-Based Care in the Era of P4 Medicine, Keynote Speaker, ISPNCON 2016, 28th Annual Conference of Indian Society of Pediatric Nephrology, Odisha, India
- 2016 Title: Vitamin D and Cardiovascular Interplay in CKD, Keynote Speaker, ISNCON 2016, 47th Annual Conference of Indian Society of Nephrology, Mumbai, India
- 2016 Title: Pregnancy in Chronic Kidney Disease, Plenary Speaker, ISNCON 2016, 47th Annual Conference of Indian Society of Nephrology, Mumbai, India
- 2017 Title: Can we prevent cardiovascular disease by improving obstetric care? Asia Pacific Cardiorenal Forum, Guangzhou, China
- 2017 Title: Bone Metabolism and Cardiovascular Disease, Asia Pacific Cardiorenal Forum, Guangzhou, China
- 2017 Title: Pre-eclampsia from Science to Medicine, Keynote Speaker, Poriyah Medical Center, Haifa, Israel
- 2017 Title: Pre-eclampsia: An Example of Translational Medicine, Grand Rounds, Department of Nephrology, Rambam Hospital, Haifa, Israel
- 2017 Title: Big Data and Pre-eclampsia Diagnostics and Therapeutics, The 10th Sino-US Symposium on Medicine in the 21st Century and The Academic Forum for the 110th Anniversary of the 1907 Founding of Ruijin Hospital, Shanghai, China
- 2018 Title: Active Vitamin D and CVD, Keynote Speaker, ISN Frontiers, Tokyo, Japan
- 2018 Title: A 24yr woman with Hypertension is contemplating pregnancy. A nephrologist's viewpoint and advice, Speaker, ApEx-MGH 2018, Mumbai, India
- 2018 Title: Update on Vitamin D deficiency. Does it really exist? Speaker, ApEx-MGH 2018, Mumbai, India
- 2018 Title: A 50yr old gentleman on dialysis has IHD. Now what? Speaker, ApEx-MGH 2018, Mumbai, India
- 2018 Title: Angiogenic factors and novel therapies for preeclampsia, Speaker, Serbian Biomarker Symposium (SERBIS), Belgrade, Serbia
- 2018 Title: MGH-PUMCH Nephrology Forum, Speaker, Beijing, China
- 2018 Title: Parallel 3-PreEclampsia; All the way towards prediction and prevention, Curing Preeclampsia, Speaker, St. Petersburg, Russia
- 2018 Title: Translational research in preeclampsia: maternal and transgenerational effects. ISSHP Meeting, Plenary Speaker, Amsterdam, Netherlands
- 2019 Title: Vitamin D – Panacea or Much Ado About Nothing! Speaker, 21st Annual Cardiology, Diabetes & Nephrology at the Limits, London, UK
- 2019 Title: Update on Management of Diabetic Nephropathy. Speaker, ApEx-Cedars Nephrology Review Course, Mumbai, India
- 2019 Title: APOL1 and Kidney Disease. Speaker, ApEx-Cedars Nephrology Review Course, Mumbai, India

2019	Title: Update on Preeclampsia. Speaker, The 5 TH PUMCH-MGH Nephrology Forum, Beijing, China
2019	Title: APOL-1 and Kidney Disease. Speaker, The 5 TH PUMCH-MGH Nephrology Forum, Beijing, China
2019	Title: CKD and Pregnancy. Speaker, The 5 TH PUMCH-MGH Nephrology Forum, Beijing, China
2022	Title: Novel Therapies in Preeclampsia, 19 th World Congress In Fetal Medicine, Crete, Greece

Report of Clinical Activities and Innovations

Current Licensure and Certification

1994	Diplomat, American Board of Internal Medicine
1995	Massachusetts Medical License Reg. No. 81439
1997	Diplomat, American Board of Nephrology
2007	Diplomat, American Board of Nephrology (2017)
2017	California Medical License Reg. No. G 153190

Practice Activities

1997-2002	Renal Attending	Outpatient Renal Clinic Revere at Massachusetts General Hospital	One half day/week
1997-	Renal Attending	Renal Consult Service	2-4 weeks/year

Report of Technological and Other Scientific Innovations

Patent	60/505,707 Screening for Gestational Disorders (Angiogenic Factors and Insulin Resistance) Issued, Licensed
Patent	60/495,501 Screening for Gestational Disorders (Cytokines) Issued
Patent	60/735,978 Predicting Diabetic Nephropathy Filed
Patent	WO07001969A1 Vitamin D Deficiency and Dialysis Filed
Patent	Provisional, Soluble EpoR and Epo Resistance: Diagnostics and Therapeutics
Patent	Provisional, Bioavailable Vitamin D and Clinical Outcomes
Patent	Submitted, Carbamylated Albumin and Dialysis Mortality
Patent	Submitted, Novel Compound with Vitamin D activity

Report of Scholarship

Peer reviewed publications in print or other media

Research Investigations

1. Lee AH, Chin AE, Ramanujam T, **Thadhani R**, Callegari PE, Freundlich B. Gonococcal septic arthritis of the hip. J Rheum 1991;18:1932-3.

2. Hsu SI, **Thadhani R**, Daniels GH. Acute compartment syndrome in a hypothyroid patient. Thyroid 1995;5:305-8.
3. **Thadhani R**, Camargo CA, Xavier RJ, Fang LS, Bazari H. Atheroembolic renal failure after invasive procedures: Natural history based on 52 histologically-proven cases. Medicine 1995;74:350-8.
4. **Thadhani R**, Pascual M, Nickleit V, Tolckoff-Rubin N, Colvin R. Preliminary description of focal segmental glomerulosclerosis in patients with renovascular disease. Lancet 1996;347:231-3.
5. Pascual M, **Thadhani R**, Chung R, Williams WW, Meehan S, Tolckoff-Rubin N, Colvin R, Cosimi AB. Nephrotic syndrome after liver transplantation in a patient with hepatitis C virus-associated glomerulonephritis. Transplantation 1997;64:1073-6.
6. Pascual M, **Thadhani R**, Laposata M, Williams WW, Farell ML, Johnson S, Tolckoff-Rubin N, Cosimi AB. Anticardiolipin antibodies and hepatic artery thrombosis after liver transplantation. Transplantation 1997;64:1361-4.
7. Thomas MK, Lloyd-Jones DM, **Thadhani R**, Shaw AC, Deraska DJ, Kitch BT, Vamvakas EC, Dick IM, Prince RL, Finkelstein JS. Hypovitaminosis D in medical inpatients. N Engl J Med 1998;338:777-83.
8. Vonderheide RH, **Thadhani R**, Kuter DJ. Association of thrombocytopenia with the use of intra-aortic balloon pumps. Am J Med 1998;105:27-32.
9. **Thadhani R**, Stampfer MJ, Willett WC, Solomon CG, Curhan GC. High body mass index and hypercholesterolemia: Risk of hypertensive disorders of pregnancy. Obstet Gynecol 1999;94:543-50.
10. **Thadhani R**, Stampfer MJ, Chasan-Taber L, Willett WC, Curhan GC. A prospective study of pre-gravid oral contraceptive use and risk of hypertensive disorders of pregnancy. Contraception 1999;60:145-50.
11. **Thadhani R**, Ecker JL, Kettyle E, Sandler L, Frigoletto, FD. Pulse pressure and risk of preeclampsia: A prospective study. Obstet Gynecol 2001;97:515-20.
12. Wolf M, Kettyle E, Sandler L, Ecker JL, Roberts JM, **Thadhani R**. First trimester C-reactive protein and subsequent risk of preeclampsia. Obstet Gynecol 2001;98:757-62.
13. **Thadhani R**, Wolf M, West ML, Tonelli M, Ruthazer R, Pastores GM, Obrador GT. Patients with Fabry disease on dialysis in the United States. Kidney Int 2002;61:249-55.
14. **Thadhani R**, Camargo CA Jr, Willett WC, Stampfer, MJ, Rimm EB. Prospective study of moderate alcohol consumption and risk of hypertension in young women. Arch Intern Med 2002;162:569-74.
15. Wolf M, Sandler L, Muñoz K, Hsu K, Ecker JL, **Thadhani R**. First-trimester insulin resistance and subsequent preeclampsia: A prospective study. J Clin Endocrinol Metab 2002;87:1563-8.
16. Han W, Bailly V, Abichandani R, **Thadhani R**, Bonventre JV. Kidney injury molecule-1 (KIM-1): A novel biomarker for human renal proximal tubule injury. Kidney Int 2002;62:237-44.
17. Wolf M, Sandler L, Jimenez-Kimble R, Shah A, Ecker J, **Thadhani R**. Insulin resistance but not inflammation is associated with gestational hypertension. Hypertension 2002;40:886-91.

18. Wolf M, Sandler L, Smirnakas K, Hsu K, Ecker JL, **Thadhani R**. First trimester C-reactive protein and subsequent gestational diabetes. *Diabetes Care* 2003;26:819-24.
19. Teng M, Wolf M, Lowrie E, Ofsthun N, Lazarus JM, **Thadhani R**. Survival of patients undergoing hemodialysis with paricalcitol or calcitriol therapy. *N Engl J Med* 2003;349:446-56.
20. **Thadhani R**, Wolf M, Hsu-Blatman K, Sandler L, Nathan DM, Ecker JL. First trimester sex hormone binding globulin and subsequent gestational diabetes mellitus. *Am J Obstet Gyn* 2003;189:171-6.
21. Tong A, Roudaut R, Ozkan M, Sagie A, Shahid MS, Pontes S, Carreras F, Girard, Arnaout S, Stainback R, **Thadhani R**, Zoghbi W. Transesophageal echocardiography improves risk assessment of thrombolysis of prosthetic valve thrombosis: Results of the international PRO-TEE registry. *J Am Coll Cardiol* 2004;43:77-84.
22. Wolf M, Shah A, Sauk J, Jimenez-Kimble R, Smirnakis K, Ecker J, **Thadhani R**. Inflammation and glucose intolerance: A prospective study of gestational diabetes mellitus. *Diabetes Care* 2004;27:21-7.
23. **Thadhani R**, Mutter WP, Wolf M, Levine RJ, Taylor RN, Sukhatme VP, Ecker JL, Karumanchi SA. First trimester placental growth factor and soluble fms-like tyrosine kinase 1 and risk for preeclampsia. *J Clin Endocrinol Metab* 2004;89:770-5.
24. Levine RJ, Maynard SE, Qian C, Lim KH, England LJ, Yu K, Schisterman EF, **Thadhani R**, Sachs B, Epstein FH, Sabai BM, Sukhatme VP, Karumanchi SA. Circulating angiogenic factors and the risk of preeclampsia. *N Engl J Med* 2004;350:672-83.
25. **Thadhani R**, Ecker JL, Mutter WP, Wolf M, Smirnakis KV, Sukhatme VP, Levine RJ, Karumanchi SA. Insulin resistance and alterations in angiogenesis: Additive insults that may lead to preeclampsia. *Hypertension* 2004;43:988-92.
26. Wolf M, Shah A, Jimenez-Kimble R, Sauk J, Smirnakis K, Ecker J, **Thadhani R**. Differential risk of hypertensive disorders of pregnancy among Hispanic women. *J Am Soc Nephrol* 2004;15:1330-8.
27. Wolf M, Hubel CA, Lam C, Sampson M, Ecker JL, Ness RB, Rajakumar A, Daftary A, Shakir AS, Seely EW, Roberts JM, Sukhatme VP, Karumanchi SA, **Thadhani R**. Preeclampsia and future cardiovascular disease: Potential role of altered angiogenesis and insulin resistance. *J Clin Endocrinol Metab* 2004;89:6239-43.
28. Levine RJ, **Thadhani R**, Qian C, Lam C, Lim KH, Yu KF, Blink AL, Sachs BP, Epstein FH, Sibai BM, Sukhatme VP, Karumanchi SA. Urinary placental growth factor and the risk of preeclampsia. *JAMA* 2005;293:77-85.
29. Han W, Alinani A, Chin-Lee W, McGovern F, **Thadhani R**, Bonventre JV. Human kidney injury molecule-1 is a tissue and urinary tumor marker of renal cell carcinoma. *J Am Soc Nephrol* 2005;16:1126-34. PMID: PMC1307501.
30. Teng M, Wolf M, Ofsthun N, Lazarus JM, Hernán MA, Camargo, C. Jr., **Thadhani R**. Activated injectable vitamin D and hemodialysis survival: A historical cohort study. *J Am Soc Nephrol* 2005;16:1115-25.
31. Smirnakis K, Martinez A, Hsu-Blatman K, Wolf M, **Thadhani, R**. Early pregnancy insulin resistance and subsequent gestational diabetes mellitus. *Diabetes Care* 2005;28:1207-8.

32. Rajakumar A, Michael HM, Rajakumar PA, Shibata E, Hubel CA, Karumanchi SA, **Thadhani R**, Wolf M, Harger G, Markovic N. Extra-placental expression of vascular endothelial growth factor receptor-1, (Flt-1) and soluble Flt-1 (sFlt-1) by peripheral blood mononuclear cells (PBMCs) in normotensive and preeclamptic pregnant women. Placenta 2005;26:563-73.
33. Potischman N, Troisi R, **Thadhani R**, Hoover R, Dodd K, Davis W, Sluss P, Hsieh C, Ballard-Barbash R. Pregnancy hormone concentrations across ethnic groups: Implications for later cancer risk. Cancer Epidemiol Biomarkers Prev 2005;14:1514-20.
34. Wolf M, Shah A, Lam C, Martinez A, Smirnakis K, Epstein F, Taylor RN, Ecker JL, Karumanchi A, **Thadhani R**. Circulating levels of the antiangiogenic marker sFLT-1 are increased in first versus second pregnancies. Am J Obstet Gynecol 2005;193:16-22.
35. Ayus JC, Mizani MR, Achinger SG, **Thadhani R**, Go A, Lee S. Effects of short daily versus conventional hemodialysis on left ventricular hypertrophy and inflammatory markers: A prospective, controlled study. J Am Soc Nephrol 2005;16:2778-88.
36. Smirnakis K, Chasan-Taber L, Wolf M, Markenson G, Ecker J, **Thadhani R**. Postpartum diabetes screening in women with a history of gestational diabetes. Am J Obstet Gynecol 2005;106:1297-1303.
37. Pai JK, Hankinson SE, **Thadhani R**, Rifai N, Pischon T, Stampfer M, Rimm EB. Moderate alcohol consumption and lower levels of inflammatory markers in US men and women. Atherosclerosis 2006;186:113-20.
38. Levine RJ, Lam C, Qian C, Yu K, Maynard SE, Sachs BP, Sibai B, Epstein FH, Romero R, **Thadhani R**, Karumanchi SA. Soluble endoglin and other circulating antiangiogenic factors in preeclampsia. N Engl J Med 2006;355:992-1005.
39. Otu H, Can H, Spentzos D, Nelson RG, Hanson RL, Looker H, Knowler W, Monroy M, Libermann T, Karumanchi SA, **Thadhani R**. Prediction of diabetic nephropathy using urine proteomic profiling 10 years prior to development of nephropathy. Diabetes Care 2007;30:638-4.
40. Hubel CA, Wallukat G, Wolf M, Herse F, Rajakumar A, Roberts J, Markovic N, **Thadhani R**, Luft FC, Dechend R. Agonistic angiotensin II type 1 receptor autoantibodies in postpartum women with a history of preeclampsia. Hypertension 2007;49:612-7.
41. Rana S, Karumanchi SA, Levine RJ, Venkatesha S, Rauh-Hain JA, **Thadhani R**. Sequential changes in antiangiogenic factors in early pregnancy and risk for developing preeclampsia. Hypertension 2007; 50:137-42.
42. Martins D, Wolf M, Pan D, Zadshir A, Tareen N, **Thadhani R**, Felsenfeld A, Levine B, Mehrotra R, Norris K. Prevalence of cardiovascular risk factors and the serum levels of 25-hydroxyvitamin D in the United States: Data from the Third National Health and Nutrition Examination Survey. Arch Int Med 2007;167:1159-65.
43. Knickerbocker T, Chen JR, **Thadhani R**, MacBeath G. An integrated approach to prognosis using protein microarrays and nonparametric methods. Mol Syst Biol 2007;123:1-8. PMID: PMC1911205.

44. Wolf M, Shah A, Gutierrez O, Ankers E, Monroy M, Tamez H, Steele D, Chang Y, Camargo CA Jr., Tonelli M, **Thadhani R**. Vitamin D levels and early mortality among incident hemodialysis patients. Kidney Int 2007;72:1004-13.
45. Bodyak N, Ayus JC, Achinger S, Shivalingappa V, Ke Q, Chen YS, Rigor D, Stillman I, Tamez H, Kroeger P, Wu-Wong, RR, Karumanchi SA, **Thadhani R***, Kang PM*. Activated vitamin D attenuates left ventricular abnormalities induced by dietary sodium in Dahl salt-sensitive animals. Proc Natl Acad Sci USA 2007;104:16810-15. (*Co-Senior Authors, RT is Corresponding Author) PMID: PMC2040477.
46. Wolf M, Betancourt J, Chang Y, Shah A, Teng M, Tamez H, Gutierrez O, Camargo CA, Jr, Melamed M, Norris K, Stampfer MJ, Powe NR, **Thadhani R**. Impact of activated vitamin D and race on survival among hemodialysis patients. J Am Soc Nephrol 2008;19:1379-88. PMID: PMC2440300.
47. Sidbury R, Sullivan AF, **Thadhani R**, Camargo CA Jr. Randomized controlled trial of vitamin D supplementation for winter-related atopic dermatitis in Boston: A pilot study. Br J Dermatol 2008;159:245-7.
48. Gutiérrez OM, Mannstadt M, Isakova T, Rauh-Hain JA, Tamez H, Shah A, Smith K, Lee H, **Thadhani R**, Jüppner H, Wolf M. Fibroblast growth factor 23 and mortality among patients undergoing hemodialysis. N Engl J Med 2008;359:584-94. PMID: PMC2890264.
49. Gutiérrez OM, Tamez H, Bhan I, Zazra J, Tonelli M, Wolf M, Januzzi, JL, Chang Y, **Thadhani R**. N-terminal pro-B-type natriuretic peptide (NT-proBNP) concentrations in hemodialysis patients: Prognostic value of baseline and follow-up measurements. Clin Chem 2008;54:1339-48.
50. Shaham O, Wei R, Wang TJ, Ricciardi C, Lewis GD, Carr SA, **Thadhani R**, Gerszten R, Mootha VK. Metabolic profiling of the human response to a glucose challenge reveals distinct axes of insulin sensitivity. Mol Sys Biol 2008;4:1-9. PMID: PMC2538910.
51. Troisi R, Hoover RN, **Thadhani R**, Hsieh CC, Sluss P, Ballard-Barbash R, Potischman N. Maternal, prenatal and perinatal characteristics and first trimester maternal serum hormone concentrations. Br J Cancer 2008;99:1161-4. PMID: PMC2567091
52. Brunelli SM, **Thadhani R**, Lynch KE, Ankers ED, Joffe MM, Boston R, Chang Y, Feldman HI. Association between long-term blood pressure variability and mortality among incident hemodialysis patients. Am J Kid Dis 2008;52:716-26.
53. Eskild A, Jeansson S, Jennum PA, Staff AC, Karumanchi SA, **Thadhani R**, Vatten LJ. Levels of angiogenic factors in pregnancy and post-partum bleeding. Acta Obstet Gynecol Scand 2008;87:1081-3.
54. Brunelli SM, Lynch KE, Ankers ED, Joffe MM, Yang W, **Thadhani R**, Feldman HI. Association of hemoglobin variability and mortality among contemporary incident hemodialysis patients. Clin J Am Soc Nephrol. 2008;3:1733-40. PMID: PMC2572293.
55. Isakova T, Gutiérrez O, Chang Y, Shah A, Tamez H, Smith K, **Thadhani R**, Wolf M. Phosphorus binders and survival on hemodialysis. J Am Soc Nephrol 2008;20:388-96. PMID: PMC2637053.

56. Gombart AF, Bhan I, Borregaard N, Tamez H, Camargo CA, Jr., Koeffler HP, **Thadhani R**. Low plasma level of cathelicidin antimicrobial peptide (hCAP 18) predicts increased infectious disease mortality in patients undergoing hemodialysis. Clin Infect Dis 2009;48:418-24.
57. Rauh-Hain JA, Rana S, Tamez H, Wang A, Cohen B, Cohen A Brown F, Ecker JL, Karumanchi SA, **Thadhani R**. Risk for developing gestational diabetes in women with twin pregnancies. J Matern Fetal Neonatal Med 2009;22:293-9.
58. Brunelli SM, **Thadhani R**, Ikizler A, Feldman HI. Thiazolidinedione use is associated with better survival in hemodialysis patients with non-insulin dependent diabetes. Kidney Int 2009;75:961-8. PMID: PMC2864092.
59. Lee PS, Sampath K, Karumanchi SA, Tamez H, Bhan I, Isakova T, Gutierrez OM, Wolf M, Chang Y, Stossel T, **Thadhani R**. Plasma gelsolin and circulating actin correlate with hemodialysis mortality. J Am Soc Nephrol 2009;20:1140-8. PMID: PMC2678046.
60. Chan KE, Lazarus JM, **Thadhani R**, Hakim R. Anticoagulation and antiplatelet usage associates with mortality in hemodialysis patients. J Am Soc Nephrol 2009;20:872-81. PMID: PMC2663838.
61. Friedman DJ, Afkarian M, Tamez H, Bhan I, Isakova T, Wolf M, Ankers E, Ye J, Tonelli M, Zoccali C, Kuro-O M, Moe O, Karumanchi SA, **Thadhani R**. Klotho variants and chronic hemodialysis mortality. J Bone Miner Res 2009;24:1847-55. PMID: PMC2765930
62. Mehrotra R, Kermah D, Salusky IB, Wolf M, **Thadhani R**, Chiu YW, Martins D, Adler S, Norris K. Chronic kidney disease, hypovitaminosis D, and mortality in the United States. Kidney Int 2009;76:977-83.
63. Tonelli M, Curhan G, Pfeffer M, Sacks F, **Thadhani R**, Melamed M, Weibe N, Muntner P. Relation between alkaline phosphatase, serum phosphate, and all-cause or cardiovascular mortality. Circulation 2009;120:1784-92.
64. Chan KE, Lazarus JM, **Thadhani R**, Hakim R. Warfarin use associates with increased risk for stroke in hemodialysis patients with atrial fibrillation. J Am Soc Nephrol 2009;20:2223-33. PMID: PMC2754104.
65. Block GA, Persky MS, Ketteler M, Kestenabum B, **Thadhani R**, Kooienga L, Spiegel D, Asplin J, Ehrlich J, Dennis V, Nissenson A, Chertow GM, Wheeler DC. A randomized double-blind pilot study of serum phosphorus normalization in chronic kidney disease: A new paradigm for clinical outcomes studies in nephrology. Hemodial Int 2009;13:360-2.
66. **Thadhani R**, Powe CE, Tjoa ML, Khankin E, Ye J, Ecker J, Schneyer A, Karumanchi SA. First trimester follistatin-like-3 levels in pregnancies complicated by subsequent gestational diabetes mellitus. Diabetes Care 2009;33:664-9. PMID: PMC2827528.
67. Steinberg G, Lee C, Rauh-Hain JA, Ecker J, Khankin EV, Cohen B, Rana S, Hsu CD, Karumanchi SA, **Thadhani R**, Hacker M, Lim KH. Early-pregnancy soluble Fas levels in idiopathic small-for-gestational- age pregnancies. Am J Obstet Gynecol 2010;202:299e1-7.
68. Bhan I, Burnett-Bowie SM, Ye S, Tonelli M, **Thadhani R**. Clinical measures identify vitamin D deficiency in dialysis. Clin J Am Soc Nephrol 2010;5:460-7. PMID: PMC2827576.

69. Brunelli S, Chertow G, Ankers E, Lowrie E, **Thadhani R**. Shorter dialysis times are associated with higher mortality among incident hemodialysis patients. *Kidney Int* 2010;77:630-6. PMID: PMC2864594.
70. Shurraw S, Majumdar SR, **Thadhani R**, Wiebe N, Tonelli M. Glycemic control and the risk of death in 1484 patients receiving maintenance hemodialysis. *Am J Kid Dis* 2010;55:875-84.
71. Khankin EV, Mutter WP, Tamez H, Yuan HT, Karumanchi SA, **Thadhani R**. Soluble erythropoietin receptor contributes to erythropoietin resistance in end-stage renal disease. *PLoS ONE* 2010;5:e9246. PMID: PMC2821920.
72. Rhee E, Souza A, Farrell L, Pollak M, Lewis G, Steele D, **Thadhani R**, Clish C, Greka A, Gerszten R. Metabolite profiling identifies markers of uremia. *J Am Soc Nephrol* 2010;21:1041-51. PMID: PMC2900954
73. Chan KE, **Thadhani R**, Lazarus JM, Hakim RM. Modeling the 4D Study: Statins and cardiovascular outcomes in long-term hemodialysis patients with diabetes. *Clin J Am Soc Nephrol* 2010;5:856-66. PMID: PMC2863967.
74. Kong J, Kim GH, Wei M, Sun T, Li G, Liu SQ, Li X, Bhan I, Zhao Q, **Thadhani R***, Li YC*. Therapeutic effects of vitamin D analogs on cardiac hypertrophy in spontaneously hypertensive rats. *Am J Pathol* 2010;177:622-31. (*Co-Senior Authors) PMID: PMC2913045
75. Testa A, Mallamaci F, Benedetto FA, Pisano A, Tripepi G, Malatino L, **Thadhani R**, Zoccali C. Vitamin D receptor (VDR) gene polymorphism is associated with left ventricular (LV) mass and predicts left ventricular hypertrophy (LVH) progression in end-stage renal disease (ESRD) patients. *J Bone Miner Res*. 2010;25:313-9.
76. Stuebe AM, McElrath TF, **Thadhani R**, Ecker JL. Second trimester insulin resistance, early pregnancy body mass index and gestational weight gain. *Matern Child Health J* 2010;14:254-60.
77. Afkarian M, Bhasin M, Dillon S, Guerrero M, Nelson RG, Knowler WC, **Thadhani R***, Libermann T*. Optimizing a proteomics platform for urine biomarker discovery. *Mol Cell Proteomics* 2010;9:2195-204. (*Co-Senior Authors) PMID: PMC2957724
78. Camargo CA, Ingham T, Wickens K, **Thadhani R**, Silvers KM, Epton MJ, Town GI, Espinola JA, Crane J; the New Zealand Asthma and Allergy Cohort Study Group. Vitamin D status of newborns in New Zealand. *Br J Nutr* 2010;29:1-7.
79. Powe CE, Seely EW, Rana S, Bhan I, Ecker J, Karumanchi SA, **Thadhani R**. First Trimester vitamin D, vitamin D binding protein, and subsequent preeclampsia. *Hypertension* 2010;56:758-63. PMID: PMC3775612
80. Chen Y, Kong J, Sun T, Li George, Szeto FL, Liu W, Deb DK, Wang Y, Zhao Q, **Thadhani R**, Li YC. 1,25-Dihydroxyvitamin D3 Suppresses Inflammation-Induced Expression of Plasminogen Activator Inhibitor-1 by Blocking Nuclear Factor- κ B Activation. *Arch Biochem Biophys* 2011;507:241-7. PMID: PMC3049452
81. Bhan I, Camargo CA Jr., Wenger J, Ricciardi C, Ye J, Borregaard N, **Thadhani R**. Circulating levels of 25-hydroxyvitamin D and human cathelicidin in healthy adults. *J Allergy Clin Immunol* 2011;127:1302-4. PMID: PMC3085667

82. Camargo CA Jr, Ingham T, Wickens K, **Thadhani R**, Silvers KM, Epton MJ, Town GI, Pattermore PK, Espinola JA, Crane J, New Zealand Asthma and Allergy Cohort Study Group. Cord-blood 25-hydroxyvitamin D levels and risk of respiratory infection, wheezing, and asthma. *Pediatrics* 2011;127:180-7.
83. **Thadhani R**, Appelbaum E, Chang Y, Pritchett Y, Bhan I, Agarwal R, Zoccali C, Wanner C, Lloyd-Jones D, Cannata J, Thompson T, Audhya P, Andress D, Zhang W, Ye J, Packham D, Singh B, Zehnder D, Manning WJ, Pachika A, Solomon SD. Vitamin D receptor activation and left ventricular hypertrophy in advanced kidney disease. *Am J Nephrol* 2011;33:139-49.
84. Pritchett Y, Jemai Y, Chang Y, Bhan I, Agarwal R, Zoccali C, Wanner C, Lloyd-Jones D, Thompson T, Appelbaum E, Audhya P, Andress D, Zhang W, Solomon S, Manning WJ, **Thadhani R**. The Use of Group Sequential, Information-based Sample Size Re-estimation in the Design of the PRIMO Study of Renal Failure. *Clinical Trials* 2011;8:165-74.
85. Bello AK, **Thadhani R**, Hemmelgarn B, Klarenbach S, Gill J, Chan C, Zimmerman D, Holmes D, Cembrowski G, Opgenorth D, Sibrian R, Karkhaneh M, Tiv S, Wiebe N, Tonelli M. Design and implementation of the Canadian Kidney Disease Cohort Study (CKDCS): A prospective observational study of incident dialysis patients. *BMC Nephrol* 2011;12:10. PMID: PMC3050805
86. Powe CE, Ricciardi C, Berg A, Erdessena D, Collerone G, Ankers E, Wenger J, Karumanchi SA, **Thadhani R***, Bhan I. Vitamin D Binding Protein Modifies the Vitamin D-Bone Mineral Density Relationship. *J Bone Miner Res* 2011;26:1609-16. (*Corresponding Author) PMID: PMC3351032
87. Powe CE, Ecker J, Rana S, Wang A, Ankers E, Ye J, Levine RJ, Karumanchi SA, **Thadhani R**. Preeclampsia and the Risk for Large-for-Gestational-Age Infants. *Am J Obstet Gynecol* 2011; 204:425e1-6.
88. Kanji Z, Powe CE, Wenger JB, Huang C, Ankers E, Sullivan DA, Collerone G, Powe NR, Tonelli M, Bhan I, Friedman D, Bernhardt A, Genovese G, Pollak M, **Thadhani R**. Genetic Variation in APOL1 and Age at Hemodialysis Initiation in African Americans. *J Am Soc Nephrol* 2011; 22: 2091-7. PMID: PMC3231784
89. Bae S, Yalamarti B, Ke Q, Choudhury S, Yu H, Karumanchi SA, Kroeger P, **Thadhani R**, Kang PM. Preventing Progression of Cardiac Hypertrophy and Development of Heart Failure by Paricalcitol Therapy in Rats. *Cardiovascular Research* 2011; 91:632-9. PMID: PMC3156906
90. Chan KE, Maddux F, Tolkoff-Rubin N, Karumanchi SA, **Thadhani R***, Hakim R. Early Outcomes Among Those Initiating Chronic Dialysis in the United States. *Clin J Am Soc Nephrol* 2011; 6:2642-9. (*Corresponding Author) PMID: PMC3359565
91. Böger C, Gorski M, Li M, Hoffmann MM, Huang C, Yang Q, Teumer A, Krane V, O'Seaghda C, Kutalik Z, Wichmann H, Haak T, Boes E, Coassin S, Coresh J, Kollerits B, Haun M, Paulweber B, Köttgen A, Li G, Shlipak M, Powe N, Hwang SJ, Dehghan A, Rivadeneira F, Uitterlinden A, Hofman A, Beckmann J, Krämer B, Witteman J, Bochud M, Siscovick D, Rettig R, Kronenberg F, Wanner C, **Thadhani R**, Heid I, Fox C, Kao WH (on behalf of the CKDGen Consortium). Association of eGFR-related loci identified by GWAS with incident CKD and ESRD. *PLoS Genetics* 2011 Sep;7(9):e1002292. PMID: PMC3183079

92. Faupel-Badger JM, Staff AC, **Thadhani R**, Powe CE, Potischman N, Hoover RN, Troisi R. Maternal Angiogenic Profile in Pregnancies That Remain Normotensive. Eur J Obstet Gynecol Reprod Biol 2011; 158:189-93. PMID: PMC3302581
93. **Thadhani R**, Kisner T, Hagmann H, Bossung V, Noack S, Schaarschmidt W, Jank A, Kribs A, Cornely O, Kreyssig C, Hemphill L, Rigby AC, Khedkar S, Lindner TH, Mallmann P, Stepan H, Karumanchi SA, Benzing T. A Pilot Study of Extracorporeal Removal of Soluble Fms-like Tyrosine Kinase 1 in Preeclampsia. Circulation 2011;124:940-50.
94. Bhan I, Powe C, Berg A, Ankers E, Wenger J, Karumanchi S.A., **Thadhani R**. Bioavailable Vitamin D More Tightly Linked to Mineral Metabolism than Total Vitamin D in Dialysis. Kidney Int 2012;82:84-9. PMID: PMC3376220
95. Choi JH, Ke Q, Bae S, Lee JY, Kim YJ, Arbeeny C, **Thadhani R**, Kang PM. Doxercalciferol, a Prohormone of Vitamin D, Prevents the Development of Cardiac Hypertrophy in Rats. J Card Fail 2011; 17:1051-8. PMID: PMC3226953
96. Rana S, Powe CE, Salahuddin S, Verlohren S, Perschel FH, Levine RJ, Lim KH, Wenger JB, **Thadhani R**, Karumanchi SA. Angiogenic Factors and the Risk of Adverse Outcomes in Women with Suspected Preeclampsia. Circulation 2012 Feb 21;125:911-9. PMID: PMC3319742
97. **Thadhani R**, Appelbaum E, Pritchett Y, Chang Y, Wenger J, Tamez H, Bhan I, Agarwal R, Zoccali C, Wanner C, Lloyd-Jones D, Cannata J, Thompson B, Andress D, Zhang W, Packham D, Singh B, Zehnder D, Shah A, Pachika A, Manning W, Solomon S. Vitamin D Therapy and Cardiac Structure and Function in Patients with Chronic Kidney Disease; The PRIMO Randomized Clinical Trial. JAMA 2012;307:674-84.
98. Szeto FL, Reardon CA, Yoon D, Wang Y, Wong KE, Chen Y, Kong J, Liu SQ, **Thadhani R**, Getz GS, Li YC. Vitamin D Receptor Signaling Inhibits Atherosclerosis in Mice; Mol Endocrinol 2012;26:1091-101. PMID: PMC3385794
99. Rana S, Ceideira AS, Wenger J, Salahuddin S, Lim KH, Ralston SJ, **Thadhani RI**, Karumanchi SA. Plasma Concentrations of Soluble Endoglin versus Standard Evaluation in Patients with Suspected Preeclampsia. PLoS One. 2012;7(10):e48259. PMID: PMC3482204
100. Chan KE, Warren HS, **Thadhani RI**, Steele DJ, Hymes JL, Maddux FW, Hakim RM. Prevalence and Outcomes of Antimicrobial Treatment for Staphylococcus Aureus Bloodstream Infection in Outpatients with End-Stage Renal Disease; J Am Soc Nephrol 2012. 2012 Sep;23(9):1551-9. PMID: PMC3431413
101. Block GA, Wheeler DC, Persky MS, Kestenbaum B, Ketteler M, Spiegel DM, Allison MA, Asplin J, Smits G, Hoofnagle AN, Kooienga L, **Thadhani R**, Mannstadt M, Wolf M, Chertow GM. Effects of Phosphate Binders in Moderate CKD; J Am Soc Nephrol 2012 Aug;23(8):1407-15. PMID: PMC3402292
102. Vikse BE, Irgens LM, Karumanchi SA, **Thadhani R**, Reisaeter AV, Skjaerven R. Familial Factors in the Association between Pre-Eclampsia and Later ESRD. Clin J Am Soc Nephrol. 2012 Nov;7(11):1819-26. PMID: PMC3488941
103. Tamez H, Zoccali C, Packham D, Wenger J, Bhan I, Appelbaum E, Pritchett Y, Chang Y, Agarwal R, Wanner C, Lloyd-Jones D, Cannata J, Thompson BT, Andress D, Zhang W, Singh B, Zehnder D,

Pachika A, Manning WJ, Shah A, Solomon SD, **Thadhani R**. Vitamin D Reduces Left Atrial Volume in Patients with Left Ventricular Hypertrophy and Chronic Kidney Disease; Am Heart J 2012 Dec;164(6):902-909.e2.

104. Friedman AN, Yu Z, Tabbey R, Denski C, Tamez H, Wenger J, **Thadhani R**, Li Y, Watkins BA. Low Blood Levels of Long Chain n-3 Polyunsaturated Fatty Acids in U.S. Hemodialysis Patients. Am J Nephrol. 2012;36(5):451-8. PMID: PMC3784309

105. Friedman AN, Yu Z, Tabbey R, Denski C, Tamez H, Wenger J, **Thadhani R**, Li Y, Watkins BA. Inverse relationship between long-chain n-3 fatty acids and risk of sudden cardiac death in patients starting hemodialysis. Kidney Int. 2013 Jun;83(6):1130-5. PMID: PMC3655118

106. Cerdeira AS, Rajakumar A, Royle CM, Lo A, Husain Z, **Thadhani RI**, Sukhatme VP, Karumanchi SA, Kopcow HD. Conversion of peripheral blood NK cells to a decidual NK-like phenotype by a cocktail of defined factors. J Immunol. 2013 Apr 15;190(8):3939-48. PMID: PMC3742368

107. Berg AH, Drechsler C, Wenger J, Buccafusca R, Hod T, Kalim S, Ramma W, Parikh SM, Friedman DJ, Danziger J, Wanner C, **Thadhani R**, Karumanchi SA. Carbamylation of serum albumin as a risk factor for mortality in patients with kidney failure. Sci Transl Med. 2013 Mar 6;5(175):175ra29. PMID: PMC3697767

108. Nigwekar SU, Bhan I, Turchin A, Skentzos S, Hajhosseiny R, Steele D, Nazarian RM, Wenger J, Parikh S, Karumanchi SA, **Thadhani RI**. Statin Use and Calcific Uremic Arteriopathy: A Matched Case-Control Study. Am J Nephrol 2013;37:325-332. PMID: PMC4110510

109. Chen Y, Liu W, Sun T, Huang Y, Wang Y, Deb DK, Yoon D, Kong J, **Thadhani R**, Li YC. 1,25-Dihydroxyvitamin D Promotes Negative Feedback Regulation of TLR Signaling via Targeting MicroRNA-155-SOCS1 in Macrophages. J Immunol. 2013 Apr 1;190(7):3687-95. PMID: PMC3608760

110. Nigwekar SU, Wenger J, **Thadhani RI**, Bhan I. Hyponatremia, Mineral Metabolism, and Mortality in Incident Maintenance Hemodialysis Patients: A Cohort Study. Am J Kidney Dis. 2013 Apr 13. pii: S0272-6386(13)00587-8. PMID: PMC3972035

111. Chan KE, **Thadhani RI**, Maddux FW. No difference in bleeding risk between subcutaneous enoxaparin and heparin for thromboprophylaxis in end-stage renal disease. Kidney Int. 2013 Sep;84(3):555-61.

112. Cruz DN, Bagshaw SM, Maisel A, Lewington A, **Thadhani R**, Chakravarthi R, Murray PT, Mehta RL, Chawla LS. Use of Biomarkers to Assess Prognosis and Guide Management of Patients with Acute Kidney Injury. Contrib Nephrol. 2013;182:45-64.

113. McCullough PA, Bouchard J, Waikar SS, Siew ED, Endre ZH, Goldstein SL, Koyner JL, Macedo E, Doi K, Di Somma S, Lewington A, **Thadhani R**, Chakravarthi R, Ice C, Okusa MD, Duranteau J, Doran P, Yang L, Jaber BL, Meehan S, Kellum JA, Haase M, Murray PT, Cruz D, Maisel A, Bagshaw SM, Chawla LS, Mehta RL, Shaw AD, Ronco C. Implementation of Novel Biomarkers in the Diagnosis, Prognosis, and Management of Acute Kidney Injury: Executive Summary from the Tenth Consensus Conference of the Acute Dialysis Quality Initiative (ADQI). Contrib Nephrol. 2013;182:5-12. PMID: PMC3856225

114. Rana S, Schnettler WT, Powe C, Wenger J, Salahuddin S, Cerdeira AS, Verlohren S, Perschel FH, Arany Z, Lim KH, **Thadhani R**, Karumanchi SA. Clinical characterization and outcomes of preeclampsia with normal angiogenic profile. Hypertens Pregnancy. 2013 May;32(2):189-201. PMID: PMC3744824
115. Block GA, Ix JH, Ketteler M, Martin KJ, **Thadhani RI**, Tonelli M, Wolf M, Juppner H, Hruska K, Wheeler DC. Phosphate Homeostasis in CKD: Report of a Scientific Symposium Sponsored by the National Kidney Foundation. Am J Kidney Dis. 2013 Sep;62(3):457-73.
116. Friedman AN, Yu Z, Denski C, Tamez H, Wenger J, **Thadhani R**, Li Y, Watkins B. Fatty Acids and Other Risk Factors for Sudden Cardiac Death in Patients Starting Hemodialysis. Am J Nephrol. 2013 Jun 25;38(1):12-18. PMID: PMC3856432
117. Bello AK, Stenvinkel P, Lin M, Hemmelgarn B, **Thadhani R**, Klarenbach S, Chan C, Zimmerman D, Cembrowski G, Strippoli G, Carrero JJ, Tonelli M. Serum Testosterone Levels and Clinical Outcomes in Male Hemodialysis Patients. Am J Kidney Dis. 2013 Jul 26. pii: S0272-6386(13)00985-2.
118. Li YC, Chen Y, Liu W, **Thadhani R**. MicroRNA-mediated mechanism of vitamin D regulation of innate immune response. J Steroid Biochem Mol Biol. 2013 Oct 5. pii: S0960-0760(13)00188-X. PMID: PMC3976893
119. Kalim S, Tamez H, Wenger J, Ankers E, Trottier CA, Deferio JJ, Berg AH, Karumanchi SA, **Thadhani RI**. Carbamylation of Serum Albumin and Erythropoietin Resistance in End Stage Kidney Disease. Clin J Am Soc Nephrol. 2013 Nov;8(11):1927-34. PMID: PMC3817911
120. de Borst MH, Hajhosseiny R, Tamez H, Wenger J, **Thadhani R**, Goldsmith DJ. Active Vitamin D Treatment for Reduction of Residual Proteinuria: A Systematic Review. J Am Soc Nephrol. 2013 Nov;24(11):1863-71. PMID: PMC3810088
121. Panizo S, Barrio-Vázquez S, Naves-Díaz M, Carrillo-López N, Rodríguez I, Fernández-Vázquez A, Valdivielso JM, **Thadhani R**, Cannata-Andía JB. Vitamin D receptor activation, left ventricular hypertrophy and myocardial fibrosis. Nephrol Dial Transplant. 2013 Nov;28(11):2735-44.
122. Kong J, Zhu X, Shi Y, Liu T, Chen Y, Bhan I, Zhao Q, **Thadhani R**, Li YC. VDR Attenuates Acute Lung Injury by Blocking Ang-2-Tie-2 Pathway and Renin-Angiotensin System. Mol Endocrinol. 2013 Dec;27(12):2116-25. PMID: PMC3857197
123. Powe CE, Evans MK, Wenger J, Zonderman AB, Tamez H, Berg A, Bhan I, Karumanchi SA, Powe NR, **Thadhani R**. Vitamin D Binding Protein and Vitamin D Status in White and Black Americans. N Engl J Med 2013 Nov 21;369(21):1991-2000. PMID: PMC4030388
124. Nigwekar SU, **Thadhani R**. Vitamin D receptor activation: cardiovascular and renal implications. Kidney Int Suppl (2011). 2013 Dec;3(5):427-430. PMID: PMC4089580
125. Kalim S, Clish CB, Wenger J, Elmariah S, Yeh RW, Deferio JJ, Pierce K, Deik A, Gerszten RE, **Thadhani R**, Rhee EP. A plasma long-chain acylcarnitine predicts cardiovascular mortality in incident dialysis patients. J Am Heart Assoc. 2013 Dec 5; 2(6):e000542. PMID: PMC3886735
126. Hagmann H, Bossung V, Belaidi AA, Fridman A, Karumanchi SA, **Thadhani R**, Schermer B, Mallmann P, Schwarz G, Benzing T, Brinkkoetter PT. Low-Molecular Weight Heparin Increases

Circulating sFlt-1 Levels and Enhances Urinary Elimination. PLoS One. 2014 Jan 21;9(1):e85258. PMID: PMC3897409

127. Cohen AL, Wenger JB, James-Todd T, Lamparello BM, Halprin E, Serdy S, Fan S, Horowitz GL, Lim KH, Rana S, Takoudes TC, Wyckoff JA, **Thadhani R**, Karumanchi SA, Brown FM. The association of circulating angiogenic factors and HbA1c with the risk of preeclampsia in women with preexisting diabetes. Hypertens Pregnancy. 2014 Feb;33(1):81-92. PMID: PMC3894714

128. Nigwekar SU, Tamez H, **Thadhani RI**. Vitamin D and chronic kidney disease-mineral bone disease (CKD-MBD). Bonekey Rep. 2014 Feb 5;3:498. PMID: PMC3944129

129. Bentley-Lewis R, Dawson DL, Wenger JB, **Thadhani RI**, Roberts DJ. Placental histomorphometry in gestational diabetes mellitus: the relationship between subsequent type 2 diabetes mellitus and race/ethnicity. Am J Clin Pathol. 2014 Apr;141(4):587-92. PMID: PMC4040002

130. Bentley-Lewis R, Powe C, Ankers E, Wenger J, Ecker J, **Thadhani R**. Effect of Race/Ethnicity on Hypertension Risk Subsequent to Gestational Diabetes Mellitus. Am J Cardiol. 2014 Apr 15;113(8):1364-70. PMID: PMC3994994

131. Welles CC, Whooley MA, Karumanchi SA, Hod T, **Thadhani R**, Berg AH, Ix JH, Mukamal KJ. Vitamin D Deficiency and Cardiovascular Events in Patients With Coronary Heart Disease: Data From the Heart and Soul Study. Am J Epidemiol. 2014 Jun 1;179(11):1279-87. PMID: PMC4036212

132. Welles CC, Whooley MA, Karumanchi SA, Hod T, **Thadhani R**, Berg AH, Ix JH, Mukamal KJ. Welles et al. Respond to "Low Vitamin D and Cardiovascular Disease". Am J Epidemiol. 2014 Jun 1;179(11):1291-2. PMID: PMC4036211

133. Nigwekar SU, Solid CA, Ankers E, Malhotra R, Eggert W, Turchin A, **Thadhani RI**, Herzog CA. Quantifying a Rare Disease in Administrative Data: The Example of Calciphylaxis. J Gen Intern Med. 2014 Aug;29 Suppl 3:S724-31. PMID: PMC4124115

134. Kalim S, Karumanchi SA, **Thadhani RI**, Berg AH. Protein Carbamylation in Kidney Disease: Pathogenesis and Clinical Implications. Am J Kidney Dis. 2014 Nov;64(5):793-803. PMID: PMC4209336

135. Baltajian K, Hecht JL, Wenger JB, Salahuddin S, Verlohren S, Perschel FH, Zsengeller ZK, **Thadhani R**, Karumanchi SA, Rana S. Placental lesions of vascular insufficiency are associated with anti-angiogenic state in women with preeclampsia. Hypertens Pregnancy. 2014 Nov;33(4):427-39.

136. Zoccali C, Curatola G, Panuccio V, Tripepi R, Pizzini P, Versace M, Bolignano D, Cutrupi S, Politi R, Tripepi G, Ghiadoni L, **Thadhani R**, Mallamaci F. Paricalcitol and Endothelial Function in Chronic Kidney Disease Trial. Hypertension. 2014 Nov;64(5):1005-11.

137. Chan KE, **Thadhani R**, Maddux FW. Adherence Barriers to Chronic Dialysis in The United States. J Am Soc Nephrol. 2014 Nov;25(11):2642-8. PMID: PMC4214530

138. Cui J, Kessinger C, McCarthy J, Sosnovik D, Libby P, **Thadhani R**, Jaffer F. In Vivo Nanoparticle Assessment of Pathological Endothelium Predicts the Development of Inflow Stenosis in Murine Arteriovenous Fistula. Arterioscler Thromb Vasc Biol. 2015 Jan;35(1):189-96. PMID: PMC4270948.

139. Palomaki GE, Haddow JE, Haddow H, Salahuddin S, Geahchan C, Cerdeira AS, Verlohren S, Perschel FH, Horowitz G, **Thadhani R**, Karumanchi SA, Rana S. [24-OR]: Modeling risk for adverse outcomes in women with suspected preterm preeclampsia using angiogenic factor measurements. *Pregnancy Hypertens.* 2015 Jan;5(1):12.
140. Baltajian K, Hecht JL, Wenger JB, Salahuddin S, Verlohren S, Perschel FH, Zsengeller ZK, **Thadhani R**, Ananth Karumanchi S, Rana S. [56-OR]: Placental lesions of vascular insufficiency are associated with anti-angiogenic state in women with preeclampsia. *Pregnancy Hypertens.* 2015 Jan;5(1):28-9.
141. Chan KE, Edelman ER, Wenger JB, **Thadhani RI**, Maddux FW. Dabigatran and Rivaroxaban Use in Atrial Fibrillation Patients on Hemodialysis. *Circulation* 2015 Mar 17;131(11):972-9. PMID: PMC4363265
142. Bhan I, Dobens D, Tamez H, Deferio JJ, Li YC, Warren HS, Ankers E, Wenger J, Tucker JK, Trottier C, Pathan F, Kalim S, Nigwekar SU, **Thadhani R**. Nutritional vitamin d supplementation in dialysis: a randomized trial. *Clin J Am Soc Nephrol.* 2015 Apr 7;10(4):611-9. PMID: PMC4386253
143. Palomaki GE, Haddow JE, Haddow HR, Salahuddin S, Geahchan C, Cerdeira AS, Verlohren S, Perschel FH, Horowitz G, **Thadhani R**, Karumanchi SA, Rana S. Modeling risk for severe adverse outcomes using angiogenic factor measurements in women with suspected preterm preeclampsia. *Prenat Diagn.* 2015 Apr;35(4):386-93. PMID: PMC4409832
144. Sise ME, Backman ES, Wenger JB, Wood BR, Sax PE, Chung RT, **Thadhani R**, Kim AY. Short and long-term effects of telaprevir on kidney function in patients with hepatitis C virus infection: a retrospective cohort study. *PLoS One.* 2015 Apr 29;10(4):e0124139. PMID: PMC4414554
145. Ruchi R, Genovese G, Lee J, Charoonratana VT, Bernhardt AJ, Alper SL, Kopp JB, **Thadhani R**, Friedman DJ, Pollak MR. Copy Number Variation at the APOL1 Locus. *PLoS One.* 2015 May 1;10(5):e0125410. PMID: PMC4416782
146. March MI, Geahchan C, Wenger J, Raghuraman N, Berg A, Haddow H, Mckeeon BA, Narcisse R, David JL, Scott J, **Thadhani R**, Karumanchi SA, Rana S. Circulating Angiogenic Factors and the Risk of Adverse Outcomes among Haitian Women with Preeclampsia. *PLoS One.* 2015 May 12;10(5):e0126815. PMID: PMC4428697
147. Drechsler C, Kalim S, Wenger JB, Suntharalingam P, Hod T, **Thadhani RI**, Karumanchi SA, Wanner C, Berg AH. Protein carbamylation is associated with heart failure and mortality in diabetic patients with end-stage renal disease. *Kidney Int.* 2015 Jun;87(6):1201-8. PMID: PMC4449819
148. Bentley-Lewis R, Huynh J, Xiong G, Lee H, Wenger J, Clish C, Nathan D, **Thadhani R**, Gerszten R. Metabolomic profiling in the prediction of gestational diabetes mellitus. *Diabetologia.* 2015 Jun;58(6):1329-32. PMID: PMC4428592
149. Berg AH, Powe CE, Evans MK, Wenger JB, Ortiz G, Zonderman AB, Suntharalingam P, Lucchesi KJ, Powe NR, Karumanchi SA, **Thadhani RI**. 24,25-dihydroxyvitamin D3 and Vitamin D Status of Community Dwelling Black and White Americans. *Clin Chem.* 2015 Jun;61(6):877-84. PMID: PMC4686255
150. Walmer R, Huynh J, Wenger J, Ankers E, Mantha AB, Ecker J, **Thadhani R**, Park E, Bentley-Lewis R. Mental Health Disorders Subsequent To Gestational Diabetes Mellitus Differ By Race/Ethnicity. *Depress Anxiety.* 2015 Oct;32(10):774-82. PMID: 26130074

151. Kalim S, Ortiz G, Trottier CA, Deferio JJ, Karumanchi SA, **Thadhani RI**, Berg AH. The Effects of Parenteral Amino Acid Therapy on Protein Carbamylation in Maintenance Hemodialysis Patients. J. Ren Nutr. 2015 Jul;25(4):388-92. PMID: PMC4469570
152. Nigwekar SU, Kroshinsky D, Nazarian RM, Goverman J, Malhotra R, Jackson VA, Kamdar MM, Steele DJ, **Thadhani RI**. Calciphylaxis: Risk Factors, Diagnosis, and Treatment. Am J Kidney Dis. 2015 Jul;66(1):133-46. PMID: PMC4696752
153. Kalim S, Clish CB, Deferio JJ, Ortiz G, Moffet AS, Gerszten RE, **Thadhani R**, Rhee EP. Cross-sectional examination of metabolites and metabolic phenotypes in uremia. BMC Nephrol. 2015 Jul 7;16:98. PMID: PMC4491861
154. Samir AE, Allegretti AS, Zhu Q, Dhyani M, Anvari A, Sullivan DA, Trottier CA, Dougherty S, Williams WW, Babitt JL, Wenger J, **Thadhani RI**, Lin HY. Shear wave elastography in chronic kidney disease: a pilot experience in native kidneys. BMC Nephrol. 2015 Jul 31;16(1):119. PMID: PMC4521488
155. Allegretti AS, Ortiz G, Wenger J, Deferio JJ, Wibecan J, Kalim S, Tamez H, Chung RT, Karumanchi SA, **Thadhani RI**. Prognosis of Acute Kidney Injury and Hepatorenal Syndrome in Patients with Cirrhosis: A Prospective Cohort Study. Int J Nephrol. 2015;2015:108139. PMID: PMC4525763
156. Huynh J, Yamada J, Beauharnais C, Wenger JB, **Thadhani RI**, Wexler D, Roberts DJ, Bentley-Lewis R. Type 1, type 2 and gestational diabetes mellitus differentially impact placental pathologic characteristics of uteroplacental malperfusion. Placenta. 2015 Oct;36(10):1161-6. PMID: PMC4609602
157. Goel A, Maski MR, Bajracharya S, Wenger JB, Zhang D, Salahuddin S, Shahul SS, **Thadhani R**, Seely EW, Karumanchi SA, Rana S. Epidemiology and Mechanisms of De Novo and Persistent Hypertension in the Postpartum Period. Circulation. 2015 Nov 3;132(18):1726-33. PMID: PMC4816491
158. Humalda JK, Goldsmith DJ, **Thadhani R**, de Borst MH. Vitamin D analogues to target residual proteinuria: potential impact on cardiorenal outcomes. Nephrol Dial Transplant. 2015 Dec;30(12):1988-94. PMID: PMC4832986
159. Bentley-Lewis R, Huynh J, Li S, Wenger J, **Thadhani R**. Hypertension Risk Subsequent to Gestational Dysglycemia Is Modified by Race/Ethnicity. Hypertension. 2016 Jan;67(1):223-8. PMID: PMC4827775
160. Sise ME, Bloom AK, Wisocky J, Lin MV, Gustafson JL, Lundquist AL, Steele D, Thiim M, Williams WW, Hashemi N, Kim AY, **Thadhani R**, Chung RT. Treatment of Hepatitis C Virus-Associated Mixed Cryoglobulinemia with Sofosbuvir-Based Direct-Acting Antiviral Agents. Hepatology. 2016 Feb;63(2):408-17. PMID: PMC4718772
161. Allegretti AS, Ortiz G, Cui J, Wenger J, Bhan I, Chung RT, **Thadhani RI**, Irani Z. Changes in Kidney Function After Transjugular Intrahepatic Portosystemic Shunts Versus Large-Volume Paracentesis in Cirrhosis: A Matched Cohort Analysis. Am J Kidney Dis. 2016 Sep;68(3):381-91. PMID: PMC5002241

162. **Thadhani R**, Hagmann H, Schaarschmidt W, Roth B, Cingoz T, Karumanchi SA, Wenger J, Lucchesi KJ, Tamez H, Lindner T, Fridman A, Thome U, Kribs A, Danner M, Hamacher S, Mallmann P, Stepan H, Benzing T. Removal of Soluble Fms-Like Tyrosine Kinase-1 by Dextran Sulfate Apheresis in Preeclampsia. J Am Soc Nephrol. 2016 Mar;27(3):903-13. PMID: PMC4769204
163. Salahuddin S, Wenger JB, Zhang D, **Thadhani R**, Karumanchi SA, Rana S. KRYPTOR-automated angiogenic factor assays and risk of preeclampsia-related adverse outcomes. Hypertens Pregnancy. 2016 Aug;35(3):330-45.
164. Balekian DS, Linnemann RW, Castro VM, Perlis R, **Thadhani R**, Camargo CA Jr. Pre-birth cohort study of atopic dermatitis and severe bronchiolitis during infancy. Pediatr Allergy Immunol. 2016 Jun;27(4):413-8.
165. Makris A, Yeung KR, Lim SM, Sunderland N, Heffernan S, Thompson JF, Iliopoulos J, Killingsworth MC, Yong J, Xu B, Ogle RF, **Thadhani R**, Karumanchi SA, Hennessy A. Placental Growth Factor Reduces Blood Pressure in a Uteroplacental Ischemia Model of Preeclampsia in Nonhuman Primates. Hypertension. 2016 Jun;67(6):1263-72. PMID: PMC4867111
166. Shahul S, Medvedofsky D, Wenger JB, Nizamuddin J, Brown SM, Bajracharya S, Salahuddin S, **Thadhani R**, Mueller A, Tung A, Lang RM, Arany Z, Talmor D, Karumanchi SA, Rana S. Circulating Antiangiogenic Factors and Myocardial Dysfunction in Hypertensive Disorders of Pregnancy. Hypertension. 2016 Jun;67(6):1273-80.
167. Powe CE, Allard C, Battista MC, Doyon M, Bouchard L, Ecker JL, Perron P, Florez JC, **Thadhani R**, Hivert MF. Heterogeneous Contribution of Insulin Sensitivity and Secretion Defects to Gestational Diabetes Mellitus. Diabetes Care. 2016 Jun;39(6):1052-5. PMID: PMC4878218
168. Eneanya ND, Wenger JB, Waite K, Crittenden S, Hazar DB, Volandes A, Temel JS, **Thadhani R**, Paasche-Orlow MK. Racial Disparities in End-of-Life Communication and Preferences among Chronic Kidney Disease Patients. Am J Nephrol. 2016;44(1):46-53. PMID: PMC4961563
169. Chait Y, Kalim S, Horowitz J, Hollot CV, Ankers ED, Germain MJ, **Thadhani RI**. The greatly misunderstood erythropoietin resistance index and the case for a new responsiveness measure. Hemodial Int. 2016 Jul;20(3):392-8. PMID: PMC4934130
170. Baltajian K, Bajracharya S, Salahuddin S, Berg AH, Geahchan C, Wenger JB, **Thadhani R**, Karumanchi SA, Rana S. Sequential Plasma Angiogenic Factors Levels in Women with Suspected Preeclampsia. Am J Obstet Gynecol. 2016 Jul;215(1):89.e1-89.e10.
171. Kalim S, Trottier CA, Wenger JB, Wibecan J, Ahmed R, Ankers E, Karumanchi SA, **Thadhani R**, Berg AH. Longitudinal Changes in Protein Carbamylation and Mortality Risk after Initiation of Hemodialysis. Clin J Am Soc Nephrol. 2016 Jul 21. PMID: PMC5053789
172. Zoccali C, Torino C, Curatola G, Panuccio V, Tripepi R, Pizzini P, Versace M, Bolignano D, Cutrupi S, Ghiadoni L, **Thadhani R**, Tripepi G, Mallamaci F. Serum phosphate modifies the vascular response to vitamin D receptor activation in chronic kidney disease (CKD) patients. Nutr Metab Cardiovasc Dis. 2016 Jul;26(7):581-9.
173. Zhang Y, Corapi KM, Luongo M, **Thadhani R**, Nigwekar SU. Calciphylaxis in peritoneal dialysis patients: a single center cohort study. Int J Nephrol Renovasc Dis. 2016 Sep 19;9:235-24. PMID: PMC5034913.

174. Sise ME, Wisocky J, Rosales IA, Chute D, Holmes JA, Corapi KM, Babitt JL, Tangren JS, Hashemi N, Lundquist AL, Williams WW, Mount DB, Andersson KL, Rennke HG, Smith RN, Colvin R, **Thadhani RI**, Chung RT. Lupus-like Immune Complex-mediated Glomerulonephritis in Patients with Hepatitis C Virus Infection Treated with Oral, Interferon-free, Direct-acting Antiviral Therapy. *KI Rep.* 2016 Sep;1(3):135-143. PMID: PMC5155703.
175. Perl J, Kalim S, Wald R, Goldstein MB, Yan AT, Noori N, Kiaii M, Wenger J, Chan C, **Thadhani RI**, Karumanchi SA, Berg AH. Reduction of carbamylated albumin by extended hemodialysis. *Hemodial Int.* 2016 Oct;20(4):510-521. PMID: PMC5380223
176. Ayus JC, Fuentes NA, Negri AL, Moritz ML, Giunta DH, Kalantar-Zadeh K, Nigwekar SU, **Thadhani RI**, Go AS, De Quiros FG. Mild prolonged chronic hyponatremia and risk of hip fracture in the elderly. *Nephrol Dial Transplant.* 2016 Oct;31(10):1662-9. PMID: 27190372
177. Cavalli RC, Cerdeira AS, Pernicone E, Korkes HA, Burke SD, Rajakumar A, **Thadhani RI**, Roberts DJ, Bhasin M, Karumanchi SA, Kopcow HD. Induced Human Decidual NK-Like Cells Improve Utero-Placental Perfusion in Mice. *PLoS One.* 2016 Oct 13;11(10):e0164353. PMID: PMC5063315.
178. Nadkarni NA, Rajakumar A, Mokhashi N, Burke SD, Rana S, Salahuddin S, Dang Q, **Thadhani R**, Krishnan R, Stossel TP, Karumanchi SA. Gelsolin is an endogenous inhibitor of syncytiotrophoblast extracellular vesicle shedding in pregnancy. *Pregnancy Hypertens.* 2016 Oct;6(4):333-339. PMID: 27939478
179. Nigwekar SU, Zhao S, Wenger J, Hymes JL, Maddux FW, **Thadhani RI**, Chan KE. A Nationally Representative Study of Calcific Uremic Arteriopathy Risk Factors. *J Am Soc Nephrol.* 2016 Nov;27(11):3421-3429. PMID: PMC5084892.
180. Sircar M, Kotton C, Wojciechowski D, Safa K, Gilligan H, Heher E, Williams W, **Thadhani R**, Tolkoff-Rubin N. Voriconazole-Induced Periostitis & Enthesopathy in Solid Organ Transplant Patients: Case Reports. *J Biosci Med (Irvine).* 2016 Nov;4(11):8-17. PMID: PMC5158005.
181. **Thadhani R**, Zella JB, Knutson DC, Blaser WJ, Plum LA, Clagett-Dame M, Buck RD, DeLuca HF. 2MD (DP001), a Single Agent in the Management of Hemodialysis Patients: A Randomized Trial. *Am J Nephrol.* 2016 Nov 24;45(1):40-48.
182. Allegretti AS, Ortiz G, Kalim S, Wibecan J, Zhang D, Shan HY, Xu D, Chung RT, Karumanchi SA, **Thadhani RI**. Siglec-7 as a novel biomarker to predict mortality in decompensated cirrhosis and acute kidney injury. *Dig Dis Sci.* 2016 Dec;61(12):3609-3620. PMID: PMC5106324.
183. Watkins BA, Kim J, Tamez H, Wenger J, **Thadhani R**, Friedman AN. Serum phospholipid fraction of polyunsaturated fatty acids is the preferred indicator for nutrition and health status in hemodialysis patients. *J Nutr Biochem.* 2016 Dec 26;38:18-24.
184. DuBrock HM, Rodriguez-Lopez JM, LeVarge BL, Curry MP, VanderLaan PA, Zsengeller ZK, Pernicone E, Preston IR, Yu PB, Nikolic I, Xu D, **Thadhani RI**, Channick RN, Ananth Karumanchi S. Macrophage migration inhibitory factor as a novel biomarker of portopulmonary hypertension. *Pulm Circ.* 2016 Dec;6(4):498-507. PMID: PMC5210057.

185. Bikle D, Bouillon R, **Thadhani R**, Schoenmakers I. Vitamin D metabolites in captivity? Should we measure free or total 25(OH)D to assess vitamin D status? J Steroid Biochem Mol Biol. 2017 Jan 16. pii: S0960-0760(17)30007-9.
186. Balekian DS, Linnemann RW, Hasegawa K, **Thadhani R**, Camargo CA Jr. Cohort Study of Severe Bronchiolitis during Infancy and Risk of Asthma by Age 5 Years. J Allergy Clin Immunol Pract. 2017 Jan - Feb;5(1):92-96.
187. Lim K, Steele D, Fenves A, **Thadhani R**, Heher E, Karaa A. Focal segmental glomerulosclerosis associated with mitochondrial disease. Clin Nephrol Case Stud. 2017 Mar 3;5:20-25. PMCID: PMC5438005.
188. Torino C, Pizzini P, Cutrupi S, Tripepi G, Mallamaci F, **Thadhani R**, Zoccali C. Active vitamin D treatment in CKD patients raises serum sclerostin and this effect is modified by circulating pentosidine levels. Nutr Metab Cardiovasc Dis. 2017 Mar;27(3):260-266.
189. Lim K, Heher E, Steele D, Fenves AZ, Tucker JK, **Thadhani R**, Christopher K, Tolkoﬀ-Rubin N. Hemodialysis failure secondary to hydroxocobalamin exposure. Proc (Bayl Univ Med Cent). 2017 Apr;30(2):167-168. PMCID: PMC5349814
190. Tangren JS, Powe CE, Ankers E, Ecker J, Bramham K, Hladunewich MA, Karumanchi SA, **Thadhani R**. Pregnancy Outcomes after Clinical Recovery from AKI. J Am Soc Nephrol. 2017 May;28(5):1566-1574. PMCID: PMC5407730
191. Fan X, Kalim S, Ye W, Zhao S, Ma J, Nigwekar SU, Chan KE, Cui J, Cai J, Wang L, Heng W, Zhou Y, Sun Y, Cui R, Zhang W, Wang B, Dai Q, Li X, **Thadhani R**, Li X. Urinary Stone Disease and Cardiovascular Disease Risk in a Rural Chinese Population. Kidney Int Rep. 2017 Jun 8;2(6):1042-1049. PMCID: PMC5733875.
192. Nigwekar SU, Bloch DB, Nazarian RM, Vermeer C, Booth SL, Xu D, **Thadhani RI**, Malhotra R. Vitamin K-Dependent Carboxylation of Matrix Gla Protein Influences the Risk of Calciphylaxis. J Am Soc Nephrol. 2017 Jun;28(6):1717-1722. PMCID: PMC5461787.
193. Berg AH, Bhan I, Powe C, Karumanchi SA, Xu D, **Thadhani RI**. Acute homeostatic changes following Vitamin D2 supplementation. J Endocr Soc. 2017 Jul 19;1(9):1135-1149. PMCID: PMC5686571.
194. Nigwekar SU, Weiser JM, Kalim S, Xu D, Wibecan JL, Dougherty SM, Mercier-Lafond L, Corapi KM, Eneanya ND, Holbrook EH, Brown D, **Thadhani RI**, Păunescu TG. Characterization and Correction of Olfactory Deficits in Kidney Disease. J Am Soc Nephrol. 2017 Aug 3. pii: ASN.2016121308. PMCID: PMC5661283.
195. Khedkar SA, Samad MA, Choudhury S, Lee JY, Zhang D, **Thadhani RI**, Karumanchi SA, Rigby AC, Kang PM. Identification of Novel Non-secosteroidal Vitamin D Receptor Agonists with Potent Cardioprotective Effects and devoid of Hypercalcemia. Sci Rep. 2017 Aug 16;7(1):8427. PMCID: PMC5559458.
196. Tonelli M, Wiebe N, Bello A, Field CJ, Gill JS, Hemmelgarn BR, Holmes DT, Jindal K, Klarenbach SW, Manns BJ, **Thadhani R**, Kinniburgh D; Alberta Kidney Disease Network. Concentrations of Trace Elements in Hemodialysis Patients: A Prospective Cohort Study. Am J Kidney Dis. 2017 Aug 22. PMID: 28838766

197. Smith WB, Gibson S, Newman GE, Hendon KS, Askelson M, Zhao J, Hantash J, Flanagan B, Larkin JW, Usvyat LA, **Thadhani RI**, Maddux FW. The dynamics of the metabolism of acetate and bicarbonate associated with use of hemodialysates in the ABChD trial: a phase IV, prospective, single center, single blind, randomized, cross-over, two-week investigation. BMC Nephrology (2017) 18:273. PMID: PMC5576126
198. Griessenauer CJ, Chua MH, Hanafy KA, Baffour YT, Chen R, LeBlanc RH 3rd, Patel AS, Salem M, Karumanchi SA, Xu D, **Thadhani R**, Ogilvy CS, Thomas AJ. Soluble Fms-like tyrosine kinase-1 (sFlt-1) and risk of cerebral vasospasm after aneurysmal subarachnoid hemorrhage. World Neurosurg. 2017 Aug 31. pii: S1878-8750(17)31429-8. PMID: 28867315
199. Sise ME, Backman E, Ortiz GA, Hundemer GL, Ufere NN, Chute DF, Brancale J, Xu D, Wisocky J, Lin MV, Kim AY, **Thadhani R**, Chung RT. Effect of Sofosbuvir-Based Hepatitis C Virus Therapy on Kidney Function in Patients with CKD. Clin J Am Soc Nephrol. 2017 Sep 7. pii: CJN.02510317. PMID: PMC5628711
200. Nigwekar SU, Jiramongkolchai P, Wunderer F, Bloch E, Ichinose R, Nazarian RM, **Thadhani RI**, Malhotra R, Bloch DB. Increased Bone Morphogenetic Protein Signaling in the Cutaneous Vasculature of Patients with Calciphylaxis. Am J Nephrol. 2017 Nov 9;46(5):429-438. PMID: PMC5763243
201. Weber ML, Schaarschmidt W, **Thadhani R**, Stepan H. Cerebro-placental ratio and fetal response to maternal extracorporeal sFlt-1 removal. Ultrasound Obstet Gynecol. 2017 Dec 11. PMID: 29226474
202. Allegretti AS, Parada XV, Eneanya ND, Gilligan H, Xu D, Zhao S, Dienstag JL, Chung RT, **Thadhani RI**. Prognosis of Patients with Cirrhosis and AKI Who Initiate RRT. Clin J Am Soc Nephrol. 2018 Jan 6;13(1):16-25. PMID: PMC5753306
203. Lecarpentier E, Gris JC, Cochery-Nouvellon E, Mercier E, Touboul C, **Thadhani R**, Karumanchi SA, Haddad B. Angiogenic Factor Profiles in Pregnant Women With a History of Early-Onset Severe Preeclampsia Receiving Low-Molecular-Weight Heparin Prophylaxis. Obstet Gynecol. 2018 Jan;131(1):63-69. PMID: 29215518
204. Kalim S, Wald R, Yan AT, Goldstein MB, Kiaii M, Xu D, Berg AH, Clish C, **Thadhani R**, Rhee EP, Perl J. Extended Duration Nocturnal Hemodialysis and Changes in Plasma Metabolite Profiles. Clin J Am Soc Nephrol. 2018 Mar 7;13(3):436-444. PMID: PMC5967674
205. Zhang JY, Wang M, Tian L, Genovese G, Yan P, Wilson JG, **Thadhani R**, Mottl AK, Appel GB, Bick AG, Sampson MG, Alper SL, Friedman DJ, Pollak MR. UBD modifies APOL1-induced kidney disease risk. Proc Natl Acad Sci U S A. 2018 Mar 27;115(13):3446-3451. PMID: PMC5879665
206. Tonelli M, Wiebe N, Bello A, Field CJ, Gill JS, Hemmelgarn BR, Holmes DT, Jindal K, Klarenbach SW, Manns BJ, **Thadhani R**, Kinniburgh D; Alberta Kidney Disease Network. Concentrations of Trace Elements and Clinical Outcomes in Hemodialysis Patients: A Prospective Cohort Study. Clin J Am Soc Nephrol. 2018 Mar 29. pii: CJN.11451017. PMID: PMC5989679
207. Trottier C, Perl J, Freeman M, **Thadhani R**, Berg A, Kalim S. Protein Carbamylation in Peritoneal Dialysis and the Effect of Low Glucose Plus Amino Acid Solutions. Perit Dial Int. 2018 Mar-Apr;38(2):149-152. PMID: 29563277

208. Tangren JS, Powe CE, Ecker J, Bramham K, Ankers E, Karumanchi SA, **Thadhani R**. Metabolic and Hypertensive Complications of Pregnancy in Women with Nephrolithiasis. Clin J Am Soc Nephrol. 2018 Apr 6;13(4):612-619. PMID: PMC5969466
209. Allegretti AS, **Thadhani RI**. Epidemiology: Chronic disease, cancer, and exercise - a common link. Nat Rev Nephrol. 2018 May;14(5):288-290. PMID: 29578209
210. Lim K, Hamano T, **Thadhani R**. Vitamin D and Calcimimetics in Cardiovascular Disease. Semin Nephrol. 2018 May;38(3):251-266. PMID: PMC5955705
211. Srivastava A, Palsson R, Kaze AD, Chen ME, Palacios P, Sabbisetti V, Betensky RA, Steinman TI, **Thadhani RI**, McMahon GM, Stillman IE, Rennke HG, Waikar SS. The Prognostic Value of Histopathologic Lesions in Native Kidney Biopsy Specimens: Results from the Boston Kidney Biopsy Cohort Study. J Am Soc Nephrol. 2018 Aug;29(8):2213-2224. PMID: PMC6065095
212. Li NC, **Thadhani RI**, Reviriego-Mendoza M, Larkin JW, Maddux FW, Ofsthun NJ. Association of Smoking Status With Mortality and Hospitalization in Hemodialysis Patients. Am J Kidney Dis. 2018 Jun 14. PMID 29909936
213. Tangren JS, Wan Md Adnan WAH, Powe CE, Ecker J, Bramham K, Hladunewich MA, Ankers E, Karumanchi SA, **Thadhani R**. Risk of Preeclampsia and Pregnancy Complications in Women With a History of Acute Kidney Injury. Hypertension. 2018 Aug;72(2):451-459. PMID: PMC6074052
214. Bajaj R, Courbebaisse M, Kroshinsky D, **Thadhani RI**, Nigwekar SU. Calciphylaxis in Patients with Normal Renal Function: A Case Series and Systematic Review. Mayo Clin Proc. 2018 Jul 27. PMID: 30060958
215. Eneanya ND, Olaniran K, Xu D, Waite K, Crittenden S, Hazar DB, Volandes AE, Temel JS, **Thadhani R**, Paasche-Orlow MK. Health Literacy Mediates Racial Disparities in Cardiopulmonary Resuscitation Knowledge among Chronic Kidney Disease Patients. J Health Care Poor Underserved. 2018;29(3):1069-1082. PMID: PMC6249689
216. Poyan Mehr A, Tran MT, Ralto KM, Leaf DE, Washco V, Messmer J, Lerner A, Kher A, Kim SH, Khoury CC, Herzig SJ, Trovato ME, Simon-Tillaux N, Lynch MR, **Thadhani RI**, Clish CB, Khabbaz KR, Rhee EP, Waikar SS, Berg AH, Parikh SM. De novo NAD⁺ biosynthetic impairment in acute kidney injury in humans. Nat Med. 2018 Aug 20. PMID: PMC6129212
217. Allegretti AS, Parada XV, Ortiz GA, Long J, Krinsky S, Zhao S, Fuchs BC, Sojoodi M, Zhang D, Ananth Karumanchi S, Kalim S, Nigwekar SU, **Thadhani RI**, Parikh SM, Chung RT. Serum Angiopoietin-2 Predicts Mortality and Kidney Outcomes in Decompensated Cirrhosis. Hepatology. 2018 Aug 23. PMID: PMC6351209
218. Titan SM, Venturini G, Padilha K, Tavares G, Zatz R, Bensenor I, Lotufo PA, Rhee EP, **Thadhani RI**, Pereira AC. Metabolites related to eGFR: Evaluation of candidate molecules for GFR estimation using untargeted metabolomics. Clin Chim Acta. 2018 Aug 25. PMID: 30153452
219. Rana S, Salahuddin S, Mueller A, Berg AH, **Thadhani RI**, Karumanchi SA. Angiogenic biomarkers in triage and risk for preeclampsia with severe features. Pregnancy Hypertens. 2018 Jul;13:100-106. PMID: 30177034

220. **Thadhani R**, Guilatco R, Hymes J, Maddux FW, Ahuja A. Switching from Epoetin Alfa (Epogen®) to Epoetin Alfa-Epbx (Retacrit™) Using a Specified Dosing Algorithm: A Randomized, Non-Inferiority Study in Adults on Hemodialysis. Am J Nephrol. 2018 Sep 7;48(3):214-224. PMID: PMC6214608
221. Melamed ML, Chonchol M, Gutiérrez OM, Kalantar-Zadeh K, Kendrick J, Norris K, Scialla JJ, **Thadhani R**. The Role of Vitamin D in CKD Stages 3 to 4: Report of a Scientific Workshop Sponsored by the National Kidney Foundation. Am J Kidney Dis. 2018 Oct 5. pii: S0272-6386(18)30839-4. PMID: PMC6615058
222. Sircar M, Rosales IA, Selig MK, Xu D, Zsengeller ZK, Stillman IE, Libermann TA, Karumanchi SA, **Thadhani RI**. Complement 7 Is Up-Regulated in Human Early Diabetic Kidney Disease. Am J Pathol. 2018 Oct;188(10):2147-2154. PMID: PMC6180251
223. Hutchison A, Whelton A, **Thadhani R**, Achenbach H, Vergani A, Wu J, Hall G. Long-Term Mortality and Bone Safety in Patients with End-Stage Renal Disease Receiving Lanthanum Carbonate. Nephron. 2018 Oct 23:1-10. PMID: PMC6390446
224. de Boer IH, Zelnick LR, Lin J, Schaumberg D, Wang L, Ruzinski J, FriedenberG G, Duszlak J, Bubes VY, Hoofnagle AN, **Thadhani R**, Glynn RJ, Buring JE, Sesso HD, Manson JE. Vitamin D and omega-3 trial to prevent and treat diabetic kidney disease: Rationale, design, and baseline characteristics. Contemp Clin Trials. 2018 Nov; 74:11-17. PMID: PMC6203639
225. Olaniran KO, Eneanya ND, Nigwekar SU, Vela-Parada XF, Achebe MM, Sharma A, **Thadhani RI**. Sick Cell Nephropathy in the Pediatric Population. Blood Purif. 2019;47(1-3):205-213. PMID: 30517931
226. Olaniran KO, Eneanya ND, Allegretti AS, Zhao SH, Achebe MM, **Thadhani RI**. Cardiovascular Outcomes in African Americans with Sick Cell Trait and Chronic Kidney Disease. Am J Nephrol. 2019 Jan 9;49(2):93-102. PMID: 30625463
227. Allegretti AS, Vela Parada X, Ortiz GA, Long J, Krinsky S, Zhao S, Fuchs BC, Sojoodi M, Zhang D, Karumanchi SA, Kalim S, Nigwekar SU, **Thadhani RI**, Parikh SM, Chung RT. Serum Angiotensin-2 Predicts Mortality and Kidney Outcomes in Decompensated Cirrhosis. Hepatology. 2019 Feb;69(2):729-741. PMID: PMC6351209
228. Titan SM, Venturini G, Padilha K, Tavares G, Zatz R, Bensenor I, Lotufo PA, Rhee EP, **Thadhani RI**, Pereira AC. Metabolites related to eGFR: Evaluation of candidate molecules for GFR estimation using untargeted metabolomics. Clin Chim Acta. 2019 Feb;489:242-248. PMID: 30153452
229. Tavares G, Venturini G, Padilha K, Zatz R, Pereira AC, **Thadhani RI**, Rhee EP, Titan SMO. 1,5-Anhydroglucitol predicts CKD progression in macroalbuminuric diabetic kidney disease: results from non-targeted metabolomics. Metabolomics. 2018 Feb 27;14(4):39. PMID: 30830377
230. Titan SM, Venturini G, Padilha K, Goulart AC, Lotufo PA, Bensenor IJ, Krieger JE, **Thadhani RI**, Rhee EP, Pereira AC. Metabolomics biomarkers and the risk of overall mortality and ESRD in CKD: Results from the Progridir Cohort. PLoS One. 2019 Mar 18;14(3):e0213764. PMID: PMC6422295
231. Hiemstra T, Lim K, **Thadhani R**, Manson JE. Vitamin D and Atherosclerotic Cardiovascular Disease. J Clin Endocrinol Metab. 2019 Apr 4. PMID: PMC7112191
232. Dember LM, Lacson E Jr, Brunelli SM, Hsu JY, Cheung AK, Daugirdas JT, Greene T, Kovesdy CP, Miskulin DC, **Thadhani RI**, Winkelmayer W, Ellenberg SS, Cifelli D, Madigan R, Young A, Angeletti

M, Wingard RL, Kahn C, Nissenson AR, Maddux FW, Abbott KC, Landis JR. The TiME Trial: A Fully Embedded, Cluster-Randomized, Pragmatic Trial of Hemodialysis Session Duration. J Am Soc Nephrol. 2019 May;30(5):890-903. PMID: PMC6493975

233. Shah NB, Allegretti AS, Nigwekar SU, Kalim S, Zhao S, Lelouvier B, Servant F, Serena G, **Thadhani RI**, Raj DS, Fasano A. Blood Microbiome Profile in CKD: A Pilot Study. Clin J Am Soc Nephrol. 2019 May 7;14(5):692-701. PMID: PMC6500932

234. Berg AH, Karumanchi SA, **Thadhani R**. Vitamin D-Binding Protein Deficiency and Homozygous Deletion of the GC Gene. N Engl J Med. 2019 Jun 27;380(26):2584-2585. PMID: PMC6690847

235. de Boer I, Zelnick L, Ruzinski J, FriedenberG G, Duszlak J, Bubes V, Hoofnagle A, **Thadhani R**, Glynn R, Buring J, Sesso H, Manson J. Effect of Vitamin D and Omega-3 Fatty Acid Supplementation on Kidney Function in Patients With Type 2 Diabetes: A Randomized Clinical Trial. JAMA. 2019 Nov 8. PMID: PMC6865245

236. Lecarpentier E, Gris JC, Cochery-Nouvellon E, Mercier E, Abbas H, **Thadhani R**, Karumanchi SA, Haddad B. Urinary Placental Growth Factor for Prediction of Placental Adverse Outcomes in High-Risk Pregnancies. Obstet Gynecol. 2019 Dec;134(6):1326-1332. PMID: 31764746

237. Olaniran KO, Eneanya ND, Zhao SH, Ofsthun NJ, Maddux FW, **Thadhani RI**, Dalrymple LS, Nigwekar SU. Mortality and Hospitalizations among Sickle Cell Disease Patients with End-Stage Kidney Disease Initiating Dialysis. Am J Nephrol. 2020;51(12):995-1003. PMID: 33486484

238. Olaniran KO, Allegretti AS, Zhao SH, Achebe MM, Eneanya ND, **Thadhani RI**, Nigwekar SU, Kalim S. Kidney Function Decline among Black Patients with Sickle Cell Trait and Sickle Cell Disease: An Observational Cohort Study. J Am Soc Nephrol. 2020 Feb;31(2):393-404. PMID: PMC7003305

239. Sise ME, Chute DF, Oppong Y, Davis MI, Long JD, Silva ST, Rusibamayila N, Jean-Francois D, Raji S, Zhao S, **Thadhani R**, Chung RT. Direct-acting antiviral therapy slows kidney function decline in patients with Hepatitis C virus infection and chronic kidney disease. Kidney Int. 2020 Jan;97(1):193-201. PMID: PMC7094798

240. Moorthi RN, Fadel WF, Cranor A, Hindi J, Avin KG, Lane KA, **Thadhani RI**, Moe SM. Mobility Impairment in Patients New to Dialysis. Am J Nephrol. 2020;51(9):705-714. PMID: PMC8604416

241. Lim K, Ting SMS, Hamborg T, McGregor G, Oxborough D, Tomkins C, Xu D, **Thadhani R**, Lewis G, Bland R, Banerjee P, Fletcher S, Krishnan NS, Higgins R, Zehnder D, Hiemstra TF. Cardiovascular Functional Reserve Before and After Kidney Transplant. JAMA Cardiol. 2020 Feb 5. PMID: PMC7042833

242. Rhee EP, Guallar E, Hwang S, Kim N, Tonelli M, Moe SM, Himmelfarb J, **Thadhani RI**, Powe NR, Shafi T. Prevalence and Persistence of Uremic Symptoms in Incident Dialysis Patients. Kidney360. 2020 Feb;1(2):86-92. PMID: PMC7289028

243. **Thadhani RI**, Rosen S, Ofsthun NJ, Usvyat LA, Dalrymple LS, Maddux FW, Hymes JL. Conversion from Intravenous Vitamin D Analogs to Oral Calcitriol in Patients Receiving Maintenance Hemodialysis. Clin J Am Soc Nephrol. 2020 Mar 6;15(3):384-391. PMID: PMC7057297

244. Simic P, Kim W, Zhou W, Pierce KA, Chang W, Sykes DB, Aziz NB, Elmariah S, Ngo D, Pajevic PD, Govea N, Kestenbaum BR, de Boer IH, Cheng Z, Christov M, Chun J, Leaf DE, Waikar SS, Tager AM, Gerszten RE, **Thadhani RI**, Clish CB, Jüppner H, Wein MN, Rhee EP. Glycerol-3-phosphate is an

FGF23 regulator derived from the injured kidney. J Clin Invest. 2020 Mar 2;130(3):1513-1526. PMID: PMC7269595

245. Lim K, Ting SMS, Hamborg T, McGregor G, Oxborough D, Tomkins C, Xu D, **Thadhani R**, Lewis G, Bland R, Banerjee P, Fletcher S, Krishnan NS, Higgins R, Zehnder D, Hiemstra TF. Cardiovascular Functional Reserve Before and After Kidney Transplant. JAMA Cardiol. 2020 Apr 1;5(4):420-429. PMID: PMC7042833

246. Lecarpentier E, Zsengelier ZK, Salahuddin S, Covarrubias AE, Lo A, Haddad B, **Thadhani RI**, Karumanchi SA. Total versus free placental growth factor levels in the pathogenesis of preeclampsia. Hypertension. 2020 Sep;76(3):875-883. PMID: 32654553

247. Guedes M, Pecoits-Filho R, Leme JEG, Jiao Y, Raimann JG, Wang Y, Kotanko P, de Moraes TP, **Thadhani R**, Maddux FW, Usvyat LA, Larkin JW. Impacts of dialysis adequacy and intradialytic hypotension on changes in dialysis recovery time. BMC Nephrol. 2020 Dec 7;21(1):529. PMID: PMC7720452

248. Limonte CP, Zelnick LR, Ruzinski J, Hoofnagle AN, **Thadhani R**, Melamed ML, Lee IM, Buring JE, Sesso HD, Manson JE, de Boer IH. Effects of long-term vitamin D and n-3 fatty acid supplementation on inflammatory and cardiac biomarkers in patients with type 2 diabetes: secondary analyses from a randomised controlled trial. Diabetologia. 2021 Feb;64(2):437-447. PMID: PMC7855668

249. Limonte CP, Zelnick LR, Ruzinski J, Hoofnagle AN, **Thadhani R**, Melamed ML, Lee IM, Buring JE, Sesso HD, Manson JE, de Boer IH. Correction to: Effects of long-term vitamin D and n-3 fatty acid supplementation on inflammatory and cardiac biomarkers in patients with type 2 diabetes: secondary analyses from a randomised controlled trial. Diabetologia. 2021 Feb;64(2):477. PMID: 33301079

250. Berg AH, Tavasoli M, Lo AS, Burnett-Bowie SM, Bhan I, Karumanchi SA, Kalim S, Zhang D, Zhao S, **Thadhani R**. Development and analytical validation of a novel bioavailable 25-hydroxyvitamin D assay. PLOS One. 2021 Feb;16(7):e0254158. PMID: PMC8270209

251. Rosenberg EA, Seely EW, James K, Arenas J, Callahan MJ, Cayford M, Nelson S, Bernstein SN, **Thadhani R**, Powe CE. Relationship between carbohydrate intake and oral glucose tolerance test results among pregnant women. Diabetes Res Clin Pract. 2021 Jun;176. PMID: PMC8544918

252. Banerjee D, Chitalia N, Ster IC, Appelbaum E, **Thadhani R**, Kaski JC, Goldsmith D. Impact of Vitamin D on Cardiac structure and function in CKD patients with hypovitaminosis D, a randomised controlled trial and meta-analysis. Eur Heart J Cardiovasc Pharmacother. 2021 Jul 23;7(4):302-311. PMID: PMC8302255

253. **Thadhani R**, Willetts J, Wang C, Larkin J, Zhang H, Fuentes LR, Usvyat L, Belmonte K, Wang Y, Kossmann R, Hymes J, Kotanko P, Maddux F. Transmission of SARS-CoV-2 Considering Shared Chairs in Outpatient Dialysis: A Real-World Case-Control Study. BMC Nephrol 2021 Sep 16;22(1):313. PMID: PMC8444531

254. Germain MJ, Greco BA, Hodgins S, Chapagain B, **Thadhani R**, Wojciechowski D, Crisalli K, Nathanson BH, Chait Y. Assessing accuracy of estimated dry weight in dialysis patients post transplantation: the kidney knows best. J Nephrol. 2021 Dec;34(6):2093-2097. PMID: PMC8611116

255. Kalim S, Berg AH, Karumanchi SA, **Thadhani R**, Allegretti AS, Nigwekar S, Zhao S, Srivastava A, Raj D, Deo R, Frydrych A, Chen J, Sondheimer J, Shafi T, Weir M, Lash JP; CRIC Study Investigators.

Protein carbamylation and chronic kidney disease progression in the Chronic Renal Insufficiency Cohort Study. Nephrol Dial Transplant. 2021 Dec 31;37(1):139-147. PMID: PMC8719615

256. Best CM, Zelnick LR, Thummel KE, Hsu S, Limonte C, **Thadhani R**, Sesso HD, Manson JAE, Buring JE, Mora S, Lee IM, Cook NR, Friedenber G, Luttmann-Gibson H, de Boer IH, Hoofnagle AN. Serum Vitamin D: Correlates of Baseline Concentration and Response to Supplementation in VITAL-DKD. J Clin Endocrinol Metab. 2022 Jan 18;107(2):525-537. PMID: PMC8764322

257. Selen DJ, Edelson PK, James K, Corelli K, Hivert MF, Meigs JB, **Thadhani R**, Ecker J, Powe CE. Physiological subtypes of gestational glucose intolerance and risk of adverse pregnancy outcomes. Am J Obstet Gynecol. 2022 Feb;226(2):241. PMID: PMC8810751

258. Bochkur Dratver MA, Arenas J, Thaweethai T, Yu C, James K, Rosenberg EA, Callahan MJ, Cayford M, Tangren JS, Bernstein SN, Hivert MF, **Thadhani R**, Powe CE. Longitudinal changes in glucose during pregnancy in women with gestational diabetes risk factors. Diabetologia. 2022 Mar;65(3):541-551. PMID: PMC8904203

259. Halim A, Narayanan G, Hato T, Ho L, Wan D, Siedlecki AM, Rhee EP, Allegretti AS, Nigwekar SU, Zehnder D, Hiemstra TF, Bonventre JV, Charytan DM, Kalim S, **Thadhani R**, Lu T, Lim K. Myocardial Cytoskeletal Adaptations in Advanced Kidney Disease. J Am Heart Assoc. 2022 Mar;11(5):e022991. PMID: PMC9075094

260. Sarma AA, Hsu S, Januzzi JL, Goldfarb IT, **Thadhani R**, Wood MJ, Powe CE, Scott NS. First Trimester Cardiac Biomarkers among Women with Peripartum Cardiomyopathy: Are There Early Clues to This Late-Pregnancy Phenomenon? Am J Perinatol. 2022 May 6. PMID: 35523213

261. Dupont V, Berg AH, Yamashita M, Huang C, Covarrubias AE, Ali S, Stotland A, Van Eyk JE, Jim B, **Thadhani R**, Karumanchi SA. Impaired renal reserve contributes to preeclampsia via the kynurenine and soluble fms-like tyrosine kinase 1 pathway. J Clin Invest. 2022 Aug 9:e158346. PMID: 35943814

262. **Thadhani R**, Lemoine E, Rana S, Costantine M, Calsavara V, Boggess K, Wylie B, Moore Simas T, Louis J, Espinoza J, Gaw S, Murtha A, Wiegand S, Gollin Y, Singh D, Silver R, Durie D, Panda B, Norwitz E, Burd I, Scott R, Plunkett B, Gaden A, Bautista M, Chang Y, Diniz M, Karumanchi S, Kilpatrick S. Circulating Angiogenic Factor Levels in Hypertensive Disorders of Pregnancy. NEJM Evidence. *In Press*

Other Peer-Reviewed Publications

1. **Thadhani R**, Pascual M, Bonventre JV. Acute renal failure. N Engl J Med 1996;334:1448-60.

2. Pastores GM, **Thadhani R**. Enzyme-replacement therapy for Anderson-Fabry Disease. Lancet 2001;358:601-3.

3. Pastores GM, **Thadhani R**. Advances in the management of Anderson-Fabry disease: Enzyme replacement therapy. Expert Opin Biol Ther 2002; Expert Opin Biol Ther 2002;2:325-33.

4. Obrador GT, Ojo A, **Thadhani R**. End stage renal disease in patients with Fabry Disease. J Am Soc Nephrol 2002;13:144-6.

5. Bennett RL, Hart KA, O'Rourke E, Barranger JA, Johnson J, MacDermot KD, Pastores GM, Steiner RD, **Thadhani R**. Fabry disease in genetic counseling practice: Recommendations of the National Society of Genetic Counselors. J Genet Couns 2002;11:121-46.

6. Dusso AS, **Thadhani R**, Slatopolsky E. Vitamin D receptor and analogs. Semin Nephrol 2004;10-6.
7. Williams W, Ecker J, **Thadhani R**, Rahemtullah A. Case records of the Massachusetts General Hospital. Case 38-2005. A 29-year-old pregnant woman with the nephrotic syndrome and hypertension. N Engl J Med 2005;353:2590-600.
8. Maynard SE, Venkatesha S, **Thadhani R**, Karumanchi SA. Soluble Fms-like tyrosine kinase 1 and endothelial dysfunction in the pathogenesis of preeclampsia. Pediatr Res 2005;57:1-7.
9. Wolf M, **Thadhani R**. Beyond minerals and parathyroid hormone: Role of active vitamin D in end-stage renal disease. Semin Dial 2005;18:302-6.
10. **Thadhani R**, Tonelli M. Cohort studies: Marching forward. Clin J Am Soc Nephrol 2006;1:1117-23.
11. **Thadhani R**, Wolf M. Vitamin D in patients with kidney disease: Cautiously optimistic. Adv Chron Kid Dis 2007;14:22-6.
12. Wolf M, **Thadhani R**. Vitamin D in patients with renal failure: A summary of observational mortality studies and steps moving forward. J Steroid Biochem Mol Biol 2007;103:487-90. PMID: PMC1865131.
13. **Thadhani R**. Activated vitamin D sterols in kidney disease. Lancet 2008;371:542-4.
14. **Thadhani R**. Targeted ablation of the vitamin D 1alpha-hydroxylase gene: Getting to the heart of the matter. Kidney Int 2008;74:141-3.
15. **Thadhani R**, Solomon CG. Preeclampsia – a glimpse into the future? N Engl J Med 2008;359:858-60.
16. Melamed M, **Thadhani R**. Low calcidiol levels and coronary artery calcification: True, true, and related? J Am Soc Nephrol 2009;20:1663-5.
17. **Thadhani R**. Is calcitriol life-protective for patients with chronic kidney disease? J Am Soc Nephrol 2009;20: 2285-90.
18. Tonelli M, Wiebe N, Hemmelgarn B, Klarenbach S, Field C, Manns B, **Thadhani R**, Gill J. Trace elements in hemodialysis patients: A systematic review and meta-analysis. BMC Med 2009;May 19:7-25. PMID: PMC2698829.
19. Bhan I, **Thadhani R**. Vitamin D in chronic kidney disease. Semin Dial 2009;29:85-93.
20. Maynard SE, **Thadhani R**. Pregnancy and the kidney. J Am Soc Nephrol 2009;20:14-22.
21. Rucker D, **Thadhani R**, Tonelli M. Trace element status in hemodialysis patients. Sem Dialysis 2010;23:389-95.
22. Bhan I, **Thadhani R**. Vascular calcification and ESRD: A hard target. Clin J Am Soc Nephrol 2009; Suppl 1;S102-5.

23. Lee PS, Bhan I, **Thadhani R**. The potential role of plasma gelsolin in dialysis-related protein-energy wasting. Blood Purif 2010;29:99-101.
24. **Thadhani R**, Manson JE. Vitamin D for cardiovascular disease prevention in women: State of the evidence. Curr Cardiovasc Risk 2010;4:216-221.
25. Bhan I, Hewison M, **Thadhani R**. Dietary vitamin D intake in advanced CKD/ESRD. Semin Dial 2010;23:407-10.
26. Powe CE, **Thadhani R**. Diabetes and the kidney in pregnancy. Semin Nephrol 2011;31:59-69.
27. Nigwekar S, Bhan I, **Thadhani R**. Vitamin D, hypertension, left ventricular hypertrophy, and diastolic dysfunction. Current Cardiovascular Risk Reports: Springer Science Business Media, LLC 2011.
28. Nigwekar SU, Bhan I, **Thadhani R**. Ergocalciferol and Cholecalciferol in CKD. Am J Kid Dis 2012;60:139-56.
29. Hagmann H, **Thadhani R**, Benzing T, Karumanchi SA, Stepan H. The promise of angiogenic markers for the early diagnosis and prediction of preeclampsia. Clin Chem 2012;58:837-45.
30. Tamez H, Kalim S, **Thadhani RI**. Does vitamin D modulate blood pressure? Curr Opin Nephrol Hypertens. 2013 Mar;22(2):204-9. PMID: PMC3984388
31. Gunta SS, **Thadhani RI**, Mak RH. The effect of vitamin D status on risk factors for cardiovascular disease. Nat Rev Nephrol. 2013 Jun;9(6):337-47.
32. Bhan I, Tamez H, **Thadhani R**. Impact of new Vitamin D data on future studies and treatment. Curr Opin Nephrol Hypertens. 2013 Jul;22(4):377-82. PMID: PMC3984907
33. Moe SM, **Thadhani R**. What have we learned about chronic kidney disease-mineral bone disorder from the EVOLVE and PRIMO trials? Curr Opin Nephrol Hypertens. 2013 Nov;22(6):651-655. PMID: PMC3983668
34. Powe CE, Karumanchi SA, **Thadhani R**. Vitamin D-binding protein and vitamin D in blacks and whites. N Engl J Med. 2014 Feb 27;370(9):880-1.
35. Phipps EA, **Thadhani R**, Benzing T, Karumanchi SA. Author Correction: Pre-eclampsia: pathogenesis, novel diagnostics and therapies. Nat Rev Nephrol. 2019 Jun;15(6):386. PMID: 31068691
36. Phipps EA, **Thadhani R**, Benzing T, Karumanchi SA. Pre-eclampsia: pathogenesis, novel diagnostics and therapies. Nat Rev Nephrol. 2019 May;15(5):275-289. Review. Erratum in: Nat Rev Nephrol. 2019 Jun;15(6):386. PMID: PMC6472952
37. Fader KA, Zhang J, Menetski JP, **Thadhani RI**, Antman EM, Friedman GS, Ramaiah SK, Vaidya VS. A Biomarker-Centric Approach to Drug Discovery and Development: Lessons Learned from the Coronavirus Disease 2019 Pandemic. Pharmacol Exp Ther. 2021 Jan;376(1):12-20. PMID: 33115823
38. Eikelboom J, Floege J, **Thadhani R**, Weitz JI, Winkelmayr WC. Anticoagulation in patients with kidney failure on dialysis: factor XI as a therapeutic target. Kidney Int. 2021 Dec;100(6):1199-1207. PMID: 34600964.

Research Publications Without Named Authorship

1. VA/NIH Acute Renal Failure Trial Network*. Intensity of renal support in critically ill patients with acute kidney injury. N Engl J Med. 2008;359:7-20. (*Member of the investigative team cited in the appendix of the manuscript.)
2. Macdougall IC, Provenzano R, Sharma A, Spinowitz BS, Schmidt RJ, Pergola PE, Zabaneh RI, Tong-Starksen S, Mayo MR, Tang H, Polu KR, Duliege AM, Fishbane S; PEARL Study Groups*. Peginesatide for anemia in patients with chronic kidney disease not receiving dialysis. N Engl J Med. 2013;368(4):320-32. (*Member of the PEARL Study Groups consortium.)
3. Fishbane S, Schiller B, Locatelli F, Covic AC, Provenzano R, Wiecek A, Levin NW, Kaplan M, Macdougall IC, Francisco C, Mayo MR, Polu KR, Duliege AM, Besarab A; EMERALD Study Groups*. Peginesatide in patients with anemia undergoing hemodialysis. N Engl J Med. 2013;368(4):307-19. (*Member of the EMERALD Study Groups consortium.)
4. de Zeeuw D, Akizawa T, Audhya P, Bakris GL, Chin M, Christ-Schmidt H, Goldsberry A, Houser M, Krauth M, Lambers Heerspink HJ, McMurray JJ, Meyer CJ, Parving HH, Remuzzi G, Toto RD, Vaziri ND, Wanner C, Wittes J, Wrolstad D, Chertow GM; BEACON Trial Investigators. Bardoxolone methyl in type 2 diabetes and stage 4 chronic kidney disease. N Engl J Med. 2013 Dec 26;369(26):2492-503. (*Member of the BEACON Trial Investigators.)
5. Manson JE, Cook NR, Lee IM, Christen W, Bassuk SS, Mora S, Gibson H, Albert CM, Gordon D, Copeland T, D'Agostino D, Friedenberg G, Ridge C, Bubes V, Giovannucci EL, Willett WC, Buring JE; VITAL Research Group. Marine n-3 Fatty Acids and Prevention of Cardiovascular Disease and Cancer. N Engl J Med. 2019 Jan 3;380(1):23-32. (*Member of the VITAL Research Group.) PMID: PMC6392053
6. Manson JE, Cook NR, Lee IM, Christen W, Bassuk SS, Mora S, Gibson H, Gordon D, Copeland T, D'Agostino D, Friedenberg G, Ridge C, Bubes V, Giovannucci EL, Willett WC, Buring JE; VITAL Research Group. Vitamin D Supplements and Prevention of Cancer and Cardiovascular Disease. N Engl J Med. 2019 Jan 3;380(1):33-44. (*Member of the VITAL Research Group.) PMID: PMC6425757
7. Christen WG, Cook NR, Manson JE, Buring JE, Lee IM, Bubes V, Friedenberg G, Dushkes R, Smith D, Schaumberg DA; VITAL Research Group. Efficacy of Marine ω -3 Fatty Acid Supplementation vs Placebo in Reducing Incidence of Dry Eye Disease in Healthy US Adults: A Randomized Clinical Trial JAMA Ophthalmol. 2022 Jul 1;140(7):707-714. (*Member of the VITAL Research Group.) PMID: PMC9185512

[Non-peer reviewed scientific or medical publications/materials in print or other media](#)

Book Chapters:

1. Smirnakis K, Morales A, **Thadhani, R.** (2006). C-Reactive Protein in Kidney Disease. In Ridker P.M & Rifai N (Eds), *C-Reactive Protein in Cardiovascular Disease*. Pp 153-66.
2. Maynard S, Karumanchi, S.A. & **Thadhani, R.** (2007). Hypertension In The Pregnant Patient. In B.M. Brenner (Ed.), *Brenner & Rector's The Kidney*. Pp 1567-95.

3. Bhan I, **Thadhani R.** (2009). Calcium, Phosphorus, and Vitamin D in Kidney Disease. In Ikizler & Klahr S (Eds), *Handbook of Nutrition and the Kidney*. Philadelphia, PA:Lipincott Williams & Wilkins:50-57.
4. Bhan I, Tamez H, **Thadhani R.** (2010). Role of Vitamin D and Vitamin D Analogs for Bone Health and Survival in Chronic Kidney Disease. In M. Holick (Ed), *Vitamin D: Physiology, Molecular Biology and Clinical Applications*. New York, NY:Springer; 955-966.
5. Bhan I, **Thadhani R.** (2010). Vitamin D Analogs and Outcomes. In Feldman, Glorieux and Pike. *Vitamin D*. Academic Press. Pp 1555-65.
6. Hladunewich MA, Odutayo A, **Thadhani R.** (2012). The Normal and Diseased Kidney in Pregnancy. In W. Schrier (Ed). *Renal and Electrolyte Disorders*. Blackwell Publishing.
7. Christov M, **Thadhani R.** (2012). Vitamin D in Kidney Disease. In J. Koppel (Ed), *Nutritional Management of Renal Disease*. Elsevier Press.
8. Young B, **Thadhani R.** (2022). Renal Disorders in Pregnancy. In Creasy & Resnik (Ed), *Maternal-Fetal Medicine*. Elsevier Press.

Review Articles (not Peer Reviewed):

1. **Thadhani R**, Manson JE. Vitamin D for Cardiovascular Disease Prevention in Women: State of the Evidence. *Current Cardiovascular Risk Reports* 2010;4:216-21.
2. Melamed ML, **Thadhani RI.** Vitamin D therapy in chronic kidney disease and end stage renal disease. *Clin J Am Soc Nephrol.* 2012 Feb;7(2):358-65. PMID: PMC3280034
3. Scott MG, Gronowski AM, Reid IR, Holick MF, **Thadhani R**, Phinney K. Vitamin D: The More We Know, the Less We Know. *Clin Chem.* 2015 Mar;61(3):462-5.
4. Tonelli M, Karumanchi SA, **Thadhani R.** Epidemiology and Mechanisms of Uremia-Related Cardiovascular Disease. *Circulation.* 2016 Feb 2;133(5):518-36.
5. Goldsmith D, **Thadhani RI.** Low Sodium Diet, Vitamin D, or Both for RAASi-Resistant, Residual, Proteinuria in CKD? The VIRTUE Trial Points the Way Forward but Is Not the Last Word. *J Am Soc Nephrol.* 2017 Apr;28(4):1016-1019. PMID: PMC5373469
6. Nigwekar SU, **Thadhani R**, Brandenburg VM. Calciphylaxis. *N Engl J Med.* 2018 May 3;378(18):1704-1714. PMID: 29719190
7. Lim K, **Thadhani R.** Vitamin D Toxicity. *J Bras Nefrol.* 2020 Apr 3;42(2):238-244. PMID: PMC7427646

Invited Editorials and Commentaries:

1. **Thadhani R**, Karumanchi SA, Johnson R. Hypertension during pregnancy: A disorder begging for pathophysiological support. *Hypertension* 2005;46:1250-1.
2. Bhan I, **Thadhani R.** Is Vitamin D essential in preventing CKD-associated cardiovascular disease? *Nephrology Self Assessment Program* 2007.

3. Wolf M, **Thadhani R**. Response to 'Vitamin D levels and early mortality among incident hemodialysis patients'. Kidney Int 2008;74:389.
4. Scragg R, **Thadhani R**, Camargo CA Jr. Association between altitude and mortality in incident dialysis patients. JAMA 2009;301:2442-3.
5. Knebelmann B, Kurschat C, **Thadhani R**. Enzyme replacement therapy for Fabry's Disease: Registered for success? Lancet 2009;374:1950-1.
6. **Thadhani R**. Inching towards a targeted therapy for preeclampsia. Hypertension 2009;55:238-40. PMID: PMC4040955
7. Karumanchi SA, **Thadhani R**. Kidney complications: Why don't statins always work? Nat Med 2010; 16:38-40.
8. Karumanchi SA, **Thadhani R**. A Complement to Kidney Disease: CFHR5 nephropathy. Lancet 2010; 376:748-50.
9. Nigwekar S, Bhan I, **Thadhani R**. Nutritional Vitamin D in Dialysis Patients: What to D-iscern. Nephrol Dial Transpl 2011; Mar;26(3):764-6.
10. Rhee EP, **Thadhani R**. New insights into uremia-induced alterations in metabolic pathways. Curr Opin Nephrol Hypertens 2011; 20: 593-8.
11. Bhan I, **Thadhani R**. Fibroblast Growth Factor-23 and Outcomes: New Answers, New Questions. J Am Soc Nephrol. 2013 Mar 21.
12. Tamez H, Kalim S, **Thadhani RI**. Does vitamin D modulate blood pressure? Curr Opin Nephrol Hypertens. 2013 Mar;22(2):204-9.
13. Nigwekar SU, **Thadhani RI**. Shining light on vitamin D trials in chronic kidney disease. Kidney Int. 2013 Feb;83(2):198-200.
14. Tamez H, Andress D, Solomon SD, **Thadhani R**. Reply to "The role of fibroblast growth factor-23 in left atrial volume". Am Heart J. 2013 May;165(5):e23.
15. Bhan I, Tamez H, **Thadhani R**. Impact of New Vitamin D Data on Future Studies and Treatment. Curr Opin Nephrol Hypertens. 2013 Jul;22(4):377-82. PMID: PMC3984907
16. de Boer IH, **Thadhani R**. Vitamin D Deficiency: Consequence or Cause of CKD? Clin J Am Soc Nephrol. 2013 Nov;8(11):1844-6. PMID: PMC3817913
17. **Thadhani RI**, Manson JE. Vitamin D: too soon to turn out the lights? Arterioscler Thromb Vasc Biol. 2013 Nov;33(11):2467-9.
18. Sircar M, **Thadhani R**, Karumanchi SA. Pathogenesis of preeclampsia. Curr Opin Nephrol Hypertens. 2015 Mar;24(2):131-8.
19. Cerdeira AS, **Thadhani R**. "Interfering" with preeclampsia. Arthritis Rheumatol. 2015 Apr;67(4):862-4.

20. Ketteler M, Elder GJ, Evenepoel P, Ix JH, Jamal SA, Lafage-Proust MH, Shroff R, **Thadhani RI**, Tonelli MA, Kasiske BL, Wheeler DC, Leonard MB. Revisiting KDIGO clinical practice guideline on chronic kidney disease-mineral and bone disorder: a commentary from a Kidney Disease: Improving Global Outcomes controversies conference. Kidney Int. 2015 Mar;87(3):502-28.
21. Hagmann H, **Thadhani RI**. Angiogenic Markers in Transition: Thinking Positive. Hypertension 2017 Apr;69(4):578-579.
22. Nigwekar SU, **Thadhani R**, Brandenburg VM. Calciphylaxis. N Engl J Med. 2018 Jul 26;379(4):399-400. PMID: 30044942
23. Nigwekar SU, **Thadhani R**. Long-Term Anticoagulation for Patients Receiving Dialysis. Circulation. 2018 Oct 9;138(15):1530-1533.
24. Cerdeira AS, **Thadhani RI**. Predicting the Future Is Not Difficult. Hypertension. 2019 Jan;73(1) 47-48.
25. Lemoine E, **Thadhani R**. Affordable Preeclampsia Therapeutics. Trends Pharmacol Sci. 2019 Feb;40(2):85-87.
26. Berg AH, **Thadhani RI**. Aiming Too Low: Reevaluation of Target Concentrations of Serum 25-Hydroxyvitamin D in Secondary Hyperparathyroidism. Am J Nephrol. 2019 Mar 15;49(4):281-283. PMCID: PMC7424363
27. Tangren JS, **Thadhani R**. Novel Preeclampsia Diagnostics and Real-World Applications. Hypertension. 2019 Oct;74(4):740-742. PMID: 31401879
28. Young BC, **Thadhani R**, Karumanchi SA. Aspirin to Prevent Preterm Preeclampsia: More Progress. Hypertension. 2020 Apr;75(4):941-942. PMID: 32114845
29. Tangren JS, **Thadhani R**. Animal Model of Pregnancy after Acute Kidney Injury Mirrors the Human Observations. J Am Soc Nephrol. 2021 Feb;32(2):259-260. PMCID: PMC8054898
30. Tonelli M, **Thadhani R**. Anaemia in chronic kidney disease: what do new generation agents offer? Lancet. 2022 Feb 19;399(10326):702-703. PMID: 35090603