

CURRICULUM VITAE
Vipul Chitalia, M.B., B.S., Ph.D.
Department of Medicine, Renal Section
650 Albany Street, X-540
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Chitalia Lab: <http://sites.bu.edu/chitalia/lab/>
June 23, 2017

Academic Training

2003-2008

Doctor of Philosophy (Ph.D.)

Graduate Program in Molecular Medicine, Department of Medicine, Boston University School of Medicine, Boston, MA

1984-1990

Bachelor of Medicine and Surgery (MBBS)

Graduated first in class

Lokmanya Tilak Medical College, University of Bombay, Bombay, India

Post-doctoral training

2009-2013

Post-doctoral research fellowship

Department of Biomedical Engineering, Harvard-MIT Division of Science and Technology, MIT, Cambridge, MA

2001-2004

Fellowship in Nephrology

Boston Medical Center, Boston, MA

1999-2001

Residency in Internal Medicine

St. Vincent's Medical Center, College of Physician and Surgeon, Columbia University, New York, NY

1998-1999

International Society of Nephrology fellowship

Christchurch Hospital, University of Otago, Christchurch, New Zealand

1993-1995

Fellowship in Nephrology

Seth Gordhandas Sunderdas Medical College, University of Bombay, Bombay, India

1990-1993

Residency in Internal Medicine

Seth Gordhandas Sunderdas Medical College, University of Bombay, Bombay, India

Academic appointments

2017-present

Associate Professor of Medicine, Boston University School of Medicine

2009- 2017

Assistant Professor of Medicine, Boston University School of Medicine

2003- 2009

Instructor of Medicine, Boston University School of Medicine

Hospital Appointments

2009-present

Attending Physician, Department of Medicine, Renal Section, Boston Medical Center, Boston, MA

2017-present

Attending Physician, Spaulding Hospital, Cambridge

Vipul Chitalia, M.B., B.S., Ph.D.

Honors and awards

- 2019 **Robert Dawson Evans Research Mentoring Award**, Department of Medicine, and School of Medicine, Boston University
- 2019 **Fellow of the Institute for Health System Innovation & Policy**, Boston University Questrom School of Management, Boston University
- 2016 **Outstanding Mentor award**, Undergraduate Research Opportunity Program (UROP) for mentoring Boston University students in summer of 2016
- 2015-2017 **Evan's Junior Faculty Merit Award**
Recognized for notable accomplishment and promise as a junior investigator from all the junior faculties in the Department of Medicine, Boston University School of Medicine
- 2005 **Second prize in basic science poster presentation**
XXIst Annual Evan's Research Day award for promising basic science research from the graduate students from Boston University Medical Campus
- 1998-1999 **International Society of Nephrology Fellowship Award**
Recognized as one of five most promising renal researchers from a developing country; award provided financial support for fellowship for one year in New Zealand
- 1995 **Gold Medal, University of Bombay**
Received highest grade of all students in post-doctoral exam in Nephrology
- 1993 **Gold Medals, University of Bombay**
Received for highest grades in the subjects of Anatomy, Pathology, Microbiology, Internal Medicine, Pharmacology from the class of 103 medical students
- 1990-1992 **Merit Scholarship, University of Bombay**
Awarded full medical school tuition, and stipend for residency based on the distinguished medical career
- 1987 **Charles Moorhead Prize, University of Bombay**
Received for obtaining the highest score on Internal Medicine Board Exam since 1950

Licenses and Certifications

- 07/2016 Drug Enforcement Administration, Controlled Substance Certificate, Number BC7638096
- 06/2016 Massachusetts Controlled Substances Certification, Number MC0445278A
- 02/2016 Commonwealth of Massachusetts Board of Registration of Medicine, Full Medical License, License number MA209600
- 12/2015 American Board of Internal Medicine Sub-specialty Certification in Nephrology (Certificate valid through December 31, 2025), Number 215554
- 11/2004 American Board of Internal Medicine Certification, (Certificate valid through December 31, 2014), Number 215554
- 03/1998 Educational Commission for Foreign Medical Graduates (ECFMG) certificate

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Professional Development

11/2007 American Society of Nephrology Renal module: Role of a mentor in research
A five-day training course organized by the American Society of Nephrology for training young investigators to be future mentors

Departmental and University Committees

Boston University School of Medicine

2020 Academic Writing Program (**AWP**) in DOM to guide basic scientists in manuscript writing

2020 Committee member, BMC/BU COVID-19 Biorepository Scientific Review Committee (SRC)

2016 Advisor for the committee for Master Program in Medical Sciences (MAMS) for students from University of Damam, Saudi Arabia.

2014-2017 Co-director of Thrombosis and Hemostasis Affinity Research Collaborative (ARC), an initiative of Department of Medicine. Funded for three consecutive years by DOM and resulted in funding of one R01, two peer-reviewed papers.

2018-present MD PhD program selection committee. Boston University School of Medicine

2018-2021 Graduate Medical Sciences Faculty selection committee

Boston Medical Center

07/2018-07/2023 Member of Board of Directors, Evans Medical Foundation

07/2013-present Renal fellowship selection committee. This includes interviewing the prospective candidate and compiling a priority list of candidates

Teaching Experience and Responsibilities

Major Mentoring Activities

2013-2016 Moshe Shashar, Renal fellow supported by American Society of Nephrology fellowship award, now Assistant Professor of Medicine, Tel Aviv Sourasky Medical Center, Tel-Aviv University, Jerusalem, Israel

2014-2015 Lawrence Prince-Wright, Master students in MAMS program, Mentor, Boston University

2012-2016 Shenia Patterson-Singleton, Graduate student in M.D., Ph.D. program, Boston University, thesis committee member

2013-2016 Fernando Garcia Polite, Graduate student in Ph.D, Combined program of MIT and University Ramon Lull, Barcelona, Spain, Ph.D. thesis committee member, currently working as a Junior Scientist at CBSset, Inc, for FDA approval for cardiac devices

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- 2010-2014 Jordi Martorell, Graduate student in Ph.D, Combined program of MIT and University Ramon Lull, Barcelona, Spain, Ph.D. thesis committee member. Currently an Associate Professor in Biomedical Engineering, University Ramon Lull, Barcelona, Spain
- 2011-2013 Michael Park, Master student in MAMS program, Boston University, thesis committee member
- 2009-2010 Emad Arafa, Master student in MAMS program, Boston University, thesis committee member

Mentee, degree	Dates	Mentee role at the time of mentoring	Current position	Outcome of mentoring)
Junior faculties				
Daniel Cifuentes, Ph.D	2017-present	Faculty recruit in 2017 and Assistant Prof of Biochemistry, Boston University School of Medicine	Assistant Prof of Biochemistry, Boston University School of Medicine	Career guidance One R01 grant application and one co-authored publication
Vijaya Kolachalama, Ph.D	2017-present	Instructor in Medicine, Boston University School of Medicine	Assistant Prof of Medicine, Section of Computational Medicine, Boston University School of Medicine	Career guidance One R01 and two R21 applications and four co-authored publications
Mostafa Belghasem, M.D., Ph.D	2016-present	M.D. Ph.D student 2013-2017 and Instructor, Department of Pathology and Laboratory Medicine, Boston University 2017-2018	Assistant Prof of Pathology and Laboratory Medicine, Boston University, 2018-present	Career guidance and six co-authored publications (one of which is Science Translational Medicine) and one oral presentation at the American Society of Hemaology meeting 2018
Nana Addo-Tabiri, M.D.	2017-2019	Chief Fellow, Section of Hematology-Oncology, Boston University Medical Center 2015-2018	Instructor in Medicine and now Assistant Prof of Medicine, Boston University School of Medicine 2019-present	One publication and an oral presentation at the American Society of Hematology, 2018
Post Doctoral fellows				
Wening Yin, M.D., Ph.D,	2019-present	Post doctoral fellow	Post doctoral fellow	Co-authored four manuscript
Joshua Walker, Ph.D.	2017-2019	Post doctoral fellow	Post doctoral fellow	Co-authored two publications and

Vipul Chitalia, M.B., B.S., Ph.D.

				two posters at the international meetings
Chimera Lyle Ph.D.	2017-2019	Post doctoral fellow and T32 grant receipt	Post doctoral fellow	Three co-authored publications
Nikura Arinze, M.D.	2017-present	Post doctoral fellow and General Surgery Resident and T32 grant receipt	Post doctoral fellow	Three co-authored publications
Laith Al-Rabadi, MD	2013-2015	Post doctoral fellow and Renal fellow	Assistant Professor of Medicine, University of Utah Medical Center, Utah	Co-authored two publications
Moshe Shashar, M.D.	2013-2016	Post Doctoral fellow and Renal fellow	Chief of Renal Section, Sanz Medical Center Laniado Hospital Faculty of Medicine, Technion, Haifa, Israel	Co-authored two publications and three posters and an invited oral presentation at the American Society of Nephrology, New Orleans 2017
Priya Singh M.D.	2016-present	Post Doctoral fellow and a renal fellow	Assistant Professor of Medicine, and Transplantation, Ohio State University	Co-authored one publication and one case report
Umit Tapan, M.D.	2013-present	Post Doctoral fellow and Hematology-Oncology fellow	Clinical oncologist, St Joseph Hospital Cancer Center, New Hampshire	One co-authored two publications and two manuscripts in preparation
Shin Yin Lee, M.D.	2014-present	Post Doctoral fellow and Hematology-Oncology fellow	Post doctoral fellow	Co-authored two publications
Keshab Raji, Ph.D.	2016-2017	Post doctoral fellow and T32 grant receipt	Senior Scientist, Milipore Corporation examining DNA damage pathways in different human disease models	Co-authored two publications

Residents and Fellows, Department of Medicine

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Rani Chudasama, MD.D.	2017-present	Resident, Internal Medicine program, Boston University Medical Center	Fellow, Hematology Oncology section, Brown University	Co-authored a American Society of Hematology abstract (oral presentation) and a manuscript
Roelof H. Bekendam, M.D., Ph.D.	2019	Resident, Internal Medicine program, Boston University Medical Center	Resident, Boston University Medical Center,	Co-authored one manuscript
Paul Long, M.D.	2016-2018	Resident, Internal Medicine program, Boston University Medical Center	Assistant Prof of Medicine	
Camille Edwards, M.D.	2019	Chief Fellow, Section of Hematology-Oncology, Boston University Medical Center	Chief Fellow, Section of Hematology-Oncology, Boston University Medical Center	
Medical School Student				
Orly Leiva, M.D.	2016-present	Student, School of Medicine, BU	Resident, Brigham and Womens Hospital, Harvard Medical School, Boston	Co-authored three publications and 2 oral presentation at AHA and American Society of Nephrology
Brenda Garcia, M.D.	2018-present	Student, School of Medicine, BU	Resident, Mount Auburn Hospital, Harvard Medical School, Boston	Co-authored one publication

Vipul Chitalia, M.B., B.S., Ph.D.

Jonathan Ravid, M.D.	2016-present	Student, School of Medicine, BU	Student, School of Medicine, BU	Co-authored three publications
PhD Students				
Jordi Mortell, Ph.D.	2010-2014	Graduate student in PhD. Combined program of MIT and Spain	Assistant Professor in Biomedical Engineering, Biological Engineering Department, Institut Químic de Sarrià, Ramon Llull Univ, Barcelona, Spain	Co-authored two publications
Shenia Patterson-Singleton	2014-2018	Graduate student in M.D. Ph.D. program, Boston Universtiy School of Medicine	Medical Student, School of Medicine, Boston University	
Fernanado Garcia Pollite, Ph.D.	2013-2017	Graduate student in PhD. Combined program of MIT and Spain	Assistant Professor in Biomedical Engineering, Biological Engineering Department, Institut Químic de Sarrià, Ramon Llull Univ, Barcelona, Spain	
Master Students				
Domonic Lo	2020-2021	Master student of PiBSprogram		
John Le	2020-2021	Master student of PiBSprogram		
Elysia Heijing	2018-2020	Master student of PiBSprogram	Accepted in Med school	One publication in preparation
Teresa Russell	2019-2020	Master student of PiBSprogram	Applying for Med School	One publication in revision
Joseph Tashjian	2018-present	Master student of MAMS program	Applying for PhD in 2019	One publication accepted and other one in preparation
Rhythm Vasudeva, M.D.	2018-present	Master student ant the Department of public Health and Statistics, Boston	Resident, Univesity of Kentcuky	One oral presentation at the American Society of Hematology, 2018 and one co-

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		University School of Public health		authored publication
Marc Napolene	2018-present	Master student of MAMS program	Applying for Masters in 2020	
Daniel Roth	2017-present	Master student of MAMS program	Medical Student, Duke University School of Medicine	One accepted publication and other one under review
Faisal Alousi, M.D.	2015-2017	Master student of MAMS program, an MD from University of Damam, Saudi Arabia	Associate Prof of Medicine, King Faisal Univeristy, Saudi Arabia	Co-authored two publications and a poster for American Society of Nephrology meeting in Chicago, 2016 and two posters for Evan's day October, 2016, and is a co-author on two papers submitted
Lawrence Prince-Wright	2014-2015	Master student in MAMS program	Medical Students in Purdue	
Emad Arafa	2014-2015	Master student in MAMS program	Graduate student in PhD in BU	Co-authored one publication
Michael Park	2013-2014	Master student in MAMS program		
Marwa Ali	2013-2014	Master student in MAMS program		
Research Associate				
Sean Richards	2016-present	Research Associate	Research Associate	Co-authored two publications
Sowmiya Kumaradevan, M.Sc.	2016-2017	Research Associate	Research Associate	Co-authored two posters for Evan's day October, 2016, and is a co-author on two papers submitted
Jamaica Siwak, B.Sc.	2014-2016	Research Associate	Research Associate at Harvad Medical School	Co-authored one publication Two posters to American Society of Nephrology in 2015 and American Society of Clinical Oncology, 2016

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Sowmya Shivanna, M.Sc.	2010-2013	Research Associate	Graduate student in Ph.D. at University of Toronto	Three co-authored publications and three posters
IRva Vellard	2018-onwards	Research Associate	Bachelors student	One poster and one publication
Undergraduate Students				
Arie Chinappan				
Rachel Valdez, B.Sc.	2009-2011	Undergraduate student at MIT	Medical student at Emory University	Co-authored one publication
Chris Lin	2016-present	Undergraduate student at BU	Undergraduate student at BU	Co-authored one publication
Bilal Ahmed	2017-2018	Undergraduate student at BU	Undergraduate student at BU	Acknowledged in a publication
Sung Bok	2018-onwards	Undergraduate student at BU	Undergraduate student at BU	Co-authored one publication
Dan Mun	2016-present	Undergraduate student at BU	Undergraduate student at BU	Co-authored one publication
Lyn Ling, B.A.	2015-present	Undergraduate student at BU	Undergraduate student at BU	Co-authored one publication, Awarded UROP summer internship grant award
Shmyle Ghuman, B.A.	2015-prsent	Undergraduate student at BU	Undergraduate student at BU	Co-authored one publication, Awarded UROP summer internship grant award
Mathew Caputo	2015-2016	Undergraduate student at BU	Medical Student in UCSD	
Paige Parrak	2014-2016	Undergraduate student at BU	Medical Student, Okohoma State University School of Medicine	Co-authored one publication
Chrystelle Kiang, B.Sc.	2010-2011	Undergraduate student at MIT	Graduate student in PhD at Harvad Medical School	Co-authored one publication
Carine Mozenine, B.Sc.	2008-2010	Undergraduate student at MIT	Medical student at Oxford University	
High School Students, STEM program				
Elias Zavarro	2019	STEM program, State of Massachussetts,	STEM program, State of Massachussetts,	One co-authored publication

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		Wellsely High School, MA	High	Wellsely High School, MA	High	
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Formal Teaching of Residents, Clinical Fellows and Research Fellows

10/2014	Renal Module- 4 th year medical student Na/H2O module
10/2014	Renal Module- 4 th year medical student Acid-base module
10/2014	Renal Module- 4 th year medical student Acute Kidney Injury
05/2014	Vascular access, Renal fellow
01/2015	Thrombotic microangiopathy diagnosis and therapy Morning report: Internal Medicine interns and residents
01/2015	Complications of Vascular access, Renal fellow
08/2015	Renal Module- 4 th year medical student Chronic Kidney Injury
08/2015	Renal Module- 4 th year medical student Na/H2O module
08/2015	Renal Module- 4 th year medical student Acid-base module
08/2015	Renal Module- 4 th year medical student Acute Kidney Injury
09/2015	Thrombotic microangiopathy Task Force Morning report: Internal Medicine interns and residents
01/2016	Hemodialysis adequacy, Renal fellow
07/2016	Thrombotic microangiopathy diagnosis and therapy Morning report: Internal Medicine interns and residents
10/2016	Renal Module- 4 th year medical student Chronic Kidney Injury
10/2016	Renal Module- 4 th year medical student

Vipul Chitalia, M.B., B.S., Ph.D.
Glomerular Injury

10/2016	Renal Module- 4 th year medical student Acid-base module
10/2016	Renal Module- 4 th year medical student Acute Kidney Injury
02/2017	Initiation of hemodialysis, Renal fellow
03/2017	TMA: Focus of early diagnosis and treatment Morning report: Internal Medicine interns and residents
05/2016	Thrombosis in CKD patients Hematology and Oncology section, Boston Medical Center
09/2017	Renal Module- 4 th year medical student Chronic Kidney Injury
08/2017	Renal Module- 4 th year medical student Na/H ₂ O module
08/2017	Renal Module- 4 th year medical student Acid-base module
08/2017	Renal Module- 4 th year medical student Acute Kidney Injury
08/2018	Renal Module- 4 th year medical student Chronic Kidney Injury
08/2018	Renal Module- 4 th year medical student Na/H ₂ O module
08/2018	Renal Module- 4 th year medical student Acid-base module
08/2018	Renal Module- 4 th year medical student Glomerular injury module

Clinical Activities

2009-present	Renal attending on consult service 10 weeks per year
2009-present	Renal attending on dialysis and transplant service for 4 weeks per year

Other professional activities

Membership Professional Societies

2009-present	American Society of Nephrology
2006-present	International Society of Nephrology

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2012-present

Renal Physician Association 2014-2015

Editorial Board

2014-2015

Associate Scientific Advisor, Science Translational Medicine Journal (impact factor 14). Selected from a pool of 90 young scientists nationwide and internationally based on scientific merits, the responsibility is to review the literature for potentially interesting research in any field and report as editorial comment.

Reviewer of Peer-reviewed Journals:

Nature Cell Biology
Nature Medicine
Nature Communications^{[L][SEP]}
Nature Cell Biology
Science Translation Medicine
Nephrology Dialysis Transplantation
Toxins
American Journal of Kidney Disease
Circulation and Circulation Research
Kidney International
Cell Death & Disease
Dove Medical Press
Purinergic Signaling
Circulation
Research^{[L][SEP]}Critical Care^{[L][SEP]}
Critical Care Medicine^{[L][SEP]}e
Biomedicine^{[L][SEP]}Life^{[L][SEP]}
Experimental Cell Research^{[L][SEP]}
Intensive Care Medicine^{[L][SEP]}
Journal of the American Society of Nephrology^{[L][SEP]}
Journal of Cellular and Molecular Medicine^{[L][SEP]}
Journal of Clinical Investigation
Journal of Infectious Diseases^{[L][SEP]}
Journal of Thrombosis and Hemostasis^{[L][SEP]}
Journal of Investigative Dermatology
Kidney International^{[L][SEP]}
Microvascular Research^{[L][SEP]}
Nephron^{[L][SEP]}
Pediatric Nephrology
^{[L][SEP]} Proceedings of the National Academy of Sciences, USA
Science Signaling^{[L][SEP]}

Major Committee assignment

Welcome Trust UK-Government of India Alliance

2018-present

Grant reviewer, Biomedical Research Fellowship Program for India

Federal government study

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2014-present Grant reviewer, National Institute of Health, Early Career Reviewer (ECR) Program

Foundation study sections

2014-2015 Grant reviewer, American Heart Association
2017-present Welcome Trust-DBT alliance

Institutional Committee

Boston University School of Medicine

2014-present DOM Core Oversight Committee
Review the progress and budget of all the DOM cores and provides recommendations and help the cores with their future projections

Other Support

Current support

NCI- R01 CA175382 Chitalia (PI) 07/01/2014-6/30/2020 (NCE)
Role of c-Cbl in colorectal cancer
This grant examines the role ubiquitination of tumorigenic beta catenin by an E3 ligase c-Cbl in colorectal cancer tumorigenesis. Direct cost: \$207,500/year, total funding: \$ 1,037,500

NHLBI- R01 HL132325 Chitalia (PI) 01/01/2016-12/30/2021
Thrombotic complication of uremia: role of prothrombotic uremic solutes
This grant examines the indolic uremic solutes in thrombosis and its mechanism of action in post interventional vascular bed. Direct cost: \$250,000/year, total funding: \$ 1,000,000

NHLBI R01HL HL136363-02 Katya Ravid (PI, Chitalia, Co-investigator) 01/01/2018-12/30/2022
This grant examines different mechanisms of thrombosis in patients with myelodysplastic syndrome.

Department of Medicine ARC Program. V. Chitalia (co-PI) 1/1/2015-6/30/2018
The Affinity Research Collaborative at Boston University School of Medicine uses interdisciplinary approaches and experts to study the role of uremic solutes in evoking thrombosis

NIDDKR21 DK119740-01A1 Chitalia (PI) 7/1/2020-6/31/2022
Role of central venous stenosis in intravascular ultrasound
This study examine the role of intravenous ultrasound in dialysis malfunctions, in particular, the central venous stenosis lesions.

Philips (Investigator Initiated Study) Chitalia (PI) 6/1/2019-5/30/2021
This study examines the accuracy of intravenous ultrasound in determining the lesions within the dialysis accesses.

American Society of Nephrology Career Development award (Nigwekar, mentee and Chitalia co-PI) 7/1/2019-6/30/2022
This proposal examines the role of thrombosis in calciphylaxis.

Pending grant review

NIBIB R01 PD/PI Irving Bigio and m-PI: Chitalia 01/0/2020-12/30-2025
This grant examines the role of non-invasive methods to investigate renal fibrosis in ex vivo and in vivo tissue.

Vipul Chitalia, M.B., B.S., Ph.D.

Score – 16th percentile, resubmitted

NHLBI UO1 PD/PI Katya Ravid m-PI Chitalia, Fiore and Brophy 01/06/2020-06/01/2024
This grant examines the role of novel mediators of cancer-related thrombosis

NIDDK R01 PI: Daniel Cifunetes, Chitalia (Co-investigator) 07/01/2020-06/30/2024
This grant examines the role of uremic solutes in Erythropoietin induced anemia and Erythropoietin responsiveness. Score – 23rd percentile, resubmitted

NIDDK R01 PI: Kolachalama, Chitalia (Co-investigator) 07/01/2020-06/31/2024
This grant examines the mechanism of adhesion in drug eluting balloon on vascular health and uremic toxicity. Score – 30th percentile, resubmitted

NCI R01 PI: Schaus, m-PI: Chitalia and Hensen 0/6/01/2020-05/30/2025
This grant examines the HIT generated from the Center of Molecular Discovery that suppresses Wnt signaling in colon cancer.

AHA Artificial Intelligence and Machine Learning PI: Chitalia, Kolachalama (co-inv) 1/1/2020-12/31/2022
This proposal refines the machine learning algorithms to investigate the vascular access studies.

NIDDK R25 Waikar (PD/PI), Chitalia (m-PI) 07/01/2020-06/30/2025
Kidney Technology Development Research Education Program

Past support

Alexion Pharma: (ALXN1210-aHUS-311) PI: Vipul Chitalia 1/1/2017-2/20/2019
This is a single arm, multi-center clinical trial, which examines the efficacy of the long acting recombinant anti-C5 humanized monoclonal antibody for atypical HUS.

NCI-R21 CA191970 Rahimi Nader (PI), Chitalia (co-investigator) 01/01/2015-6/30/2017
This grant examines the role of IGPR1 in regulating chemo sensitivity of the colorectal cells to newer chemotherapeutic agents. Direct cost: \$200,000/year, total funding: \$ 400,000

DOM Outstanding Evans Junior Faculty award Chitalia (PI) 01/01/2015-12/30/2017
Direct cost: \$75,000/year, total funding: \$ 150,000

NIDDK-K08DK080946 - 01A Chitalia (PI) 07/01/2009-06/30/2014
Role of Wnt signaling in uremia-induced vascular dysfunction
The role of this grant is to evaluate pathogenesis of vascular dysfunction in the patients of chronic kidney and end stage renal disease (uremia). Direct cost: \$121,420/year, total funding: \$ 607,100

Young Investigator award Chitalia (PI) 07/01/2009-6/30/2011
(National Kidney Foundation)
Vascular biology in uremic *milieu*
The goal of this study is to examine the fundamental endothelial and vascular smooth muscle cell biology and pattern the molecular changes and functional consequences in kidney failure.
Direct cost: \$75,000/year, total funding: \$ 150,000

Polycystic Kidney Disease Award Chitalia (PI), Cohen (Sponsor) 7/1/2006-6/30/2008
Role of Jade-1 in polycystic kidney disease
The objective of this project was to examine how Jade-1 is regulated by polycystin-1 and its role in polycystic kidney disease. Direct cost: \$50,000/year, total funding: \$ 100,000

Vipul Chitalia, M.B., B.S., Ph.D.

National Kidney Foundation Award

Chitalia (PI), Cohen(Sponsor)

7/1/2003-6/30/2005

Role of Jade-1 in Wnt signaling

The goal of this project was to examine how Jade-1 destabilizes beta catenin and serves as a crucial mediator between Wnt and pVHL pathways. Direct cost: \$50,000/year, total funding: \$ 100,000

International Society of Nephrology grant Chitalia (PI) Robson (Sponsor) 7/1/1998-6/30/1999

Predict the renal survival in patients with idiopathic membranous nephropathy

The main objective of this study was to develop mathematical model to predict the renal survival of the patients idiopathic membranous glomerulonephritis. Direct cost: \$35,000/year, total funding: \$ 35,000

Invited Lectures and Conference Presentations

International

08/2005

'Emerging role of tidal peritoneal dialysis in acute renal failure in developing countries', International Society of Nephrology Meeting, Singapore

05/2019

Gut dysbiosis- role of thrombolome. European Renal Association – European Dialysis and Transplant Association. Hungry, Budapest, May 2019

11/2019

Uremic solutes and thrombosis. American Society of Nephrology, Washington DC, 2019

National

11/2007

'pVHL Inhibits Canonical Wnt Signaling through Tumor Suppressor Jade-1', American Society of Nephrology meeting, San Diego

Regional

12/2019

Advances the biology uremic toxicity and its therapeutic implications. Renal grand rounds, New York University (NYU) and Langone School of Medicine, NY

01/2019

Uremic toxicity: Emerging role of thrombolome. Renal grand rounds, Massachusetts General Hospital and Brigham and Women's Hospital, Harvard Medical School, Boston

03/2018

Post interventional thrombosis and its mediators. Division of Cardiovascular Medicine, University of Connecticut, Connecticut

05/2017

Why do patients of CKD show increased risk of thrombosis? Renal Section, Massachusetts Medical Center, Worcester

07/2016

'Role of uremic solutes in thrombosis' Division of Cardiology, University of Massachusetts Medical Center, Worcester

05/2016

'Role of c-Cbl in physiology and pathology'. Hematology Oncology Division, Department of Medicine, Tufts Medical Center, Boston

05/2016

'Role of c-Cbl in physiology and pathology colorectal cancer', Center of Molecular Medicine, University of Connecticut, Connecticut

Vipul Chitalia, M.B., B.S., Ph.D.

- 03/2016 'Uremic thrombosis, a theranostic approach', Renal Section, Brigham and Women's Hospital, Harvard Medical School, Boston
- 04/2013 'Why do more stent clots in CKD patients?' Cardiology Division, Brigham and Women's Hospital, Harvard Medical School
- 07/2012 'c-Cbl regulates angiogenesis through Wnt signaling', Boston Angiogenesis meeting, Boston

Institutional

- 06/2013 'c-Cbl: a oncogene or a tumor suppressor', Hematology and Oncology Section, Department of Medicine, Boston University School of Medicine

Committee

- 02/2018 Selection committee for the Director of WCVI

Bibliography

Orcid: orcid.org/0000-0002-6663-6058

My NCBI link:

<https://www.ncbi.nlm.nih.gov/myncbi/collections/bibliography/43893237/?groupby=citation%5Ftype&reload=addfrompubmed&sortby=date>

2020

1. Nana Oduraa Addo-Tabiri*, Rani Chudasama*, Rhythm Vasudeva, Orly Leiva, Brenda Garcia, Jonathan Ravid, Tamala Bunze, Linda Rosen, Mostafa Belghasem, Jean Francis, Mary Brophy, Ryan Ferguson, Janice Weinberg, and **Vipul Chitalia**. Black Patients Experience Highest Rates of Cancer-Associated Venous Thromboembolism. **American Journal of Clinical Oncology** 2020 Feb;43(2):94-100. PMID:31809329
2. Rachel Xi-Yeen Ho, Razie Amraei, Kyle Oliver, Corcino, De La Cena, Evan G. Sutherland, Farzad Mortazavi, Thor Stein **Vipul Chitalia**, Nader Rahimi. Loss of MINAR2 impairs motor function and causes Parkinson's disease-like symptoms in mice. **Brain Communication** (epub) 2020.
3. Matsuura S*, Thompson C.R.*, Belghasem M.E., Bekendam R.H., Piasecki A, Ray A, Italiano J, Yang M, Merrill-Skoloff G, Chitalia V.C., Flaumenhaft R. and Ravid K. Platelet Dysfunction in JAK2V617F-Mutated Primary Myelofibrotic Mice. **ATVB**, 2020 (accepted)
4. Ravid, J., Kamal M.H, Chitalia V.C.. Uremic Solutes as Therapeutic Targets in CKD Associated Cardiovascular Disease. *Nature Review in Nephrology*
5. Ravid J, Chitalia V.C. Molecular Mechanisms of Uremic Solutes causing Cardiovascular Disease in CKD. **Cells** *Review)
- 6.

2019

7. Gary H. Chang, Dara A. Azar, Chimera Lyle, **Vipul C. Chitalia**, Tarek Shazly, Vijaya B. Kolachalama. Intrinsic coating morphology modulates acute drug transfer in drug-coated balloon therapy. **Scientific**

Vipul Chitalia, M.B., B.S., Ph.D.

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