

Curriculum Vitae

Last Updated: 1/3/2023

PERSONAL DATA

Name: Tianxin Yang

Birth Place: Henan, China

Citizenship: United States

Marital status: (Married with Tianxiong Li; 3 children: Kevin, Alex, and Olivia)

Date of Birth: 10/15/1963

Home address: 4343 S 1350 E, Salt Lake City, Utah 84124

EDUCATION

| <u>Years</u> | <u>Degree</u> | <u>Institution (Area of Study)</u> |
|--------------|---------------------|---|
| 1980 - 1986 | M.D. | Sun Yat-sen University of Medical Sciences Guangzhou, P.R. China |
| 1986 - 1990 | Resident | Peking Union Medical College Hospital Beijing, P.R. China |
| 1992 - 1998 | Ph.D. | Tokyo Medical and Dental University (Renal Physiology) |
| 1994 - 1995 | Postdoctoral Fellow | University of Michigan (Renal Physiology) Ann Arbor, Michigan |

BOARD CERTIFICATIONS

None

PROFESSIONAL EXPERIENCE

PROFESSIONAL EXPERIENCE

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|--------------|--|
| 1995--1998 | Research Investigator, Division of Nephrology, University of Michigan, Ann Arbor, Michigan |
| 1998—2000 | Senior Staff Fellow, NIDDK, National Institute of Health, Bethesda, Maryland |
| 2000—2002 | Staff Scientist, NIDDK, National Institute of Health Bethesda, Maryland |
| 2003-1/2005 | Associate Professor of Medicine (non-tenure track), Division of Nephrology, University of Utah, Salt Lake City, Utah |
| 1/2005-2008 | Associate Professor of Medicine (tenure track), Division of Nephrology, University of Utah, Salt Lake City, Utah |
| 2008-2009 | Associate Professor of Medicine with Tenure, Division of Nephrology, University of Utah, Salt Lake City, Utah |
| 2009-Present | Professor of Medicine with Tenure, Division of Nephrology, University of Utah, Salt Lake City, Utah |
| 2002-2006 | Research Investigator, Veterans Affairs Salt Lake Health Care System, Salt Lake City, Utah |
| 2006-2009 | Research Biologist (GS-13), Veterans Affairs Salt Lake Health Care System, Salt Lake City, Utah |

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| 2009-2015 | Research Biologist (GS-14), Veterans Affairs Salt Lake Health Care System, Salt Lake City, Utah |
| 2015-Present | Research Biologist (GS-15), Veterans Affairs Salt Lake Health Care System, Salt Lake City, Utah |
| 2004-2011 | Adjunct Associate Professor of Physiology, Department of Physiology, University of Utah, Salt Lake City, Utah |
| 2011-2014 | Adjunct Professor of Physiology, Department of Physiology, University of Utah, Salt Lake City, Utah |
| 2017-Present | Adjunct Professor of Physiology, Department of Nutrition and Integrative Physiology, University of Utah, Salt Lake City, Utah |
| 2006-2009 | Margaret A. Amundsen Endowed Professor of Medicine, Department of Internal Medicine, University of Utah, Salt Lake City, Utah |
| 2016-Present | Dialysis Research Foundation Endowed Chair, Department of Internal Medicine, University of Utah, Salt Lake City, Utah |
| 2022-Present | Investigator, Bioscience Program, University of Utah School of Medicine. |

Editorial Experience

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|--------------|---|
| 2009-2011 | Associate Editor, <i>PPAR Research</i> |
| 2009-Present | Editorial Board, <i>PPAR Research</i> |
| 2009 | Guest Editor, Special Issue on PPAR and Hypertension for <i>PPAR Research</i> |
| 2012-Present | Editorial Board, <i>Frontiers in Renal and Epithelial Physiology</i> |
| 2012-2020 | Editorial Board, <i>American Journal of Physiology-Renal Physiology</i> |
| 2013 | Guest Editor, Special Issue on PPAR regulation of systemic and pulmonary arterial pressure for <i>PPAR Research</i> |
| 2013-Present | Editorial Board, <i>Journal of American Society of Nephrology</i> |
| 2014-Present | Editorial Board, <i>Hypertension</i> |
| 2015-Present | Editorial Board, <i>BMC Medicine</i> |
| 2019-Present | Consulting Editor, <i>JCI Insight</i> |
| 2021-Present | Associate Editor, <i>Frontier in Physiology-Renal and Epithelial Physiology</i> . |

Reviewer Experience

Reviewer for *American Journal Physiology-Renal*
Reviewer for *Journal of Clinical Investigation*
Reviewer for *American Journal Physiology-Regulatory*
Reviewer for *Hypertension*
Reviewer for *Circulation Research*
Reviewer for *ATVB*
Reviewer for *PNAS*
Reviewer for *Journal of American Society of Nephrology*
Reviewer for *Journal of Molecular Histology*
Reviewer for *Kidney International*
Reviewer for *Physiological Genomics*
Reviewer for *Acta Physiologica*
Reviewer for *Circulation Research*
Reviewer for *Journal of Nephrology*
Reviewer for *Diabetologia*

Reviewer for *Nephrol Dial Transplant*
Reviewer for *British Journal of Pharmacology*
Reviewer for *Antioxidants and Redox Signaling*

SCHOLASTIC HONORS

1980 -1985 Distinguished Student Award received every year for 5 years
1997 Michigan Kidney Foundation Fellowship Award
2003 NIDDK Career Development Award (KO-1)
2003 Travel Award from Cayman Chemicals
2003 American Heart Association Scientist Development award
2006 Winner of the Harry Goldblatt New Investigator Award, Council on High Blood Pressure Research
2006 -2009 Margaret A. Amundsen Endowed Professor of Medicine, University of Utah
2009 Established Investigator Award, American Heart Association
2010-2015 Research Career Scientist Award, Department of Veterans Affairs
2015-2020 Senior Research Career Scientist Award, Department of Veterans Affairs (renewed)
2013 Star Reviewer for *American Journal of Physiology*
2015 GS-15 Research Biologist, Department of Veterans Affairs
2015 Renal Ambassador for *American Society of Physiology-Renal Physiology*
2016 Lewis K. Dahl Memorial Lecture, AHA Council for High Blood Pressure Research, Orlando
2021 Top Discoveries, Department of Internal Medicine, University of Utah
2021 John R. Hoidal Senior Investigator Award, Department of Internal Medicine, University of Utah

ADMINISTRATIVE EXPERIENCE

Administrative Duties

2003 - Present Member, the Research Safety Committee, the VA Salt Lake City Health Care System
2004 -2007 Member, the Research and Development (R & D) Committee, the VA Salt Lake City Health Care System
2009-2018 Member, the Research and Development (R & D) Committee, the VA Salt Lake City Health Care System
2008-2011 Member, the Funding Incentive Seed Grant Committee, the University of Utah
2014-2017 Member, the Funding Incentive Seed Grant Committee, the University of Utah
2015-2018 Member, Admission Committee of School of Medicine, University of Utah
2022-Present Member, Tenured Faculty Review (TFR) Committee, Department of Internal Medicine, University of Utah
2022 The Search Committee for Chief of Division of Nephrology and Hypertension, Department of Internal Medicine, University of Utah
2022 The Advisory Search Committee for Chief of Division of Nephrology and Hypertension, Department of Internal Medicine, University of Utah

Professional & Scientific Committees

2000 -2002 Member, National Kidney Foundation, National Capitol Area: Research Committee
2004 Abstract Reviewer, American Society of Nephrology, Annual Meeting
2006 Abstract Reviewer, American Society of Nephrology, Annual Meeting

2007 Abstract Reviewer, American Society of Nephrology, Annual Meeting
 2008 Abstract Reviewer, American Society of Nephrology, Annual Meeting
 2009 Abstract Reviewer, Annual Meeting of American Society of Nephrology
 2010 Chair, Hypertension/Basic (abstract reviewing), Annual Meeting of American Society of Nephrology

Grant Review Committee/Study Section

2000 -2002 Regular Member, National Kidney Foundation of the National Capital Area: Research Committee
 2001 Ad Hoc Reviewer, Department of Veterans Affairs
 2004 -2006 Regular Member, American Heart Association Cardiorenal Review Committee
 2006 Ad Hoc Reviewer, NIH Study Section Special Emphasis Panel
 2006 Ad Hoc Reviewer, National Science Foundation
 2008-2010 Regular Member, American Heart Association Region III Peer Review Committee
 2008 Ad Hoc Reviewer, International and Cooperative Projects study section, NIH
 2009 Ad Hoc Reviewer, Center on Aging, University of Utah
 2009 Ad Hoc Reviewer, International and Cooperative Projects study section, NIH
 2009 Ad Hoc Reviewer, Center on Aging, University of Utah
 2010 Ad Hoc Reviewer, Center for Clinical and Translational Science, University of Utah
 2010 Ad Hoc Reviewer, Pathobiology of Kidney Disease (PBKD) study section, NIH
 2010 Ad Hoc Reviewer, Pathobiology of Kidney Disease (PBKD) study section, NIH
 2010 Ad Hoc Reviewer, Support of Competitive Research (SCORE) study section, NIH
 2011 Ad Hoc Reviewer, Special Emphasis Panel on Program Project, Center of Scientific Review, NIH
 2012 Ad Hoc Review, Special Emphasis Panel, Kidney Pathobiology and Molecular Biology and Genitourinary Organ Development ZRG1, Center of Scientific Review, NIH
 Ad Hoc Reviewer, Hypertension and Micro circulation, Center of Scientific Review, NIH
 2012 Ad Hoc Reviewer, Special Emphasis Panel on Program Project, Center of Scientific Review, NIH
 2013 Ad Hoc Reviewer, Special Emphasis Panel, Center of Scientific Review, NIH
 2013 Regular member, Vascular Key Projects Committee, National Science Foundation of China
 2014 Ad Hoc Review, Special Emphasis Panel on the Vascular and Hematology SEP ZRG1 VH-N (02), Center of Scientific Review, NIH
 2014 Ad Hoc Review, Key Projects, Department of Life and Science, National Science Foundation of China
 2014 Ad Hoc Reviewer, Key Projects, Department of Medicine and Science, National Science Foundation of China
 2014 Ad Hoc Reviewer, Outstanding Youth Award, Department of Medicine and Science, National Science Foundation of China
 2014 Ad Hoc Reviewer, Special Emphasis Panel ZRG1 EMNR-R(56) on “Early-Stage Pharmacological Validation of Novel Targets and Accompanying Pre-Therapeutic Leads for Diseases of Interest to the NIDDK (R01)”, Center of Scientific Review, NIH
 2015 Ad Hoc Reviewer, Special Emphasis Panel ZRG1 EMNR-R(56) on “Early-Stage Pharmacological Validation of Novel Targets and Accompanying Pre-Therapeutic Leads for Diseases of Interest to the NIDDK (R01)”, Center of Scientific Review, NIH
 2016

- 2016 Ad Hoc Member, Hypertension and Microcirculation Study Section, Center of Scientific Review, NIH
Ad Hoc Reviewer, PAR-13-007, “Early-Stage Pharmacological Validation of Novel Targets and Accompanying Pre-Therapeutic Leads for Diseases of Interest to the NIDDK (R01).
- 2016 Ad Hoc Reviewer, Vascular and Hematology SEP ZRG1 VH-N (02)
- 2016 Ad Hoc Reviewer, the Barnwell and Middleton Review Panel, the Department of Veterans Affairs
Ad Hoc Reviewer, PAR-16-064: Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21), NIDDK/KUH
- 2016 Ad Hoc Reviewer, PAR-16-064: Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21).
- 2017 Ad Hoc Reviewer, NEPH Merit study, Department of Veterans Affairs, Washington DC.
- 2017 Ad Hoc Reviewer, PAR-16-064: Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21).
- 2017 Ad Hoc Reviewer, PAR-16-064: Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21).
- 2018-2020 Member, Hypertension and Microcirculation (HM) Study Section, Center for Scientific Review.
- 2018 Ad Hoc Reviewer, NEPH Merit study, Department of Veterans Affairs, Washington DC.
- 2018 Ad Hoc Reviewer, PAR-16-064: Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21).
- 2021-2021 Member, Integrative Vascular Physiology and Pathology (IVPP) Study Section, Center of Scientific Review

Symposium/Meeting Chair/Coordinator

- 2004 Moderator, Section of Lipids and Vascular Diseases, Annual Meeting of American Society of Nephrology
- 2005 2005 Member, Organizing Committee of Ninth International Conference on Endothelin-1, Park City, Utah
- 2006 2006 Modulator, Section of Vascular Regulation, Annual Meeting of American Society of Nephrology, San Diego, California
- 2006 Moderator, Section of “Prostaglandins in the kidney”, 15TH World Congress of Pharmacology, Beijing, China
- 2007 Chair, International Conference on Metabolic Syndrome, Jinan, China
- 2008 Vice President and Chair, International Conference on Tissue Bioengineering, Jinan, China
- 2008 Moderator, Symposium “effects of PPARgamma ligands in the kidney”, Annual Meeting of American Society of Nephrology,
- 2009 Moderator, Second Symposium on Renal Disease, Guangzhou, China
- 2010 Session Co-Chair, Symposium of “Salt retention and renal damage in obesity”, FASEB Summer Research Conferences, Saxtons River, Vermont
- 2010 Session Co-Chair, Symposium of “Circadian regulation of blood pressure”, Annual Meeting of American Society of Nephrology, Denver
- 2013 Chair, Annual Meeting of Cardiovascular Program, Sun-yat Sen University, Guangzhou, China
- 2014 Organizer, The First Guangzhou International Forum on Hypertension Research, Guangzhou, China
- 2015 Organizer, The Second Guangzhou International Forum on Hypertension Research, Guangzhou, China
- 2015

2015 Moderator, The Second Guangzhou International Forum on Hypertension Research, Guangzhou, China

2016 Host, the Benning lecture by Dr. Jan-Ake Gustafson from University of Houston.

2016 Co-Moderator, The session entitled: Feeling the pinch of salt: the intra-renal renin-angiotensin system and hypertension, ASN, Chicago

2017 Co-Moderator, The session entitled: macrophage and lipid metabolism, Canada-China Symposium of Atherosclerosis and Vascular Biology, Calgary, Canada

2018 Co-Moderator, The Asian-Pacific session on hypertension, AHA Council on Hypertension, San Francisco

2019 Co-President, International Society of Hypertension (ISH) Satellite Symposium on RAAS, Guangzhou, China

2022 Executive Chair, the First Chinese Cardiorenal Dialogue Conference, Zhengzhou, China

Co-Moderator, The session entitled: What's the Time in the Tubule, ASN, Orlando, FL.

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Society of Nephrology
 American Physiological Society
 American Heart Association
 American Diabetes Association
 Chinese American Society of Nephrology
 President, Chinese American Scientist Society

FUNDING

Active Grants

4/1/2020-3/31/2027 Senior Research Career Scientist Award
 Costs: \$1,015,000
 Funding Source: Department of Veterans Affairs
 Role: Awardee

7/1/2017-6/30/2022 RO-1 HL135851
 (NCE till 6/30/2023) Title: Interaction of (pro)renin receptor and PPAR γ in regulation of plasma volume
 Total cost: \$2,298,375
 Funding Source: NHLBI
 Role: PI

10/1/2020-3/31/2024 Merit Review I01BX004871
 Title: Defining renal S1P/sPRR/AT1R pathway in salt-sensitive hypertension
 Total Costs: \$650,000
 Funding Source: Department of Veterans Affairs
 Role: PI

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| 6/1/2018-3/31/2022 (NCE till 3/31/2023) | RO-1 HL139689 Title: Role of (pro)renin receptor in aldosterone signaling in the kidney Total Costs: \$2,301,236 Funding source: NHLBI Role: PI |
| 1/1/2020-12/31/2024 | K99/R00 HL155850-01 (PI: Fei Wang) Title: Role of CTRP1 in Renal Sodium Handling in Obesity-Related Hypertension Funding institute: NHLBI Total Costs: \$709,000 Role: Mentor |
| 7/1/2022-6/30/2026 | R01 HL160020-01A1 Title: Adipose-derived sPRR controls circadian rhythm of blood pressure through i renal NCC activity Funding institute: NHLBI Total cost: \$2,390,378 Role: PI |
| 7/1/2022-4/30/2026 | R01 DK104072-05A1 Title: Cloning and characterization of PRR24 as a specific renin receptor critically involved in vasopressin signaling in the kidney Funding institute: NIDDK Total cost: 2,112,000. Role: PI |
| Pending | |
| 7/1/2023- 06/30/2028 | R01 HL139689-05A1 Title: Cathepsin B-driven intrarenal RAS in hypertension and renal injury Funding institute: NHLBI Total cost: \$3,362,465 Role: PI |

Past Grants since 2003

- 10/1/2016- Merit Review 1I01BX002817
Title: Role of renal (pro)renin receptor in hypertension and kidney injury
Direct cost: \$650,000
Funding Source: Department of Veterans Affairs
Role: PI
9/30/2020
- 1/1/2019- AHA Postdoctoral Fellowship grant: 19POST34410068 (PI: Chuanming Xu),
12/1/2020 Title: Role of the intrarenal RAAS in regulation of kaliuresis
Role: Mentor
Total Costs: \$105,000
- 1/1/2019- AHA Postdoctoral Fellowship grant: 19POST34400031 (PI: Fei Wang)
12/1/2020 Title: Role of Site-1 Protease-Derived Soluble (Pro)Renin Receptor in Water Homeostasis
Role: Mentor
Total Costs: \$105,000
- 2/1/2015- R01 DK104072-01 (no cost extension to 1/31/2020)
1/31/2019 Title: Interaction of PGE2 and intrarenal RAS in AngII-induced hypertension
Total Costs: \$1,956,000
Funding Source: NIDDK
Role: PI
- 8/1/2013- RO-1 DK094956
7/31/2018 Title: Lipid mediators in the control of blood pressure during
metabolic stresses
Total Costs: \$1,624,500
Funding Source: National Institute of Health
Role: PI
- 10/1/2008- Merit Review
9/30/2012 Title: Role of collecting duct adenylyl cyclase in mediating AVP action
Direct cost: \$650,000
Funding Source: Department of Veterans Affairs
Role: Co-Investigator (PI: Donald E. Kohan)
Percent Effort: 5%

08/01/98 Intramural funds
11/25/02 Title: Cyclooxygenase-2 in regulation of renal function
Direct Costs: N.A.
Funding Source: NIDDK/NIH
Position: Staff Scientist

07/01/03 Scientist Development Grant 0335305N
09/30/03 Title: Interaction of COX-2 and nNOS in renin secretion
Direct Costs: \$240,000
Funding Source: American Heart Association
Note: This award was terminated on 9/29/2003 due to overlap with K01 DK064981

02/01/03 K01DK064981
11/16/07 Title: Interaction of COX-2 and nNOS in renin secretion
Direct Costs: \$625,000
Funding Source: NIDDK/NIH
Role: PI

09/01/04 Title: Renal medullary COX-2 in blood pressure regulation
08/31/05 Direct Costs: \$15,000
Funding Source: National Kidney foundation of Utah
Role: PI

08/10/05 Title: Relationship of calcineurin and COX-2 in postnatal kidney development
08/09/06 Direct Costs: \$15,000
Funding Source: National Kidney foundation of Utah
Role: PI
Catalyst Grant

11/01/06 Title: Role of renal PPARgamma in obesity hypertension
10/31/07 Direct Costs: \$20,000
Funding Source: University of Utah
Role: Co-PI

R21 DK069490
07/01/05 Title: Generation of collecting duct knockout of PPARgamma
06/30/08 Direct Costs: \$200,000
Funding Source: NIDDK/NIH
Role: PI

RO1 DK066592
02/01/04 Title: Interaction of COX-2 and nNOS in Renin Secretion
01/31/09 Direct Costs: \$820,000
Funding Source: NIDDK/NIH
Role: PI

7/1/2008 Micro-grant
6/30/2009 Title: Nitro-docosahexaenoic acid for treatment of obesity and obesity-related
Conditions

Direct Costs: \$5,000
 Funding Source: University of Utah
 Role: PI

02/01/05 RO1 HL079453 (no cost extension till 1/31/2010)
 01/31/09 Title: Renal medullary COX-2 in blood pressure control
 Direct Costs: \$820,000
 Funding Source: NHLBI/NIH
 Role: PI

7/1/2008 TCP grant
 9/30/2010 Title: The use of nitro-oleic acids for the treatment of obesity and lipid disorders
 Direct Costs: \$70,000
 Funding Source: University of Utah
 Role: PI

4/1/2009- Title: Effect of ACTH on diabetic nephropathy in Zucker rats
 3/30/2010 Direct Cost: \$25,000
 Funding Source: Therarenal, LLC
 Percent Effort: 2%

12/16/2006- Merit Review
 09/30/11 Title: Renal and vascular PPARgamma in regulation of blood pressure
 Direct Costs: \$650,000
 Funding Source: Department of Veterans Affairs
 Role: PI

8/1/2009- RO-1 DK079162
 7/31/2013 Title: Nitrated fatty acids/PPARgamma in regulation of sodium transport
 Direct Costs: \$967,000
 Funding Source: National Institute of Health
 Role: PI

1/1/2009 Established Investigator Award
 1/1/2014 Title: Dysregulation of prostaglandins and PPARgamma in obesity-induced Hypertension
 Direct Costs: \$500,000

4/1/2010- Research Career Scientist Award
 3/31/2015 Direct Costs: \$750,000 (for salary support only)
 Funding Source: Department of Veterans Affairs
 Role: PI

4/1/2011- Merit Review (No-cost extension till 9/30/2015)
 3/31/2015 Title: mPGES-1/EP1 in volume regulation
 Direct Costs: \$650,000
 Funding Source: Department of Veterans Affairs
 Role: PI

2011-2015 Scientist Development Grant (Jia, Zhanjun)

Title: mPGES-1 and aldosterone escape
 Direct cost: \$280,000
 Funding source: American Heart Association
 Role: Mentor

2016-2017 Leptin regulation of cardiovascular rhythm
 Direct cost: \$30,000
 Funding source: WIBR
 Role: PI

Past Contracts

08/20/06 - 02/20/08 Title: Effect of metaglidasen on sodium transport in renal collecting duct c
 Direct Costs: \$7,000
 Funding Source: Therarenal, LLC
 Role: PI

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

Courses Directed:

2008/3 – 2014 Physiology 5200 (Endocrinology), Department of Physiology
2008/4 –Present Physiology 6384, College of Health

Small Group Teaching

2004 – 2007 The Small Group Discussions for the medical-student nephrology organ system course.

2017-2019 Admission Committee, Department of Nutrition & Integrative Physiology, College of Health, University of Utah

| <u>Name</u> | <u>Trainee Status</u> | <u>Inclusive Dates</u> | <u>Current Position</u> |
|--------------------|---|-------------------------------|---|
| Zhanjun Jia | Research Instructor Ph.D., Postdoctoral Fellow | 2012-2015 8/2005-2012 | Professor, Division of Nephrology, University of Utah; Director of Key Laboratory of Renal Research, Nanjing Medical University |
| Kannaree Kaewsaro | Ph.D. Candidate | 3/2022-Present | N/A |
| Huaqing Zheng | Ph.D. Candidate | 12/2019-Present | N/A |
| Yanting Chen | Ph.D. Candidate | 12/2019-11/2021 | Postdoctoral fellow, Duke University |
| Ziwei Fu | Ph.D. Postdoctoral Fellow | 11/2019-Present | N/A |
| Brittin Hekking | B.S. candidate University of Utah | 9/2019-Present | N/A |
| Ye Feng | M.D., Ph.D. Postdoctoral Fellow | 8/2019-1/2022 | Physician, Division of Nephrology, Northern Jiangsu People's Hospital; Associate Professor, Yangzhou University, China |

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| Renfei Luo | Ph.D. Postdoctoral Fellow | 7/2017-2/2021 | Associate Professor, Anhui Medical University, China. |
| Mi Liu | Ph.D. Candidate | 2/2013-2017 | N/A |
| Xiaohan Lu | M.D., Ph.D. Candidate | 7/2013-2017 | Postdoctoral fellow, Duke University |
| Fei Wang | Ph.D. Candidate and Postdoctoral Fellow | 9/2013-present | K99/R00 recipient |
| Kexin Peng | Ph.D. Candidate | 3/2014-2018 | N/A |
| Kevin Yang | B.S. candidate University of Utah | 7/2014- 2020 | N/A |
| Adam Nau | B.S. candidate University of Utah | 4/2014-2016 | N/A |
| Wenling Ye | M.D., Ph.D. Postdoctoral Fellow | 8/2003- 7/20/2005 | Associate Professor, Peking Union Medical College, China. |
| Aihua Zhang | Ph.D., Postdoctoral Fellow | 10/2004-4/2007 | Professor and Director of Institute of Pediatric, Vice President of Children's Hospital, Nanjing Medical School, Nanjing, China |
| Hui Zhang | Ph.D. candidate | 2/2004-2007 | Assistant Professor, Community College, Cleveland |
| Xiaohua Guo | M.D., Ph.D. Postdoctoral Fellow | 2/2005-2/2007 | Lab Specialist, Department of Medicine, University of Utah |
| Sunhapas Soodvilai | Ph.D. Postdoctoral Fellow | 2/2005-2008 | Associate Professor, Faculty of Science, Mahidol, University, Bangkok, Thailand |
| Haiying Liu | M.D. Postdoctoral Fellow | 6/2006-2008 | Chief Physician and Associate Professor, the Second Hospital of Shandong University, China |
| Ningning Wang | Ph.D. Postdoctoral Fellow | 2/2007-2008 | Professor, Nanjing Medical College, China |
| Guangrui Yang | Ph.D. Postdoctoral Fellow | 2007-2009 | Postdoctoral Fellow, U Penn |
| Haiping Wang | Postdoctoral Fellow | 1/2008-2011 | Chief Physician, Department of Nephrology, Shandong Provincial Hospital, Jinan, Shandong, China |
| Toshinori Aoyagi | Ph.D. Postdoctoral Fellow | 11/2007-2009 | Assistant Professor, College of Pharmacy, Iwate Medical University, Japan |
| Ying Liu | Ph.D. Postdoctoral Fellow | 2011-2013 | Associate Professor, Department of Physiology, Central Southern University, Changsha, China |
| Li Zhou | Ph.D. exchange Ph.D. student | 2011-2013 | Postdoctoral Fellow, Hypertension Institute, Sun Yat-sen University School of Medicine, Guangzhou, China |
| Shanshan Liu | exchange Ph.D. student | 2011-2013 | Resident, Department of Nephrology, Second Hospital of Shandong University, Jinan, China |
| Nabil Foudi | Ph.D | 5/2009-2011 | Associate Professor, Department of Pharmacy, Faculty of Medicine, Ferhat Abbas University, Setif, Algeria. |
| Yutaka Kakizoe | M.D., Ph.D. Postdoctoral Fellow | 2011-2013 | Assistant Professor, Division of Nephrology, Kumamoto University, Kumamoto, Japan |
| Ying Sun | Ph.D. exchange Ph.D. student | 2011-2013 | Professor, Xuzhou Medical University, China. |
| Maicy Downton | B.S. candidate University of Utah | 2010-2014 | N/A |
| Alexandra Pinisuiik | B.S. candidate University of Utah | 2010-2012 | N/A |

PEER-REVIEWED JOURNAL ARTICLES

1. Marumo F, **Yang T.** (1992). Abnormalities of Ca⁺⁺ metabolism in chronic renal failure (In Japanese). *J Intern Med*, 69, 674-677.
2. **Yang T**, Terada Y, Nonoguchi H, Tomita K, Marumo F. Effect of hyperosmolality on production and mRNA expression of endothelin-1 in inner medullary collecting duct. *Am J Physiol-Renal* 264:F648-F689, 1993
3. Terada Y, Nonoguchi H, Tomita K, **Yang T**, Marumo F. Expression of endothelin-3 mRNA along rat nephron segments using polymerase chain reaction. *Kidney Int.* 44:1273-1280, 1993

4. Marumo F, **Yang T**. (1993). Autoregulation of body fluid: Importance of hormone action and renal function (In Japanese). *Pathophysiology*, 12, 394-395.
5. Terada Y, Nonoguchi H, Tomita K, **Yang T**, Marumo F. Different localization and regulation of two types of vasopressin receptor mRNA in the microdissected rat nephron segments using reverse transcription polymerase chain reaction. *J. Clin. Invest.* 92:2339-2345, 1993
6. Terada Y, Nonoguchi H, Tomita K, **Yang T**, Marumo F. Sequential activation of raf-1 kinase, MAP kinase kinase, MAP kinase, and S6 kinase by hyperosmolality in renal cells. *J. Biol. Chem.* 269:31296-31301, 1994
7. Otsuka M, Terada Y, **Yang T**, Tomita K, Marumo F. Localization of cyclophylin A and cyclophylin C mRNA in murine kidney using RT-PCR. *Kidney Int.* 45:1340-5, 1994
8. Terada Y, Tomita K, Nonoguchi H, **Yang T**, Marumo F. PCR localization of C-type natriuretic peptide and B-type receptor mRNAs in the rat nephron segments. *Am J Physiol-Renal.* 267:F2150-F222, 1994
9. **Yang T**, Terada Y, Nonoguchi H, Tomita K, Marumo F. Distribution of kallikrein-binding protein mRNA in kidneys and difference between SHR and WKY rats. *Am J Physiol-Renal.* 267:F325-F330, 1994
10. **Yang T**, Terada Y, Nonoguchi H, Tomita K, Marumo F. Expression of mRNAs for different types of IP3 receptors in the rat kidney. *Am J Physiol-Renal* 268 :F1046-F1052, 1995
11. Terada Y, Tomita K, Homma MK, Nonoguchi H, **Yang T**, Yamada T, Yuasa Y, Krebs EG, Marumo F. Sequential activation of MAP kinase cascade by angiotensin II in opossum kidney cells. *Kidney Int.* 48:1801-9, 1995
12. **Yang T**, Hassan S, Singh I, Brosius FC, Holzman L, Schnermann J, Briggs J. SA gene mRNA expression in the kidney is localized to the proximal tubules. *Hypertension.* 27: 541-551, 1996
13. Singh I., Grams M., Wang W, **Yang T**, Schnermann J, Briggs J. Coordinate regulation of nitric oxide synthase, renin, and angiotensinogen mRNA by dietary salt. *Am J Physiol-Renal.* 270:F1027-1037, 1996
14. Schnermann J, Zhu XL, Shu X, **Yang T**, Huang YG, Kretzler M, Briggs JP. Regulation of endothelin production and secretion in cultured collecting duct cells by endogenous transforming growth factor-beta. *Endocrinology* 137:5000-5008, 1996
15. **Yang T**, Huang Y, Sing I, Schnermann J, Briggs J. Localization of bumetanide- and thiazide-sensitive Na- K-Cl cotransporters along the rat nephron. *Am J Physiol-Renal.* 40:F931-939, 1996
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3. Serial#:61/525,543: Combination therapy with nitrated lipids and inhibitors of the renin-angiotensin-aldosterone system.
4. Patent number: US 9,586,995 B2, Compositions and methods of use for (pro)renin receptor.
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ABSTRACTS

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120. **Yang T** and Jia Z. Role of EP1 Receptors in Aldosterone Escape in Mice. *Annual Conference for High Blood Pressure Research.* 2010.
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126. **Yang T**, Aoyagi T, Yang G, Sun Y, and Jia Z. Endothelial mPGES-1 mediates TZD-induced capillary hyperpermeability in adipose tissue. *Annual Conference for High Blood Pressure Research.* 2012.
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130. Sun Y, Jia Z, Yang K, Liu M, and **Yang T**. COX-2, but not mPGES-1 Mediates Renal PGE2 Synthesis and Nephropathy in STZ-induced Type-1 Diabetes. *J. Am. Soc. Nephrol.* 2013.
131. Sun Y, Jia Z, Yang K, Liu M, and **Yang T**. mPGES-2 Deletion Improves Glucose Metabolism but Enhances Streptozotocin-induced Liver Toxicity. *J. Am. Soc. Nephrol.* 2013.
132. **Yang T**, Liu M, and Jia Z. Systemic PPAR γ Deletion in Mice Leads to Sympathoactivation. *J. Am. Soc. Nephrol.* 2013.
133. Jia Z, Sun Y, and **Yang T**. mPGES-1 Deletion Increases Blood Lithium Concentration and Enhances Colon Injury via Elevated Oxidative Stress. *J. Am. Soc. Nephrol.* 2013.
134. Wang F, Lu X, Zhou L, Li C and **Yang T**. Defining the Cox-2/PGE2/EP4,1 Pathway in Mediating Ang II-induced (pro)renin Receptor Expression in Primary Rat Inner Medullary Collecting Duct Cells. *Annual Conference for High Blood Pressure Research.* 2013.
135. Wang F, Lu X, Peng K, Nau Adam, Kohan DE, Feng Yu and **Yang T**. Renal Medullary (pro)renin Receptor Mediates Angiotensin II-Induced Hypertension via Enhancement of Local Renin Response and Renal Medullary alpha-ENaC Expression. *High Blood Pressure Research.* 2014

Invited/Visiting Professor Presentations

International

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| 2002 | 3rd International Meeting on Cyclooxygenase-2 in Regensburg, Germany |
| 2003 | Seminar entitled "COX-2 and the kidney", University of Aarhus, Aarhus, Denmark |
| 2003 | Seminar entitled "COX-2 and the kidney", University of Southern Denmark, Odense, Denmark |
| 2004 | Seminar entitled "COX-2 and sodium balance", Nanjing Medical University, Nanjing, China |
| 2004 | Seminar entitled "COX-2 and sodium balance", Peking Union Medical College Hospital, Beijing, China |

- 2005 Seminar entitled" Collecting Duct-specific Deletion of PPAR γ Blocks Thiazolidinedione-induced Fluid Retention", Zhongshan University, Guangzhou, China
- 2006 Seminar entitled"Renal prostaglandins, dietary salt and blood pressure", Merck Frosst, Montreal, Canada
- 2006 Seminar entitled" Renal medullary COX-2 and renal mPGES-1 in blood pressure regulation", 15TH World Congress of Pharmacology, Beijing, China, July 2-7, 2006
- 2006 Seminar entitled" Renal function of PPARgamma", Zhengzhou University School of Medicine, Zhengzhou, P.R.China
- 2006 Seminar entitled" Renal prostaglandins, dietary salt and blood pressure" at First Symposium on Renal Disease, Guangzhou, P.R. China
- 2006 Seminar entitled" Renal function of PPARgamma", Shandong University, Jinan, P.R.China
- 2007 Seminar entitled"PPARGamma and metabolic syndrome", International Conference on Metabolic Syndrome, Jinan, P.R. China
- 2008 Seminar entitled" Promise and risk of prostaglandin E synthase inhibition", International Conference on Tissue Bioengineering, Jinan, P.R. China
- 2009 Seminar entitled"PPARGamma regulates sodium balance and blood pressure" at Second Symposium on Renal Disease, Guangzhou, China
- 2009 Seminar entitled"PPARGamma regulates sodium balance and blood pressure", Children's Hospital, Nanjing Medical University, Nanjing, China
- 2009 Seminar entitled"PPARGamma agonists: Problems and solutions", Division of Nephrology, Peking University First Hospital, Beijing, China
- 2009 Seminar entitled"PPARGamma agonists: Problems and solutions", Dept. of Physiology, Peking University, Beijing, China
- 2009 Seminar entitled"PPARGamma agonists: Problems and solutions", Division of Nephrology, Peking Union Hospital, Beijing, China
- 2009 Seminar entitled"PPARGamma agonists: Problems and solutions", Division of General Medicine, Peking Union Hospital, Beijing, China
- 2010 Seminar entitled"PPARGamma integrates fluid and energy metabolism and circadian rhythms, Department of Internal Medicine, Shandong University, Jinan, China
- 2010 Seminar entitled"PPARGamma agonists: Problems and solutions", the Second Clinical Endocrinology Forum, Beijing, China
- 2010 Seminar entitled" Prostaglandins and blood pressure regulation", Division of Nephrology, Peking Union Hospital, Beijing, China
- 2011 Seminar entitled"PPARGamma, fluid retention, and renal disease", Forefronts in Glomerular Disease-Nanjing Forum 2011, Nanjing, China
- 2011 Seminar entitled"Prostaglandins in renal health and disease", Nanjing Medical University, Nanjing, China
- 2011 Seminar entitled"PPARGamma, fluid retention, and renal disease", Nephrology Institute, Nanfang Medical University, Guangzhou, China
- 2011 Seminar entitled"PPARGamma, fluid retention, and renal disease", 2011Orental Congress of Nephrology, Shanghai, China
- 2011 Seminar entitled"Mechanism of TZD-induced fluid retention", Department of Physiology, Peking University, Beijing, China
- 2011 Seminar entitled"PPARGamma regulation of circadian rhythm", Annual Meeting of Cardiovascular Program, Zhongshan University, Gunagzhou, China
- 2012 Seminar entitled"PPARGamma regulation of circadian rhythm", Annual Meeting of Chinese Society of Renal Physiology, Guiyang, China
- 2012 Seminar entitled"PPARGamma regulation of sympathetic activity", Annual Meeting of Chinese Society of Renal Physiology, Nanjing, China
- 2013

- 2013 Seminar entitled "The current status of antidiabetic therapy", Annual Meeting of Science and Technology, Guiyang, China
- 2013 Seminar entitled "PPARgamma and sympathetic nerve", Second Annual Meeting of Cardiovascular Program, Sun Yat-sen University, Guangzhou, China
- 2013 Seminar entitled "PPARgamma and sympathetic nerve", Symposium on Hypertension and Kidney Disease, Nanfang University, Guangzhou, China
- 2013 Seminar entitled "PPARgamma and cardiovascular rhythm", Annual Lingnan Cardiovascular Conference, Guangzhou, China
- 2013 Seminar entitled "Thiazolidinedione-induced fluid retention and renoprotective action of nitrated free fatty acids, Departemnt of Cardiology, Guangdong People's Hospital, Guangzhou, China
- 2013 Seminar entitled "Targeting Nrf2 in chronic kidney disease", Annual Meeting of Chinese Society of Nephrology, Fuzhou, Fujian, China
- 2013 Seminar entitled "Carcadian rhythm of cardiovascular function", Great Wall International Congress, Beijing, China
- 2013 Seminar entitled "Interaction of renal medullary PGE2 and prorenin receptor in AngII hypertension", Great Wall International Congress, Beijing, China
- 2013 Seminar entitled "Interaction of renal medullary PGE2 and prorenin receptor in AngII hypertension", Shanghai Oriental Nephrology Congress Shanghai, China
- 2013 Seminar entitled "New therapeutic targets in CKD", Novo Nordisk Research Centre, Beijing China
- 2013 Seminar entitled "Targeting Nrf2 in diabetic nephropathy", Satellite Meeting of International Congress on Paediatric Nephropathy, Nanjing, China
- 2013 Seminar entitled "Intercation of PGE2 and (pro)renin receptor in the kidney". Annual Meeting of Japanese Society of Physiology, Kagoshima, Japan
- 2014 Seminar entitled "Does (pro)renin receptor deserve its name?". Ningnan Cardiovascular Conference, Guangzhou, China
- 2014 Seminar entitled "Intercation of PGE2 and (pro)renin receptor in the kidney". The First Guangzhou International Conference on Hypertension Research, Guangzhou, China
- 2014 Seminar entitled "Renal function of (pro)renin receptor". Nanjing Cardiovascular conference, Nanjing, China
- 2014 Seminar entitled "Renal function of (pro)renin receptor". Oriental Cardiovascular conference, Shanghai, China
- 2014 Seminar entitled "Renal function of (pro)renin receptor". Chinese Academy of Science Shanghai Institute of Nutrition, Shanghai, China
- 2014 Seminar entitled "Does (pro)renin receptor deserve its name?", First Guangzhou International Forum in Hypertension Research, Guangzhou, China
- 2014 Seminar entitled "(Pro)renin receptor and hypertension", Annual Meeting of Sun Yat-sen Cardiovascular Program, Guangzhou, China
- 2014 Seminar entitled "New therapeutic targets in CKD: Nrf2 and (P)RR", Abbvie, Shanghai, China
- 2014 Seminar entitled "New therapeutic targets in CKD: Nrf2 and (P)RR", Novo Nordisk, Beijing, China
- 2014 Seminar entitled "(Pro)renin receptor and hypertension", 5th Cardiovascular Target Therapy (CTT) and the 4th Central Congress of Cardiology (CCC) Forum, Wuhan China
- 2014 Seminar entitled "Interaction of renal prostaglandins and (pro)renin receptor during AngII-induced hypertension", 2014 International Symposium on Polyunsaturated Fatty Acid and Metabolism, Wuhan, China
- 2014 Seminar entitled "Role of (pro)renin receptor in AngII-induced hypertension", Annual Meeting of Chinese Society of Physiology, Beijing, China
- 2014 Seminar entitled "The role of (pro)renin receptor in hypertensive kidney Injury", Annual Meeting of Chinese Society of Nephrology", Xi-Aan, China

- 2014 Seminar entitled "Role of (Pro)Renin Receptor in Hypertension", Annual Meeting of Chinese Association of Hypertension", Shanghai, China
- 2014 Seminar entitled "Function of vascular (pro)renin receptor", Annual Meeting of Vascular Homeostasis and Remodeling Program of NSFC, Nanchang, China
- 2014 Seminar entitled "Local RAS and ischemic tissue injury", The 12th China Congress of the International Society for Heart Research", Harbin, China
- 2014 Seminar entitled "Intrarenal RAS and (pro)renin receptor", Cardiovascular Symposium for Graduate Education, Harbin, China
- 2014 Seminar entitled "Does (Pro)Renin Receptor Deserve It's Name The 8th Congress of International Society for Hemodialysis and the 4th Oriental Congress of Nephrology, Shanghai, China
- 2014 Seminar entitled "(Pro)renin receptor and hypertensive kidney injury", International Forum in Renal Fibrosis and Hemodialysis, Jinan, China
- 2015 Seminar entitled "(Pro)renin receptor and cardiovascular regulation", 17th Linan Congress in Cardiology, Guangzhou, China.
- 2015 Seminar entitled "(Pro)renin receptor and cardiovascular regulation", The Third Yantze River International Congress of Cardiology, Chongqing, China
- 2015 Seminar entitled "(Pro)renin receptor and fluid metabolism", The Fifth Central Cardiology Congress, Wuhan, China
- 2015 Seminar "Renal function of mPGES-1", 3rd Jinling Intl' Symposium on Cardiovascular Translational Medicine, Nanjing, China
- 2015 Seminar entitled "Function of vascular (pro)renin receptor", 2nd Major Research Plan on Vascular Diseases, Nanchang, China
- 2015 Seminar entitled "Does (pro)renin receptor deserve its name?", 1st International Congress of Chinese Nephrologists, Hong Kong, China
- 2015 Seminar entitled "Role of (pro)renin receptor in cardiovascular regulation", 2nd Guangzhou International Forum in Hypertension Research, Guangzhou, China
- 2015 Seminar entitled "(Pro)renin receptor and hypertension", Ready For 2018-The 4th China International Forum on Hypertension, Shanghai, 2015
- 2015 Seminar entitled "(Pro)renin receptor in cardiovascular regulation", Hypertension Program Development Meeting, Ruijin Hospital, Shanghai, China
- 2015 Seminar entitled "Does (pro)renin receptor deserve its name?", Annual Meeting of Chinese Society of Nephrology, Zhuhai, China
- 2015 Seminar entitled "PPAR γ integrates energy metabolism, fluid metabolism, and cardiovascular function", 8th FAOPS Congress, Bangkok, Thailand
- 2015 Seminar entitled "Renal function of (pro)renin receptor", Symposium for Hong Kong, Macau, and Guangdong, Sun Yat-sen University, Guangzhou, China
- 2015 Seminar entitled "(Pro)renin receptor and immunity-related hypertension", Annual Meeting of Sun Yat-sen University Cardiovascular Program, Sun Yat-sen University, Guangzhou, China
- 2015 Seminar entitled "Role of (pro) renin receptor in regulation of local renin-angiotensin system and blood Pressure, University Michigan-Peking University Joint Cardiovascular Symposium, Peking University, Beijing, China.
- 2016 Seminar "Role of vascular (pro)renin receptor in blood pressure control", Annual Meeting of Major Vascular Program of National Natural Science Foundation of China, Zhanjiang, China.
- 2016

- 2016 Seminar “Interaction of prostaglandins and (pro)renin receptor in cardiac hypertrophy, Symposium of Small Molecules and Cardiac Hypertrophy, National Natural Science Foundation of China, Shanghai, China.
- 2016 Seminar” Interaction between (pro)renin receptor and nuclear receptors in cardiovascular regulation” The International Symposium of Cardiovascular Basic & Translational Medicine in 18th SC-ICC, Guangzhou, China
- 2016 Seminar entitled” Local RAS and hypertension”, The 4th Wuhan International Symposium on Cardiometabolism, Wuhan, China.
- 2016 Seminar entitled” Role of (pro)renin receptor in hypertension and fluid regulation”, Canada-China Symposium of Atherosclerosis and Vascular Biology, Calgary, Canada
- 2016 Seminar entitled”Role of (pro)renin receptor in fructose-induced salt sensitive hypertension”, The Second China-Russia Conference of Young Scholars Cardiology, Haerbin, China
- 2018 Seminar entitled “Role of (pro)renin receptor in hypertension and fluid regulation”, Session of Renin-angiotensin-aldosterone system(RAAS), International Society of Hypertension (ISH)2016 official satellite symposium, Tokyo, Japan.
- 2018 Seminar entitled “The soluble (pro)renin receptor: its generation and function”, Gordon Research Conference on angiotensin, Ventura, CA, USA.
- 2018 Seminar entitled “(Pro)renin receptor and hypertension”, Annual Meeting of International Society of Hypertension, Beijing, China (scheduled).
- 2018 Seminar entitled “The soluble (pro)renin receptor: its generation and function”, AHA Council on Hypertension, Chicago, IL (scheduled).
- 2018 Seminar entitled “The Soluble (Pro)Renin Receptor in the Kidney: Its Production and Function”, The V International RAAS Symposium: "New paradigms in the RAAS transforming the future through advances in therapeutics", Sao Paulo, Brazil (scheduled).
- 2018 Seminar entitled “The Soluble (Pro)Renin Receptor in the Kidney: Its Production and Function”, the Annual Meeting of the Brazilian Society of Hypertension, Sao Paulo, Brazil (scheduled).
- 2018 Seminar entitled “The Soluble (Pro)Renin Receptor in the Kidney: Its Production and Function”, the Annual Meeting of Chinese Society of Physiology, Nanchang, China.
- 2018 Seminar entitled “The soluble (pro)renin receptor: its generation and function”, Linnan Cardiovascular Meeting. Guangzhou, China.
- 2018 Seminar entitled “The soluble (pro)renin receptor: its generation and function”, Xiaoxiang International Conference on Cardiovascular Disease, Changsha, China.
- 2018 Seminar entitled “The soluble (pro)renin receptor: its generation and function”, Oriental International Conference on Cardiovascular Disease, Shanghai, China.
- 2018 Seminar entitled “Soluble (pro)renin receptor in the kidney”, The V International Symposium on Renin-Angiotensin System: New Paradigms in the RAAS Transforming the Future through Advances in Therapeutics”, Sao Paulo, Brazil.
- 2018 Seminar entitled “Soluble (pro)renin receptor in blood pressure control”, Council on Hypertension, Chicago, IL.
- 2018 Seminar entitled “Renal function of (pro)renin receptor”, Annual Meeting of International Society of Nephrology, Beijing, China.
- 2018 Seminar entitled “(Pro)renin receptor as a target gene of PPARgamma in the kidney”, ISN RAAS Satellite Meeting, Guangzhou, China.
- 2019 Seminar entitled “S1P/sPRR in the kidney”, Annual Meeting of Chinese Society of Physiology, Nanchang, China.
- 2019

- 2019 Keynote seminar entitled:” (Pro)renin receptor as a novel target of treatment of cardiovascular and metabolic diseases”, The 47th Physiological Society of Thailand’s Annual Meeting, Thailand
- 2019 Seminar entitled”Soluble (Pro)Renin Receptor: Its signaling and function in the cardiorenal system”, Linnan Cardiovascular Meeting. Guangzhou, China.
- 2019 Seminar entitled “Soluble (Pro)Renin Receptor (sPRR) Treats Metabolic Syndrome”, Session of Basic Cardiology Research, Oriental Cardiology Conference, and Shanghai, China.
- 2019 Seminar entitled “Advances in Regulation of Renal Aquaporin-2 by (Pro)Renin Receptor and Its New Isoform”, Session of Hypertension Research, Oriental
- 2019 Cardiology Conference, Shanghai, China.
- 2019 Seminar entitled “The potential role of (pro)renin receptor in mediating cardiorenal communication”, Session of Basic Hypertension Research, 2019 National Conference on Hypertension, Beijing China.
- 2019 Seminar entitled “(Pro)renin receptor, local RAS, and CKD”, Annual Meeting of Chinese Society of Nephrology, Hangzhou, China.
- 2019 Seminar entitled ”Soluble (Pro)Renin Receptor and Cardiorenal Regulation”, 2019 Annual Meeting of Chinese Society of Renal Physiology, Chongqing, China.
- 2019 Seminar entitled ”Defining the Role of Intrarenal RAS in Sodium Balance and Blood Pressure Control”, 30th Great Wall International Cardiovascular Conference, Beijing, China.
- 2019 Seminar entitled “Soluble (Pro)Renin Receptor: A New Player in Renal Handling of Water”, The 5TH Yangtz River Internation Conference of Cardiology, Chongqing, China.
- 2020 Seminar entitled “Soluble (Pro)Renin Receptor in Health and Disease”, Changsha Cardiology Meeting, Changsha, China.
- 2020 Seminar entitled “Soluble (Pro)Renin Receptor Links the Vasculature and Renal Tubular Transport”, 2019 Zhengzhou Conference on Cardio-Renal Crosstalk, Zhengzhou, China.
- Virtual seminar entitled “An Unexpected Link between sPRR and Diabetes”, Session of Basic Cardiology Research, Oriental Cardiology Conference, and Shanghai, China.
- 2020 Virtual seminar entitled “sPRR and Hypertension”, Xinhua Cardiology Conference, Xinhua Hospital, Shanghai, China.
- 2020 Virtual seminar entitled “A Novel Role of Soluble (Pro)Renin Receptor in Metabolic Syndrome”, Qiantangjiang Conference on Cardiology, Hangzhou, China.
- 2020 Virtual seminar entitled “sPRR and Hypertension”, 31th Great Wall International Cardiovascular Conference, Beijing, China.
- 2021 Virtual seminar entitled “sPRR and Hypertension”, Changan International Cardiovascular Conference, Changan, China.
- 2021 Virtual seminar entitled “Defining sPRR as a novel regulator of renin activity in hypertension”, The 6TH Yangtz River Internation Conference of Cardiology, Chongqing, China.
- 2021 Virtual seminar entitled “Soluble (Pro)Renin Receptor and Metabolic Disease”, Cariometabolic session, Oriental Cardiology Conference, and Shanghai, China
- Virtual seminar entitled “Defining sPRR as a novel regulator of renin activity in hypertension”, Session of basic science, Oriental Cardiology Conference, and Shanghai, China

Domestic

- 1997 Seminar entitled "Function of renal medullary COX-2" in Laboratory of Kidney and Electrolyte Metabolism, NIH, Bethesda, Maryland
- 2001 Seminar entitled "Regulation of COX-2 in renal medulla" at FASEB Vermont Summer Conference, Saxton River, Vermont
- 2001 Seminar entitled "Function of renal cyclooxygenase-2" in laboratory of kidney and electrolyte Metabolism, NIH, Bethesda, Maryland
- 2002 Symposium entitled "Renal function of cyclooxygenase-2" at FASEB meeting in New Orleans
- 2002 Seminar entitled "Function of renal cyclooxygenase-2" in Laboratory of Developmental Biology, National Cancer Institute, NIH, Bethesda, Maryland
- 2004 Seminar entitled "COX-2 and the kidney", SUNY, Buffalo, New York
- 2005 Seminar entitled "Mechanism of thiazolidinedione-induced fluid retention", Wyeth, Boston, MA.
- 2005 Seminar entitled "Collecting Duct-specific Deletion of PPAR γ ", Bristol Myers Squibb Pharmaceutical Research Institute, Princeton, NJ
- 2005 Seminar entitled "Collecting Duct-specific Deletion of PPAR γ Blocks Thiazolidinedione-induced Fluid Retention", GlaxoSmithKline, Triangle Park, NC.
- 2005 Seminar entitled "Collecting duct-specific deletion of PPAR γ ", Metabolex, Hayward, CA
- 2007 Seminar entitled "Function of renal and vascular PPAR γ ", Metabolex, Hayward, CA
- 2008 Seminar entitled "Renal mechanism of TZD-induced fluid retention", 27th Annual Meeting of Society of Toxicological Pathology, June 21-26, San Francisco, CA
- 2008 Seminar entitled "PPAR γ , fluid metabolism and blood pressure regulation", Dept. of Pharmacology, New York Medical College, Valhalla, NY
- 2009 Seminar entitled "PPAR γ , fluid metabolism and blood pressure regulation", Laboratory of Kidney and Electrolyte Metabolism, NHLBI, Bethesda, MD.
- 2009 Seminar entitled "PPAR γ integrates fluid metabolism, fatty acid metabolism, and circadian rhythms". Center for Molecular Physiology Research, Children's National Medical Center and George Washington University School of Medicine, Washington, D.C.
- 2010 Seminar entitled "PPAR γ integrates fluid and fatty acid metabolism and circadian rhythms", FASEB Summer Research Conferences on Renal Hemodynamics, Saxtons River, Vermont
- 2010 Seminar entitled "PPAR γ regulates circadian rhythms in blood pressure and heart rate", Symposium of clock genes and blood pressure regulation, Annual Meeting of American Society of Nephrology, Denver, CO.
- 2012 Seminar entitled "Use of nitrated free fatty acids for treatment of metabolic disease and hypertension", PPAR γ regulates circadian rhythms in blood pressure and heart rate", Annual Meeting of American Society of Nephrology, San Diego, CA.
- 2013 Seminar entitled "PPAR γ regulates circadian rhythms in blood pressure and heart rate", University of South Florida, Tampa, Florida.
- 2014 Seminar entitled "Interaction of PGE₂ and (pro)renin receptor in blood pressure regulation. Department of Internal Medicine, Medical College of Wisconsin.
- 2015

- 2015 Seminar entitled “Renal function of (pro)renin receptor”, Division of Nephrology, Georgetown University, Washington, D.C.
- 2016 Seminar entitled “Renal (pro)renin receptor and hypertension”, Department of Pharmacology, University of Mississippi, Jackson, Mississippi.
- 2017 Seminar entitled “Renal (pro)renin receptor and hypertension”, Section for Physiological Genomics, Experimental Biology, San Diego.
- 2017 Seminar entitled “The function of soluble (pro)renin receptor”, 19th Lingnan Cardiovascular meeting, Guangzhou, China
- 2017 Seminar entitled “Role of (pro)renin receptor in blood pressure control”, 4th Yangtz River Cardiovascular meeting, Chongqing, China
- 2017 Seminar entitled “ Local RAS and hypertension”, 7th Central Cardiovascular meeting, Wuhan, China
- 2017 Seminar entitled “The mechanism and function of soluble (pro)renin receptor, 2017 Spring Cardiovascular Symposium, Sun Yat-sen University, Guangzhou, China
- 2017 Seminar entitled “The physiology of (pro)renin receptor in the kidney”, Division of Nephrology, University of Pittsburgh.
- 2018 Seminar entitled “The physiology of (pro)renin receptor in the kidney”, Department of Pharmacology and Toxicology, Commonwealth University School of Medicine, Richmond, Virginia
- 2018 Seminar entitled “The physiology of (pro)renin receptor in the distal nephron”, Department of Physiology, Yale University, New Haven, Connecticut.
- 2018 Seminar entitled “The physiology of (pro)renin receptor in the kidney”, Division of Nephrology, Mount Sinai Medical School, New York .
- 2018 Seminar entitled “Prorenin Receptor: A New Player in the Regulation of Collecting Duct Water Permeability by Antidiuretic Hormone”, Annual Meeting of American Society of Nephrology, San Diego, CA.
- 2019 Seminar entitled “(Pro)Renin Receptor as a New Regulator of Renal Tubular Transport”, Annual Meeting of American Society of Nephrology, Washington DC.
- 2019 Seminar entitled “A New Variant of (Pro)Renin Receptor, PRR24”, Cardiovascular Institute, Temple University Medical School.
- 2019 Seminar entitled “(Pro)Renin Receptor as a New Regulator of Renal Tubular Transport”, Annual Meeting of American Society of Nephrology, Washington DC.
- 2020 Virtual seminar entitled “Discovery of biological function of soluble (pro)renin receptor”, Department of Physiology, Tulane University, New Orleans.
- 2020 Seminar entitled “ (Pro)renin receptor in hypertension and renal disease”, Renal Division Brigham and Women's Hospital, Harvard Medical School, Boston.
- 2021 Virtual Seminar entitled “ Soluble (pro)renin receptor in hypertension and renal disease”, Department of Pharmacology, New York Medical College.

Local/Regional

- 2003 Seminar entitled” Regulation and function of renal COX-2”, Division of Nephrology, University of Utah
- 2004 Seminar entitled” Dietary salt and renal prostaglandins”, Division of Nephrology, University of Utah
- 2004 Seminar entitled” Renal function of COX-2”, Department of Physiology, University of Utah
- 2005 Seminar entitled” Renal medullary COX-2 in Bp control”, Division of Nephrology, University of Utah

- 2005 Seminar entitled "Conditional knockout of PPARgamma from the collecting duct", Department of Physiology, University of Utah
- 2006 Seminar entitled "Conditional knockout of PPARgamma from the collecting duct", Division of Nephrology, University of Utah
- 2008 Seminar entitled "Nuclear receptors and fluid metabolism", the Metabolism Interest Group, University of Utah
- 2008 Seminar entitled "Nuclear receptors and fluid metabolism", Division of Nephrology, University of Utah
- 2008 Seminar entitled "Nuclear receptors, fluid metabolism, and circadian rhythm", Dept. of Physiology, University of Utah
- 2009 Seminar entitled "Nuclear receptors, fluid metabolism, and circadian rhythm", the Metabolism Interest Group, University of Utah
- 2010 Seminar entitled "PPARgamma integrates fluid and energy metabolism and circadian rhythms", Division of Nephrology, University of Utah
- 2011 Seminar entitled "PPARgamma regulation of fluid metabolism and blood pressure, Cardiovascular, Hypertension and Diabetes Symposium, Nora Eccles Harrison Cardiovascular Research and Training Institute, University of Utah
- 2012 Seminar entitled "Renal function of liver X receptor", Division of Nephrology, University of Utah
- 2013 Seminar entitled "PPARgamma and sympathetic nerve activity", Division of Nephrology, University of Utah
- 2015 Seminar entitled "Renal (pro)renin receptor and hypertension", Division of Nephrology, University of Utah
- 2016 Seminar entitled "The function of collecting duct (pro) renin receptor", Division of Nephrology, University of Utah
- 2018 Seminar entitled "Soluble (pro)renin receptor and metabolic disease", Friday Research Conference, Division of Nephrology, University of Utah
- 2018 Seminar entitled "The function of soluble (pro)renin receptor", Nutrition and metabolism interest group, University of Utah.
- 2019 Seminar entitled "Cathepsin B as prorenin convertase in CKD", Friday Research Conference, Division of Nephrology, University of Utah.
- 2021 Seminar entitled "Soluble (pro)renin receptor regulates circadian rhythm of blood pressure", Friday Research Conference, Division of Nephrology, University of Utah.
- 2022 Seminar entitled "Soluble (pro)renin receptor signaling in blood pressure control", Friday Research Conference, Division of Nephrology, University of Utah.