

CURRICULUM VITAE
RUJUN GONG, M.D., Ph.D.

Current Position: Associate Professor of Medicine
Division of Kidney Disease and Hypertension
Brown University School of Medicine

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EDUCATION

Medical School: **M.D.**, Clinical Medicine (7-year Liberal Medical Education Program), Nanjing University School of Medicine, Nanjing, China. 1992 ~1999.

Other Advanced Degrees: **Ph.D.**, Renal Physiology, Research Institute of Nephrology, Nanjing University School of Medicine, Nanjing, China. 1998 ~ 2001.
Mentor: *Lei-Shi Li*, MD & *Zhi-Hong Liu*, MD

M.A., Brown University, Providence, Rhode Island, USA. 2013. *Ad Eundem*

POSTGRADUATE TRAINING

Internship: Jinling Hospital, Nanjing University School of Medicine, Nanjing, China. 1997 ~ 1998.

Extramural Training: Research Observership. Surgical Neurology Branch, NINDS, NIH, Bethesda, Maryland, USA. 1999. Mentor: *Zhengping Zhuang*, MD, PhD

Nephrology Fellowship: Research Institute of Nephrology, Jinling Hospital, Nanjing University School of Medicine, Nanjing, China, 1998 ~ 2001.

Postdoctoral Fellowship: Division of Renal Diseases, Brown Medical School, Providence, Rhode Island, USA. 2001 ~ 2004. Mentor: *Lance Dworkin*, MD.

POSTGRADUATE HONORS AND AWARDS

1. Yong Investigator Award Finalist, 12th Annual Research Celebration, Lifespan & Brown Medical School, 2004.
2. Young Investigator Award, Rhode Island Foundation for Health, Providence, RI, 2005.
3. Northwestern Cardiovascular Young Investigator Award Finalist. Chicago, IL, 2006.
4. Young Investigator Award, Chinese American Society of Nephrology, November 10, 2011, Philadelphia, PA.

ACADEMIC APPOINTMENTS

Postdoctoral Research Fellow, Brown Medical School	2001 ~ 2003
Instructor in Medicine, Brown Medical School	2004 ~ 2006
Assistant Professor of Medicine (Research Track), Brown Medical School	2006 ~ 2012
Associate Professor of Medicine (Research Track), Brown Medical School	2012 ~ present

HOSPITAL APPOINTMENTS

Medical Research Scientist, Rhode Island Hospital

2004 ~ present

OTHER APPOINTMENTS

Liaison Officer the International Society of Nephrology Sister Renal Center Program 2005 ~ 2010
Between the Research Institute of Nephrology, Jinling Hospital, Nanjing University School of Medicine in Nanjing, China and the Division of Kidney Disease and Hypertension, Brown Medical School in Providence, Rhode Island, USA.

Liaison Officer the International Society of Nephrology Sister Renal Center TRIO Program 2011 ~ present
Among the Shanghai Tenth People's Hospital, Tongji University School of Medicine, the Research Institute of Nephrology, Jinling Hospital, Nanjing University School of Medicine in Nanjing, China and the Division of Kidney Disease and Hypertension, Brown Medical School in Providence, Rhode Island, USA.

Guest Professor Nanjing University, China 2007 ~ present
Henan University of Traditional Chinese Medicine, China 2010 ~ present

Distinguished Professor Zhengzhou University Medical Center, China 2010 ~ present

Treasurer Chinese American Society of Nephrology (CASN) 2013 ~ present

EDITORSHIPS AND EDITORIAL BOARDS:

<i>Nephrology Open Journal (Openventio Publishers)</i>	Editor-in-Chief
<i>Nature Scientific Reports</i>	Editorial Board Member
<i>Reactive Oxygen Species</i>	Editorial Board Member
<i>AIMS Medical Science</i>	Editorial Board Member
<i>ISRN Inflammation</i>	Editorial Board Member
<i>Open Journal of Nephrology</i>	Editorial Board Member
<i>Internal Medicine: Open Access</i>	Editorial Board Member
<i>Molecular Biology Reports</i>	Editorial Board Member
<i>Kidney Diseases (Karger Journal)</i>	Editorial Board Member
<i>Advances in Medicine: Nephrology</i>	Editorial Board Member
<i>International Journal of Nephrology and Kidney Failure</i>	Editorial Board Member

Ad Hoc REVIEWER for:

Journal of the American Society of Nephrology
Kidney International
American Journal of Pathology
Arteriosclerosis, Thrombosis, and Vascular Biology
American Journal of Physiology Renal Physiology
American Journal of Kidney Disease
British Journal of Pharmacology
Cell Biology International
Molecular and Cellular Biochemistry
Journal of Zhejiang University-SCIENCE B
Hypertension
Nephron Clinical Practice
Nephron Experimental Nephrology
Physiological Genomics
Mediators of Inflammation
Free Radical Biology and Medicine
PloS ONE
Current Drug Safety

Neoplasia
Renal Failure
American Journal of Nephrology
International Journal of Nephrology and Renovascular Disease
International Journal of General Medicine

GRANT REVIEW AND SCIENTIFIC ADVISORY ACTIVITIES:

Kidney Week 2012 ASN	Abstract Reviewer	2012
The Nebraska Research Initiative	<i>Ad Hoc</i> Reviewer of Research Grant applications	2012, 2013
AAAS	<i>Ad Hoc</i> Reviewer of Research Grant applications	2013, 2015
NIH-NIAID	<i>Ad Hoc</i> Reviewer, Autoimmunity Centers of Excellence; Special panel ZAI1 PA-I (J-1)	2013
Kidney Week 2014 ASN	Faculty, Invited Lecture Speaker	2014
Medical Research Council (MRC), UK	<i>Ad Hoc</i> Reviewer of Research Grant applications	2015, 2016

UNIVERSITY COMMITTEES

Brown Medical School, Department of Medicine, Nephrology Search Committee,	2005 ~ 2006
Brown Medical School, Department of Medicine, Developmental Grant Advisory Committee	2009
Huazhong University of Science and Technology (China), Promotion & Assessment Committee	2011

MEMBERSHIP IN SOCIETIES

American Heart Association	2003 ~ present
American Society of Nephrology	2001 ~ present
International Society of Nephrology	2007 ~ present
Chinese American Society of Nephrology	2008 ~ present

PATENTS

1. Lance D. Dworkin, **Rujun Gong**. *Compositions and Method for Detecting and Treating Renal Injury and Inflammation*. U.S. Patent Application No. 11/731,250, March 2007.
2. Steve Cartt, **Rujun Gong**. *ACTH Prophylactic Treatment of Renal Disorders*. U.S. Patent Application 13/281,175 08/05/2015.

CHAPTERS IN BOOKS:

1. **Rujun Gong**, Lance D. Dworkin, Barry M. Brenner and David Maddox. The Renal Circulations and Glomerular Ultrafiltration. In: *Brenner and Rector's, THE KIDNEY*, 8th Edition, Volume 1: 91-129. W.B. Saunders Company, Philadelphia, 2007.

IN THE NEWS:

1. [Mood Stabilizing Drug May Help Treat Acute Kidney Injury](http://www.sciencedaily.com/releases/2014/01/140109175444.htm)
<http://www.sciencedaily.com/releases/2014/01/140109175444.htm>
2. [Lithium May Help Treat Acute Kidney Injury](http://www.counselheal.com/articles/8241/20140110/lithium-help-treat-acute-kidney-injury.htm)
<http://www.counselheal.com/articles/8241/20140110/lithium-help-treat-acute-kidney-injury.htm>
3. [Bipolar Drug May Help to Treat Acute Kidney Injury](http://www.consultant360.com/exclusives/bipolar-drug-may-help-treat-acute-kidney-injury)
<http://www.consultant360.com/exclusives/bipolar-drug-may-help-treat-acute-kidney-injury>

PUBLICATIONS IN PEER-REVIEWED JOURNALS (*Corresponding author) *in reverse chronological order*

RESEARCH ARTICLES IN ENGLISH

1. Sijie Zhou, Pei Wang, Yingjin Qiao, Yan Ge, Yingzi Wang, Songxia Quan, Ricky Yao, Shougang Zhuang, Li Juan Wang, Yong Du, Zhangsuo Liu, **Rujun Gong***.
Genetic and pharmacologic targeting of glycogen synthase kinase 3 β reinforces the Nrf2 antioxidant defense against podocytopathy. [[Cover Story, August 2016](#)]
Journal of the American Society of Nephrology 2015 Dec 8. pii: ASN.2015050565. PMID: 26647425.
2. Yingjin Qiao, Anna-lena Berg, Pei Wang, Yan Ge, Songxia Quan, Sijie Zhou, Hai Wang, Zhangsuo Liu, **Rujun Gong***.
MC1R is dispensible for the proteinuria reducing and glomerular protective effect of melanocortin therapy.
Nature Scientific Reports 6, 27589; doi: 10.1038/srep27589 (2016).
3. **Rujun Gong**, Pei Wang, Lance D. Dworkin.
What we need to know about the effect of lithium on the kidney.
American Journal of Physiology Renal Physiology doi:10.1152/ajprenal.00145.2016. PMID: 27122541.
4. Changbin Li, Yan Ge, Lance Dworkin, Ai Peng, **Rujun Gong***.
The β isoform of GSK3 mediates podocyte autonomous injury in proteinuric glomerulopathy.
Journal of Pathology 239(1):23-35, 2016. PMID: 26876299.
5. Chunming Jiang, Qiuyuan Shao, Bo Jin, **Rujun Gong**, Miao Zhang, and Biao Xu.
Tanshinone IIA Attenuates Renal Fibrosis after Acute Kidney Injury in a Mouse Model through Inhibition of Fibrocytes Recruitment.
BioMed Research International (2015):1-10, 2015.
6. Zhou X, Zang X, Ponnusamy M, Masucci MV, Tolbert E, **Rujun Gong**, Zhao TC, Liu N, Bayliss G, Dworkin LD, Zhuang S.
Enhancer of Zeste Homolog 2 Inhibition Attenuates Renal Fibrosis by Maintaining Smad7 and Phosphatase and Tensin Homolog Expression.
Journal of the American Society of Nephrology 2015 Dec 23. pii: ASN.2015040457. PMID: 26701983.
7. Hui Bao, Yan Ge, Ai Peng, **Rujun Gong***.
Fine-tuning of NF κ B by GSK3 β directs the fate of glomerular podocytes upon injury.
Kidney International 87(6):1176-90, 2015
8. Zhangsuo Liu, **Rujun Gong***.
Limb ischemic preconditioning for kidney protection: GSK3 β -centric insights into the mechanism of action.
American Journal of Kidney Disease 66(5):846-56, 2015.
9. Changbin Li, Yan Ge, Ai Peng, **Rujun Gong***.
The redox sensitive glycogen synthase kinase 3 β suppresses the self-protective antioxidant response in podocytes upon oxidative glomerular injury.
Oncotarget 6(37):39493-506, 2015.
10. Andrew S. Brem, **Rujun Gong***.
Therapeutic targeting of aldosterone: a novel approach to the treatment of glomerular disease.
Clinical Science 128(9):527-35, 2015.
11. Yongfang Jiang, Hui Bao, Yan Ge, Wei Tang, Du Cheng, Kaizhong Luo, Guozhong Gong, **Rujun Gong***.
Therapeutic targeting of GSK3beta enhances the Nrf2 antioxidant response and confers hepatic cytoprotection in hepatitis C.
Gut 64(1):168-79, 2015.
12. Weiwei Xu, Yan Ge, Zhihong Liu, **Rujun Gong***.

Glycogen synthase kinase 3 β orchestrates microtubule remodeling in compensatory glomerular adaptation to podocyte depletion.

Journal of Biological Chemistry 290(3):1348-63, 2015.

13. Zhen Wang, Yan Ge, Hui Bao, Shougang Zhuang, Ai Peng, **Rujun Gong***.
Pharmacological targeting of GSK3 β confers protection against podocytopathy and proteinuria via desensitizing mitochondrial permeability transition.
British Journal of Pharmacology 172(3):895-909, 2015.
14. Yan Y, Bai J, Zhou X, Tang J, Jiang C, Tolbert E, Bayliss G, **Rujun Gong**, Zhao TC, Zhuang S.
P2X7 receptor inhibition protects against ischemic acute kidney injury in mice.
American Journal of Physiology Cell Physiology 308(6):C463-72, 2015.
15. **Rujun Gong***.
Leveraging melanocortin pathways to treat glomerular diseases. [Invited Review]
Advances in Chronic Kidney Disease 21(2):134-151, 2014.
16. Weiwei Xu, Yan Ge, Zhihong Liu, **Rujun Gong***.
Glycogen synthase kinase 3 β dictates podocyte motility and focal adhesion turnover by modulating paxillin activity: implications in podocytopathy.
American Journal of Pathology 184(10):2742-56, 2014. [\[Cover Story\]](#)
17. Hui Bao, Yan Ge, Zhen Wang, Shougang Zhuang, Lance Dworkin, Ai Peng, **Rujun Gong***.
Delayed Administration of a Single Dose of Lithium Promotes Recovery from AKI.
Journal of the American Society of Nephrology 25(3):488-500, 2014.
 - **Featured in the Jan 10, 2014 ASN newsletter *In The Loop* “Lithium May Help Treat Acute Kidney Injury”.**
 - **Recommended in F1000 Prime <http://f1000.com/prime/718233324>***Featured article with Editorial:*
 - Livingston MJ, Dong Z. Lithium in kidney diseases: big roles for the smallest metal. *Journal of the American Society of Nephrology* 25(3):421-3, 2014.
 - Razzak M. Basic research: the long and the short of it-the temporal effects of renal lithium exposure are beginning to be unraveled. *Nature Reviews Nephrology* 10(3):123,2014.
18. Ponnusamy M, Zhou X, Yan Y, Tang J, Tolbert E, Zhao TC, **Rujun Gong**, Zhuang S.
Blocking sirtuin 1 and 2 inhibits renal interstitial fibroblast activation and attenuates renal interstitial fibrosis in obstructive nephropathy.
Journal of Pharmacology and Experimental Therapeutics 350(2):243-56, 2014.
19. Tang J, Yan Y, Zhao TC, **Rujun Gong**, Bayliss G, Yan H, Zhuang S.
Class I HDAC activity is required for renal protection and regeneration after acute kidney injury.
American Journal of Physiology Renal Physiology 307(3):F303-16, 2014.
20. Lili Qu, Jiang M, Li Z, Pu F, Gong L, Sun L, **Rujun Gong**, Ji G, Jin Si.
Inhibitory effect of biosynthetic nanoscale peptide Melittin on hepatocellular carcinoma, driven by survivin promoter.
Journal of Biomedical Nanotechnology 10(4):695-706, 2014
21. Zhen Wang, Yan Ge, Hui Bao, Lance Dworkin, Ai Peng, **Rujun Gong***.
Redox-sensitive glycogen synthase kinase 3 β -directed control of mitochondrial permeability transition: rheostatic regulation of acute kidney injury.
Free Radical Biology and Medicine 65:849–858, 2013.
22. Jin Si, Yan Ge, Shougang Zhuang, Li Juan Wang, Shan Chen, **Rujun Gong***.
Adrenocorticotropic hormone ameliorates acute kidney injury by steroidogenic-dependent and -independent mechanisms.

Kidney International 83(4):635-646, 2013.

23. Andrew S. Brem, David J. Morris, Xiangpo Li, Yan Ge, Sunil Shaw, **Rujun Gong***.
Adrenalectomy amplifies aldosterone induced injury in cardiovascular tissue: An effect attenuated by adrenally derived steroids.
Steroids 78(3):347-55, 2013.
24. Dai JF, Jiang M, Qu LL, Sun L, Wang YY, Gong LL, **Rujun Gong**, Si J.
Toxoplasma gondii: enzyme-linked immunosorbent assay based on a recombinant multi-epitope peptide for distinguishing recent from past infection in human sera.
Experimental Parasitology 133(1):95-100, 2013
25. Qu L, Wang Y, Gong L, Zhu J, **Rujun Gong**, Si J.
Suicide gene therapy for hepatocellular carcinoma cells by survivin promoter-driven expression of the herpes simplex virus thymidine kinase gene.
Oncology Reports 29(4):1435-40, 2013.
26. Wang Y, Qu L, Gong L, Sun L, **Rujun Gong**, Si J.
Targeting and eradicating hepatic cancer cells with a cancer-specific vector carrying the Buforin II gene.
Cancer Biotherapy and Radiopharmaceuticals 28(8):623-30, 2013.
27. Tang J, Liu N, Tolbert E, Ponnusamy M, Ma L, **Rujun Gong**, Bayliss G, Yan H, Zhuang S.
Sustained activation of EGFR triggers renal fibrogenesis after acute kidney injury.
American Journal of Pathology 183(1):160-72, 2013.
28. **Rujun Gong***.
The renaissance of corticotrophin therapy in proteinuric nephropathies. [Invited Review]
Nature Reviews Nephrology 8(2):122-8, 2012.
29. Hao Bao, Yan Ge, Shougang Zhuang, Lance D. Dworkin, Zhihong Liu, **Rujun Gong***.
Inhibition of glycogen synthase kinase 3 β prevents NSAID-induced acute kidney injury.
Kidney International 81(7):662-673, 2012.
30. Jianfang Dai, Min Jiang, Yanyun Wang, Lili Qu, **Rujun Gong**, Jin Si.
Evaluation of a recombinant multiepitope peptide for serodiagnosis of Toxoplasma gondii infection.
Clinical and Vaccine Immunology 19(3):338-42, 2012.
31. Longxuan Li, Liangqing Zhang, Yiming Shao, Guirong Wang, **Rujun Gong**, Zhengke Wang, Jinwu Peng, Shuhua Wang, David Genochio, Bin Zhao, Junming Luo.
Distinct roles of two alternative splice variants of matrilin-2 in protein oligomerization and proteolysis.
Molecular Medicine Reports 6(5):1204-10, 2012.
32. Na Liu, Song He, Evelyn Tolbert, **Rujun Gong**, Gorge Bayliss, Shougang Zhuang.
Suramin alleviates glomerular injury and inflammation in the remnant kidney.
PLoS One 7(4):e36194, 2012.
33. Liu N, Guo JK, Pang M, Tolbert E, Ponnusamy M, **Rujun Gong**, Bayliss G, Dworkin LD, Yan H, Zhuang S.
Genetic or Pharmacologic Blockade of EGFR Inhibits Renal Fibrosis.
Journal of the American Society of Nephrology 23(5):854-67, 2012.
34. Andrew Brem, David Morris, **Rujun Gong***.
Aldosterone induced fibrosis in the kidney: Questions and controversies.
American Journal of Kidney Disease 58(3):471-479, 2011.

35. Yan Ge, Jin Si, Li Tian, Shougang Zhuang, Lance Dworkin, **Rujun Gong***.
Conditional ablation of glycogen synthase kinase 3b in postnatal mouse kidney.
Laboratory Investigation 91(1):85-96, 2011. [[Cover Story](#)]
36. Murugavel Ponnusamy, Na Liu, **Rujun Gong**, Haidong Yan, Shougang Zhuang.
ERK pathway mediates P2X7 expression and cell death in renal interstitial fibroblasts exposed to necrotic renal epithelial cells.
American Journal of Physiology Renal Physiology 301(3):F650-9, 2011.
37. Murugavel Ponnusamy, Li Ma, **Rujun Gong**, Pang M, Chin YE, Zhuang S.
P2X7 receptors mediate deleterious renal epithelial-fibroblast cross talk.
American Journal of Physiology Renal Physiology 300(1):F62-70., 2011.
38. Junming Luo, Yingxin Li, **Rujun Gong***.
The mechanism of atopic march may be the social event of cells and molecules. [Review]
Journal of International Molecular Medicine 26(12):779-785, 2010.
39. Maoyin Pang, Li Ma, **Rujun Gong**, Tolbert E, Mao H, Ponnusamy M, Chin YE, Haidong Yan, Lance Dworkin, Shougang Zhuang.
A novel STAT3 inhibitor, S3I-201, attenuates renal interstitial fibroblast activation and interstitial fibrosis in obstructive nephropathy.
Kidney International 78(3):257-268, 2010.
40. Andrew S. Brem, David J. Morris, Yan Ge, Lance Dworkin, Evelyn Tolbert, **Rujun Gong***.
Direct fibrogenic effects of aldosterone on normotensive kidney: An effect modified by 11 β -HSD activity.
American Journal of Physiology Renal Physiology 298(5): F1178-F1187, 2010.
41. Jin Si, Yan Ge, Shougang Zhuang, **Rujun Gong***.
Inhibiting nonmuscle myosin II impedes inflammatory infiltration and ameliorates progressive renal disease.
Laboratory Investigation 90(3): 448-458, 2010.
Featured article with commentary:
• [Putting the brakes on inflammatory cell motility. *Laboratory Investigation* 90\(3\): 346-347, 2010.](#)
42. Ponnusamy M, Maoyin Pang, Annamaraju PK, Zhu Zhang, **Rujun Gong**, Y. Eugene Chin, Shougang Zhuang.
Transglutaminase-1 protects renal epithelial cells from hydrogen peroxide-induced apoptosis through activation of STAT3 and Akt signaling pathways.
American Journal of Physiology Renal Physiology 297(5):F1361-70, 2009.
43. Zhu Zhang, Jingping Xing, Li Ma, **Rujun Gong**, Y. Eugene Chin, Shougang Zhuang. Transglutaminase-1 regulates renal epithelial cell proliferation through activation of Stat-3.
Journal of Biological Chemistry 284(5):3345-3353, 2009.
44. **Rujun Gong***.
Multi-target anti-inflammatory action of hepatocyte growth factor. [Review]
Current Opinion in Investigational Drugs 9(11):1163-1170, 2008.
45. **Rujun Gong**, Syed Latif, David J. Morris, Andrew S. Brem.
Co-localization of glucocorticoid metabolizing and prostaglandin synthesizing enzymes in rat kidney and liver.
Life Sciences 83(21-22):725-731, 2008.
46. Shan Chen, Yan Ge, Jin Si, Abdalla Rifai, Lance D. Dworkin, **Rujun Gong***.
Candesartan suppresses chronic renal inflammation *via* a novel antioxidant action independent of AT1R blockade.
Kidney International 74(9):1128-1138, 2008.
Featured article with commentary:

- Candesartan and oxidative stress. *Kidney International* 74(9):1103, 2008.
 - Macconi D, Remuzzi G. Candesartan and renal protection: more than blocking angiotensin type 1 receptor? *Kidney International* 74(9):1112-1114, 2008.
47. **Rujun Gong***, Yan Ge, Shan Chen, Elizabeth Liang, Alfredo Esparza, Edmont Sabo, Agelito Yango, Regional Gohh, Abdalla Rifai, Lance D. Dworkin.
Glycogen synthase kinase 3 β : a novel marker and modulator of inflammatory injury in chronic renal allograft disease.
American Journal of Transplantation 8(9):1852-1863, 2008.
 48. **Rujun Gong***, Abdalla Rifai, Yan Ge, Shan Chen, Lance D. Dworkin.
Hepatocyte growth factor suppresses proinflammatory NF-kB activation through GSK3b inactivation in renal tubular epithelial cells.
Journal of Biological Chemistry 283(12):7401-7410, 2008.
 49. **Rujun Gong**, David J. Morris, Andrew A. Brem.
Variable Expression of 11 β Hydroxysteroid Dehydrogenase (11b-HSD) Isoforms in Vascular Endothelial Cells.
Steroids 73(11):1187-1196, 2008.
 50. **Rujun Gong**, David J. Morris, Andrew S. Brem.
Human renal 11beta-hydroxysteroid dehydrogenase 1 functions and co-localizes with COX-2.
Life Sciences 82(11-12):631-637, 2008.
 51. **Rujun Gong**, Zhihong Liu, Leishi Li.
Epistatic effect of plasminogen activator inhibitor 1 and β -fibrinogen genes on risk of glomerular microthrombosis in lupus nephritis: Interaction with environmental/clinical factors.
Arthritis and Rheumatism 57(5):1608-1617, 2007.
 52. Chen Yu, **Rujun Gong**, Abdalla Rifai, Evelyn M. Tolbert, Lance D. Dworkin.
Long-term, high-dosage candesartan suppresses inflammation and injury in chronic kidney disease: nonhemodynamic renal protection.
Journal of the American Society of Nephrology 18(3):750-759, 2007.
 53. **Rujun Gong***, Abdalla Rifai, Lance D. Dworkin.
Anti-inflammatory effect of hepatocyte growth factor in chronic kidney disease: Targeting the inflamed vascular endothelium.
Journal of the American Society of Nephrology 17(9): 2464-2473, 2006.
 54. **Rujun Gong***, Abdalla Rifai, Lance D. Dworkin.
Hepatocyte growth factor suppresses acute renal inflammation by inhibition of endothelial E-selectin.
Kidney International 69(7):1166-1174, 2006.
 55. **Rujun Gong***, Abdalla Rifai, Lance D. Dworkin.
Activation of PI3K-Akt-GSK3beta pathway mediates hepatocyte growth factor inhibition of RANTES expression in renal tubular epithelial cells.
Biochemical and Biophysical Research Communications 330(1):27-33, 2005.
 56. Purba Biswas, Abinash Roy, **Rujun Gong**, Angelito Yango, Evelyn M. Tolbert, Jason Centracchio, Lance D. Dworkin.
Hepatocyte Growth Factor induces an Endothelin Mediated Decline in Glomerular Filtration Rate.
American Journal of Physiology Renal Physiology 288(1):F8-F15, 2005.
 57. Huiping Chen, Zhihong Liu, **Rujun Gong**, Zheng Tang, Caihong Zeng, Maoyan Zhu, Jianping Wang, Hong Zhou, Leishi Li.

Lipoprotein glomerulopathy: clinical features and pathological characteristics in Chinese.
Chinese Medical Journal 117(10):1513-1517, 2004.

58. Lance D. Dworkin, **Rujun Gong**, Evelyn Tolbert, Jason Centracchio, Nahiro Yano, Abdul R. Zanabli, Alfredo Esparza, Abdalla Rifai.
Hepatocyte growth factor ameliorates progression of interstitial fibrosis in rats with established renal injury.
Kidney International 65(2):409-419, 2004.
59. **Rujun Gong**, Abdalla Rifai, Evelyn Tolbert, Purba Biswas, Jason Centracchio, Lance D. Dworkin.
Hepatocyte growth factor ameliorates renal interstitial inflammation in nephrectomized rats by modulating tubular expression of MCP-1 and RANTES.
Journal of the American Society of Nephrology 15(11):2868-2881, 2004.
Featured article with commentary:
• [Attacking Renal Inflammation in CKD. *Journal of the American Society of Nephrology* 15\(11\):2765–2767, 2004](#)
60. **Rujun Gong**, Abdalla Rifai, Evelyn Tolbert, Jason Centracchio, Lance D. Dworkin.
Hepatocyte growth factor modulates matrix metalloproteinases and plasminogen activator/plasmin proteolytic pathways in progressive renal interstitial fibrosis.
Journal of the American Society of Nephrology 14(12):3047-3060, 2003.
61. Zhihong Liu, Zhaohong Cheng, **Rujun Gong**, Hao Liu, Dong Liu, Leishi Li.
Sex differences in estrogen receptor gene polymorphism and its association with lupus nephritis in Chinese.
Nephron 90(2):174-180, 2002.
62. **Rujun Gong**, Zhihong Liu, Zhaohong Chen, Leishi Li.
Genetic variation of mannose-binding protein associated with glomerular immune deposition in IgA nephropathy.
Chinese Medical Journal 115(2):192-196, 2002.
63. Zhihong Liu, Junwei Yang, Zhaohong Chen, **Rujun Gong**, Leishi Li.
Gene polymorphism in IL-1 receptor antagonist affects its production by monocytes in IgA nephropathy and Henoch-Schonlein nephritis.
Chinese Medical Journal 114(12):1313-1316, 2001.
64. **Rujun Gong**, Zhihong Liu, Leishi Li.
Mannose-binding lectin gene polymorphism associated with the patterns of glomerular immune deposition in IgA nephropathy.
Scandinavian Journal of Urology and Nephrology 35(3):228-232, 2001.

RESEARCH ARTICLES IN CHINESE

65. Hao Bao, **Rujun Gong***.
Role of adrenocorticotropin therapy in proteinuric nephropathies. (in Chinese) [review]
Chinese Journal of Nephrology Dialysis and Transplantation 20(2): 154-160, 2011.
66. Zhihong Liu, **Rujun Gong**, Kebin Hu, Yingjian Li, Jianping Wang, Leishi Li.
Acquired mutation of type II transforming growth factor-beta receptor gene in glomerulosclerosis. (in Chinese)
National Medical Journal of China 82(12):802-806, 2002.
67. **Rujun Gong**, Zhihong Liu, Zhaohong Chen, Leishi Li.
Genetic variations in plasminogen activator inhibitor-1 gene and beta fibrinogen gene associated with glomerular microthrombosis in lupus nephritis and the gene dosage effect. (in Chinese)
Chinese Journal of Medical Genetics 19(1):1-5, 2002.
68. **Rujun Gong**, Zhihong Liu, Zhaohong Chen, Dong Liu, Leishi Li.

Mannose-binding protein gene polymorphism influences the patterns of glomerular immune deposition in IgA nephropathy. (in Chinese)

Chinese Journal of Medical Genetics 18(2):83-87, 2001.

69. **Rujun Gong**, Zhihong Liu, Hong Zhou, Huiping Chen, Caihong Zeng, Leishi Li.
Genetic variation in plasminogen activator inhibitor-1 gene in lupus nephritis associated with glomerular microthrombosis. (in Chinese)
Chinese Journal of Nephrology Dialysis and Transplantation 10(1):28-32, 2001.
70. **Rujun Gong**, Zhihong Liu, Dong Liu, Leishi Li.
Mannose-binding protein gene polymorphism associated with low serum concentration in patients with IgA nephropathy. (in Chinese)
Journal of Nanjing University (Natural Science Edition) 37(5):581-588, 2001.
71. **Rujun Gong**, Zhihong Liu, Zhaohong Chen Z, Zheng Cheng, Bo Zhang, Shijun Li, Hong Zhou, Huiping Chen, Leishi Li.
Lipids biochemical profile and apolipoprotein E genetic variation in patients with lipoprotein E glomerulopathy, (in Chinese)
Chinese Journal of Nephrology Dialysis and Transplantation 10(4):329-334, 2001.
72. **Rujun Gong**, Zhihong Liu, Kebin Hu, Jinping Wang, Leishi Li.
Microdissection of a single glomerulus from archival section of renal biopsy and its application in molecular nephrology. (in Chinese)
Chinese Journal of Nephrology Dialysis and Transplantation 9(6):534-538, 2000.
73. **Rujun Gong**, Qinwen Wang.
DNA microarray technology and its perspective application in nephrology. (in Chinese) [review]
Chinese Journal of Nephrology Dialysis and Transplantation 10(1):58-61, 2001.
74. **Rujun Gong**, Xuejun Zhu.
Strategy and progress of genetic studies in diabetic nephropathy. (in Chinese) [review] *Chinese Journal of Nephrology Dialysis and Transplantation* 10(3):269-273, 2001.
75. **Rujun Gong**, Zhi-Hong Liu, Zhao-Hong Chen, Lei-Shi Li.
Patterns of glomerular Immune deposition in IgA nephropathy based on a genetic variation: Mannose binding protein gene polymorphism. (in Chinese)
Chinese Journal of Nephrology Dialysis and Transplantation 9(3):201-206, 2000.
76. **Rujun Gong**, Zhihong Liu.
Mannose-binding protein. (in Chinese) [review]
Chinese Journal of Nephrology Dialysis and Transplantation 9(3):262-268, 2000.
77. **Rujun Gong**, Weixin Hu.
Pathogenesis of human immunodeficiency virus associated nephropathy. (in Chinese) [review]
Chinese Journal of Nephrology Dialysis and Transplantation 8(2):152-155, 1999.
78. **Rujun Gong**, Junwei Yang.
Role of chemokine and its receptor in T cell priming and Th1/Th2 mediated immune response. (in Chinese) [review]
Chinese Journal of Nephrology, Dialysis and Transplantation 8(5):449-454, 1999.

PUBLICATIONS SUBMITTED OR IN PREPARTION

1. Pei Wang, Yan Zhang, Yu Wang, Sijie Zhou, Minglei Lu, Yan Ge, Xianhui Liang, Yingjin Qiao, Zhangsuo Liu, **Rujun Gong***.

Short-acting natural ACTH induces rapid remission of steroid-dependent nephrotic syndrome followed by delayed-onset resistance associated with neutralizing antibody formation.

CONFERENCE ABSTRACTS:

Over 60 conference abstracts. [Available upon request].

INVITED LECTURES

1. April 20, 2000
Patterns of glomerular immune deposition in IgA nephropathy based on a genetic variation: Mannose-binding protein gene polymorphism.
Free Communication Session
The International Conference on Life Science & Clinical Medicine 2000, Beijing, China.
2. January 03, 2003
Hepatocyte Growth Factor (HGF): Potential therapeutics for tubulointerstitial fibrosis in chronic renal diseases.
Renal Grand Rounds
Division of Renal Diseases, Brown University School of Medicine, Providence, RI.
3. April 16, 2004
Individualized renal medicine in post-genomic era: Gene polymorphism and its impact on clinical nephrology.
Renal Grand Rounds
Division of Renal Diseases, Brown University School of Medicine, Providence, RI.
4. October 31, 2004
Hepatocyte growth factor ameliorates renal interstitial inflammation in nephrectomized rats by modulating tubular expression of MCP-1 and RANTES.
Free Communication Session, Renal pathophysiology: Mediators in chronic kidney disease
The 37th Annual Meeting of the American Society of Nephrology, St. Louis, MO.
5. October 17, 2005
Hepatocyte growth factor as a potent anti-inflammatory factor in progressive chronic renal diseases.
Pulmonary Research Seminar
Division of Pulmonary/Critical Care Medicine, Brown Medical School, Providence, RI.
6. September 30, 2006
Anti-inflammatory effect of hepatocyte growth factor in chronic kidney disease: Targeting the inflamed vascular endothelium.
Northwestern Cardiovascular Young Investigators' Forum
Northwestern University, Chicago, IL.
7. March 14, 2007
Anti-inflammatory effect of hepatocyte growth factor in chronic kidney disease: Targeting the inflamed vascular endothelium.
Multi-Lab Cardiovascular Research Data Club
Brown University, Providence, RI.
8. May 20, 2007 ~ June 02, 2007
Regulating the proinflammatory NFκB activation in progressive chronic kidney disease: From hepatocyte growth factor (HGF) to glycogen synthase kinase (GSK)-3β.
Senior Scholar Visiting Lectures of the International Society of Nephrology Sister Renal Center Program
Research Institute of Nephrology, Nanjing University School of Medicine, Nanjing, China.
9. November 02, 2007

Glycogen Synthase Kinase 3 β : A novel marker and modulator of renal injury in chronic allograft nephropathy.

Free Communication Session. Transplantation: Transplantation Immunobiology: Gene Expression in Transplantation.

The 40th Annual Meeting of the American Society of Nephrology, San Francisco, CA.

10. August 20, 2008 ~ August 24, 2008

Therapeutic targeting of glycogen synthase kinase 3b: Improving outcomes for chronic progressive glomerular disease.

ISN CME Forefronts in Glomerular Disease – Nanjing Forum 2008.

Jinling Riverside International Convention Center, Nanjing, China.

11. October 16, 2008

Therapeutic targeting of glycogen synthase kinase 3b in chronic inflammatory kidney disease.

Renal Research Seminars.

Renal Section, Department of Medicine Boston University Medical Center, Boston, MA.

12. October 17-18, 2008

Effect of on ACTH

Questcor Pharmaceuticals, Inc. Advisory Board Meeting

Washington, D.C.

13. February 02, 2009

Therapeutic targeting of glycogen synthase kinase 3b in chronic inflammatory kidney disease.

Pulmonary Research Seminar

Division of Pulmonary/Critical Care Medicine, Brown Medical School, Providence, RI.

14. September 17, 2009 ~ September 19, 2009

Adrenocorticotropin: A novel therapy for proteinuric nephropathy.

ISN CME Forefronts in Glomerular Disease – Nanjing Forum 2009.

Jinling Riverside International Convention Center, Nanjing, China.

15. October 28, 2009

Protection from Acute Kidney Injury by ACTH

Questcor Pharmaceuticals, Inc. Advisory Board Meeting

San Diego, CA

16. January 8, 2010

Adrenocorticotropin: A novel therapy for nephrotic syndrome

Renal Grand Rounds

*Division of Kidney Diseases and Hypertension, Brown University School of Medicine
Providence, RI*

17. September 15, 2010 ~ September 18, 2010

Corticotropin in management of nephrotic syndrome: New insights into an old therapy.

ISN CME Forefronts in Glomerular Disease – Nanjing Forum 2010.

Nanjing International Convention Center, Nanjing, China.

18. November 17, 2010

Effect of ACTH on animal models with remnant kidney disease.

Questcor Pharmaceuticals, Inc. Advisory Board Meeting

Denver, CO

19. June 8, 2011

Glycogen synthase kinase 3b: A novel modulator of kidney injury

ISN CME Forefronts in Glomerular Disease – Nanjing Forum 2011.

Nanjing International Convention Center, Nanjing, China.

20. November 10, 2011

Quest for the cure for kidney diseases: *My journey in renal research.*

Young Investigator Award, Chinese American Society of Nephrology, 2011 Annual Meeting.

Pennsylvania Convention Center, Philadelphia, PA.

21. August 22, 2012

Therapeutic targeting of GSK3beta in acute kidney injury.

ISN CME Forefronts in Glomerular Disease – Nanjing Forum 2012.

Nanjing International Convention Center, Nanjing, China.

22. October 13, 2012

The renaissance of corticotrophin therapy for refractory nephrotic syndrome.

2012 Annual Congress of Chinese Society of Nephrology

Chengdu, China.

23. November 17, 2012

Therapeutic targeting of GSK3beta in acute kidney injury.

ISN Sister Renal Center Trio Program Shanghai Workshop on Critical Care Nephrology and AKI.

Tongji University, Shanghai, China.

24. December 05, 2012

ACTH therapy in clinical management of nephrotic syndrome

Nephrology Seminar, New York-Presbyterian Hospital

Weill Cornell Medical School, New York, NY

25. March 18, 2013

Corticotropin in management of nephrotic syndrome: New insights into an old therapy.

Pediatric Nephrology Seminar, Riley Hospital for Children

Indiana University, Indianapolis, IN

26. March 21, 2013

The renaissance of corticotrophin therapy for refractory nephrotic syndrome.

Nephrology Seminar, University of Maryland Medical Center

University of Maryland, Maryland, MD

27. April 23, 2013

The renaissance of corticotrophin therapy for refractory nephrotic syndrome

Renal Grand Rounds

Division of Nephrology and Hypertension, Drexel University College of Medicine

28. February 21, 2014

The Janus effect of lithium on the kidney

Renal Grand Rounds

Division of Kidney Disease and Hypertension, Rhode Island Hospital, Brown Medical School

29. September 10, 2014

Melanocortin therapeutics for kidney diseases

Research Conference, Division of Nephrology, Brigham and Women's Hospital

Division of Nephrology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

30. September 19, 2014 ~ September 29, 2014

Advances in clinical management of glomerular disease.

Senior Scholar Visiting Lectures of the International Society of Nephrology Sister Renal Center Trio Program
Shanghai Tenth People's Hospital, Tongji University School of Medicine, Shanghai, China.

31. October 18, 2014

Plenary Session: Mitochondrial permeability transition: A novel therapeutic target for acute kidney injury.
2014 Annual Congress of Chinese Society of Nephrology
Xi'an, China.

32. October 25, 2014

Targeting of GSK3 β by lithium improves renal repair after AKI
The 4th Shanghai Forum on Acute and Chronic Kidney Injury
Shanghai, China

33. November 13, 2014 (2:30-3:00pm).

Glycogen synthase kinase 3 β and the regulation of mitochondrial alternations in AKI.
Basic and Clinical Science Symposium
Session Title: A riddle wrapped in a mystery inside an Enigma: The mitochondria in AKI.
Kidney Week 2014, Philadelphia, PA, USA.

34. October 17, 2015

The Janus effect of lithium on the kidney
ISN Sister Renal Center Trio Program Shanghai Workshop on Critical Care Nephrology and AKI.
Tongji University, Shanghai, China.

35. October 22-25, 2015

GSK3 β inhibition reduces inflammation following AKI.
ISN Forefronts Symposium Shenzhen 2015
Session Title: **Immunity, Fibrosis and Kidney Disease**
Shenzhen, China

36. November 05, 2015 (12:45pm-1:45pm).

Identifying Practical Targets for the Treatment of Tubular Injury
ASN Kidney Week 2015 Annual Meeting Educational Symposium
Session Title: Glomerular and Tubular Targetable Pathways: Thinking Out of the Box?
Kidney Week 2015, San Diego, CA, USA

37. November 19, 2015

Novel therapies for nephrotic glomerulopathies.
Renal Grand Rounds
Winthrop University Hospital, Mineola, NY

38. April 08, 2016 (11:00 am-11:40 am)

The role of melanocortin receptors in kidney disease
NAPRTCS (North American Pediatric Renal Trials and Collaborative Studies) 2016 annual meeting
Chicago, IL

39. May 12, 2016

Clinical Diagnosis and Management of Nephrotic Syndrome
Chinese Society of Nephrology (CSN) Workshop on Basic CME Training for Clinical Nephrologists
Zhengzhou, China

40. May 20, 2016

Precision Renal Medicine

Southern Medical University Shenzhen Hospital
Shenzhen, China

CLINICAL SERVICE CONTRIBUTIONS/TRANSLATIONAL RESEARCH:

Principal Investigator for Clinical Translational Research:

IRB # 4124-09

Renoprotective effect of ACTH: Identification of the Therapeutic Targets of ACTH in Human Kidney
Funding source: Questcor Pharmaceuticals (from 2009-2011)

IRB # 226669-2

Podocyte culture based assay for predicting post-transplant recurrence of FSGS
Funding source: Intramural Developmental Grant (from 2011-2012)

UNIVERSITY TEACHING ROLES

Brown Medical School: BIOL 2167 (Guest lecture)

HOSPITAL TEACHING ROLES (Rhode Island Hospital)

Course Title	Role	#Students (S) #Residents (R) #Fellows (F) Per Session	Hours Per Session	Sessions Per Year	Academic Years
Research Elective	Attending	1-2 F	8	6	2004-present
Renal Physiology & Molecular Biology	Lecturer	1-2 F	1	6	2002-2004
<u>Leadership role at Renal Division conferences:</u>					
Research Conference	Attending	6 F	1	monthly	2001-present

PAST RESEARCH RESIDENTS, FELLOWS AND MENTEES:

Internal Medicine Residents:

Susan Eckert, MD (2005)
Thejaswini Kempananjappa, MD (2007)
Elisabeth Liang, MD (2007)
Kawther Alquadan (2013)
Katherine M Scovner (2016)

Nephrology Fellows:

Michael W. Ham, MD (2006)
Moses Y. Aboagye-Kumi, MD (2006)
Amit Joshi, MD (2007)
Abha Sexena, MD (2007)
Kate Richman, MD (2008)
Charles Stuart, MD (2008)
Wirasat Hasnain, MD (2009)
Saeed Shaffi, MD (2010)
Lara Kfoury, MD (2011)
Krishna Baradhi, MD (2012)
Eman Shaban, MD (2015-2016)
Delin Wang, MD (2016-)

Postdoctoral Research Fellows:

Chen Yu, MD, PhD (2005-2007)
Shan Chen, MBBS, PhD (2007-2010)
Jin Si, PhD (2009-2010)
Hao Bao, MD, PhD (2010-2011)
Li Tian, MD (2009-2010)
Weiwei Xu, MD (2012- 2014)
Bo Jin, MD (2012- 2013)
Hui Bao, MD (2012- 2014)
Zhen Wang, MD (2012- 2014)
Yongfang Jiang, MD, PhD (2012- 2013)
Changbin Li, MD (2014-2016)
Sijie Zhou, MD (2014-2016)
Yingjin Qiao, MD (2014-2016)
Pei Wang, MD, PhD (2015-2016)
Minglei Li, MD (2016-present)
Xianhui Liang, MD (2016-present)