

## CURRICULUM VITAE

**ERIC EDWARD SIMON, M.D.**

### **Address and Telephone Numbers**

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**Present Position** Associate Professor of Medicine,  
Interim Chief, Section of Nephrology and Hypertension  
Tulane University School of Medicine  
Director, Nephrology Training  
Medical Director, Dialysis Clinic, Inc., Canal Street

1968-1972 University of Illinois, Urbana, B.S., Chemistry with high honors

1968-1972 University of Illinois, Urbana, B.S., Microbiology with high honors and distinction

1972-1976 University of Chicago Pritzker School of Medicine, M.D.

### **Postgraduate Training**

1976-1977 Intern, Medicine, University of Kentucky, Lexington

1977-1979 Resident, Medicine, University of Kentucky, Lexington

1980-1983 Fellow, Nephrology, Washington University, St. Louis, Missouri

### **Academic Positions**

1983-1988 Instructor in Medicine, Washington University Medical Center, St. Louis

1988-1994 Assistant Professor of Medicine, Washington University Medical Center, St. Louis, MO

- 1994-1998     Assistant Professor of Medicine, Tulane University School of Medicine,  
New Orleans, LA
- 1998-present   Associate Professor of Medicine, Tulane University School of Medicine,  
New Orleans, LA

### **Hospital Appointments**

- 1979-1980     Emergency room physician, Mary Chiles Hospital, Mount Sterling, KY
- 1983-1994     Attending Physician, Nephrology Division, The Jewish Hospital of St.  
Louis, MO
- 1994-             Attending Physician, Tulane University Hospital and Clinics, New  
Orleans, LA
- 1994-             Attending Physician, VA Hospital, New Orleans, LA
- 1994-             Attending Physician, Medical Center of Louisiana, New Orleans

### **Medical Licensure**

- State of Kentucky     1977-1980
- State of Missouri     1980-1984
- State of Louisiana     1984-present

### **Board Certification**

- Diplomate, American Board of Internal Medicine, 1979
- Diplomate, American Board of Internal Medicine, Subspecialty Nephrology, 1985

### **Honors and Awards**

- Phi Beta Kappa
- Phi Eta Sigma
- Phi Kappa Phi
- National Kidney Foundation Fellowship - 1981-1982
- National Kidney Foundation of Eastern Missouri  
and Metro East, Inc. Fellowship - 1983-1984
- Owl Club (Tulane Student Course/Faculty Evaluation Committee) Award, 1999
- Fellow, American Heart Association

## Previous Grant Support

1984	BSRG, "The role of deep and surface nephrons and the terminal collecting duct in the maintenance of sodium balance in experimental glomerulonephritis"
1984-1987	NIH New Investigator Research Award, "Factors governing ammonia movements along the nephron in vivo," 1984-1987
1985	BSRG, "Factors governing ammonia movements along the renal proximal tubule"
1986	BSRG, "Role of tubuloglomerular feedback regulation of glomerular filtration in experimental glomerulonephritis"
1989	American Heart Association, Missouri Affiliate, "Effects of atrial natriuretic factor and interleukin-1 on renal sodium handling in experimental glomerulonephritis"
1989-1992	American Heart Association, Grant-In-Aid, "Determinants of ammonia movement along the nephron in vivo"
1992-1995	American Heart Association, Grant-In-Aid, "Integrin function in kidney proximal tubule cells"
1996-1998	American Heart Association, Louisiana Affiliate, Grant-In-Aid, "Integrin signalling in renal proximal tubule cells"
1998-2001	Veterans Administration Merit Review, "Integrin signaling in renal tubule cells after oxidant stress"

## Teaching Activities

### *Jewish Hospital at Washington University*

Sophomore Pathophysiology 1985-1994  
Department of Medicine, Resident Morning Report  
Department of Medicine, Intern Morning Report  
Co-Director, Nephrology Training 1989-1994  
Postgraduate Research Advisor to Sujata Nigam, M.D.

### *Tulane University*

Co-Director, Nephrology Training  
Morning Report, VA Medical Service, September 1994  
Postgraduate Research Advisor to Charles Weston, M.B. and Kanae Ishihara, M.D., Ivo Lukisch, M.D.  
Introduction to Clinical Medicine  
Course Director, Sophomore Pathophysiology, 1998- 2002.  
Course Coordinator, Sophomore Pathophysiology, Pathology, Pharmacology, 1998- 2002  
Coordinator, Nephrology Section, New Orleans Internal Medical Board Review, 2001-

2007

### **Invited Lectures**

1. August 1987; "Determinants of ammonia movements along the rat proximal convoluted tubule in vivo," Fourth International Workshop on Ammoniogenesis, Cadarache, France.
2. April 1991; "Renal cortical  $\text{NH}_3$  and  $\text{NH}_4^+$  transport in vivo," FASEB, Atlanta.
3. November 1993; "Role of extracellular matrix in renal disease,": St. Louis University, Nephrology Grand Rounds.
4. June 1993; "Cell adhesion molecules in acute renal failure," International Satellite Symposium on Acute Renal Failure, Halkidiki, Greece.
5. December 1994; "Role of integrins and the actin cytoskeleton following oxidant stress to a proximal tubule cell line," Southern, Salt, Water and Kidney Club, Longboat Key, Florida.
6. December 1995; "Focal adhesion kinase in proximal tubule cells," Southern Salt, Water and Kidney Club, Longboat Key, Florida.
7. February 1997; "Cell Adhesion Molecules," Southern Renal Club Luncheon, New Orleans.
8. April 1997; Chair, Symposium, "Role of integrins in acute renal failure," Experimental Biology 97, New Orleans.
9. October 2003; Symposium. "Vascular access for hemodialysis," Introduction and Chair, New Orleans.
10. May 2005; Symposium on "Vascular Access for Hemodialysis" Introduction and Chair, DCI, Inc Medical Directors Meeting,

### **Peer Review Activities**

#### *Journal Reviewer:*

American Journal of Physiology  
Kidney International  
Journal of Clinical Investigation  
American Journal of Pathology  
American Journal of Kidney Diseases  
Journal of the American Society of Nephrology  
Digestive Diseases and Sciences

#### *Grant Committees:*

National Kidney Foundation of Eastern Michigan, Ann Arbor, Nov. 1990.  
National Kidney Foundation of Eastern Missouri and Metro East, Fellowship Awards  
American Heart Association, LA Affiliate 1997-8  
American Physiological Society Travel Awards 1997  
American Heart Association, Cardiorenal Study Section (National) 2002-

#### *Grant Reviewer:*

VA Merit Review 1987-2005  
American Heart Association 1994-2005

### **Professional Societies**

American Physiological Society  
Central Society for Clinical Research  
Southern Society for Clinical Research  
American Society of Nephrology  
National Kidney Foundation  
American Heart Association, Council on Kidney Diseases  
International Society of Nephrology  
American Federation for Clinical Research  
American Society for Cell Biology

### **Service to Professional Organizations**

National Kidney Foundation of Metro East, Scientific Advisory Board 1989-1994  
National Kidney Foundation of Louisiana, Member-At-Large, Advisory Board, 2000-2004  
Member, Medical Review Board, ESRD Network 13, 2001-2007  
Co-Chair, Medical Review Board, ESRD Network 13, 2007-present  
Member, QI Committee, ESRD Network 13, 2001-2007  
Co-Chair, QI Committee, ESRD Network 13, 2007-present  
Member, Board of Directors, ESRD Network 123, 2007-present  
Member, Executive Committee, American Heart Association Council on Kidney, 2000-present  
Representative from ESRD to Network 13 to the Medical Advisory Board of the Forum ESRD Networks, 2007-present  
Editor, American Heart Association Council on Kidney Newsletter, 2001-2004  
Chair, Membership Committee, American Heart Association Council on Kidney 2004-2006  
Liaison from American Heart Association to the Steering Committee, National Kidney Disease Education Program, 2001-present  
Member Membership and Marketing Committee, American Heart Association 2002-2005  
Member, Membership Benefits Committee, American Heart Association 2007-present

### **Institutional Committees**

*Jewish Hospital at Washington University*  
Department of Medicine, Internship Selection Committee 1987-1994

*Tulane University*  
Faculty Advisory Committee 1995-1998

T-2 Clinical Advisory Committee, 1998-2002  
Curriculum Committee, 1999-2002  
Chair, Immunology Course Review 2002  
Promotions and Tenure Committee, Department Medicine  
Tulane Benefits Committee, 2006-present

## Bibliography

### *Articles and Book Chapters*

1. Buerkert J, Martin D, Trigg D, Simon E: Effect of reduced renal mass on ammonium handling and net acid formation by the superficial and juxtamedullary nephron of the rat. Evidence for impaired reentrainment rather than decreased production of ammonium in the acidosis of uremia. *J. Clin. Invest.* 1983;71:1661-1675.
2. Simon E, Martin D, Buerkert J: Handling of ammonium by the renal proximal tubule during acute metabolic acidosis. *Am. J. Physiol.* 1983;245:F680-F686.
3. Simon E, Martin D, Buerkert J: Contribution of individual superficial nephron segments to ammonium handling in chronic metabolic acidosis in the rat. *J. Clin. Invest.* 1985;76:855-864.
4. Dykman D, Simon EE: Hyperuricemia and uric acid nephropathy. *Arch. Intern. Med.* 1987;147:1341-1345.
5. Simon EE, Hamm LL: Ammonia entry along rat proximal tubule in vivo: effects of luminal pH and flow rate. *Am. J. Physiol.* 1987;253:F760-F766.
6. Hamm LL, Simon EE: Roles and mechanisms of urinary buffer excretion (Editorial Review). *Am. J. Physiol.* 1987;253:F595-F605.
7. Simon EE, Merli C, Fry B, Hering-Smith K, Hamm LL: Determinants of ammonia movements along the rat proximal convoluted tubule in vivo. *Contrib. Nephrol.* 1988;63:6-11.
8. Simon EE, Martin D, Trigg D, Buerkert J: Contribution of the distal tubule to potassium excretion in experimental glomerulonephritis. *Kidney Int.* 1988;34:53-59.
9. Simon EE, Fry B, Hering-Smith K, Hamm LL: Ammonia loss from rat proximal tubule in vivo: effects of luminal pH and flow rate. *Am. J. Physiol.* 1988;255:F861-868.
10. Simon EE, Merli C, Herndon J, Cragoe EJ, Jr, Hamm LL: Determinants of ammonia entry along the rat proximal tubule during chronic metabolic acidosis. *Am. J. Physiol.* 1989;256:F1104-F1110.
11. Kohan DE, Merli CA, Simon EE: Micropuncture localization of the nephron sites responsible for the natriuretic effect of interleukin-1. *Am. J. Physiol.* 1989;256:F810-F813.
12. Hamm LL, Simon EE: Ammonia transport in the proximal tubule in vivo. *Am. J. Kid. Dis.* 1989;14:253-257.

13. Simon EE, Merli C, Fry B, Buerkert J: Contribution of superficial nephron segments to sodium excretion in experimental glomerulonephritis. *Kidney Int.* 1989;36:601-608.
14. Simon EE, Merli C, Herndon J, Hamm LL: Contribution of luminal ammoniogenesis to proximal tubule ammonia entry in the rat. *Am. J. Physiol.* 1990;259:F402-F407.
15. Hamm LL, Simon EE: Ammonia transport in the proximal tubule. *Miner. Electrolyte Metab.* 1990;16:283-290.
16. Simon EE, McDonald JA: Extracellular matrix receptors in the kidney cortex. *Am. J. Physiol.* 1990;259:F783-F792.
17. Buerkert J, Martin D, Trigg D, Simon EE: Sodium handling by deep nephrons and the terminal collecting duct in glomerulonephritis. *Kidney Int.* 1991;39:850-857.
18. Simon EE, Merli C, Herndon J, Cragoe EJ Jr, Hamm LL: Effects of barium and 5-(N-ethyl-N-isopropyl) amiloride on proximal tubule ammonia transport. *Am. J. Physiol.* 1992;262:F36-F39.
19. Goligorsky MS, Lieberthal W, Racusen, Simon EE: Integrin receptors in renal tubular epithelium: New insights into the pathophysiology of acute renal failure. *Am. J. Physiol.* 1993;264:F1-F8.
20. Simon EE: Cell adhesion molecules in acute renal failure. In: Papadimitriou, M. and Alexopoulos, E. (Eds.), *Proceedings of the Third International Satellite Symposium on Acute Renal Failure*. Studio Press, Thessaloniki, Greece, 1993.
21. Simon EE: Integrins in acute renal failure. *Nephrol. Dial. Transplant* 1994;9[Suppl. 4]:26-33.
22. Simon EE, Liu CH, Das M, Nigam S, Broekelman TJ, McDonald JA: Characterization of integrins in cultured human renal cortical tubule epithelial cells. *Am. J. Physiol.* 1994;267:F612-623.
23. Simon EE: New aspects of acute renal failure. *Am. J. Med. Sci.* 1995; 310:217-221.
24. Lefkowitz JB, Simon EE. Adhesion receptors in renal development and disease. Chapter 9 In: *Molecular biology of cell adhesion molecules*, MA Horton (Ed). Chichester: John Wiley and Sons, 1996; 155-174.
25. Moskowitz DW, Gillespie KN, Suetera SP, Druce HM, Merli CA, Simon EE. Evidence for acute renal cortical vasoconstriction after uninephrectomy. *Renal Fail.* 1996; 18:833-846.

26. Simon EE. Experimental Biology 1997: Symposium on the role of integrins in acute renal failure. *J. Exp. Physiol. Pharm.* 1997; 25: 271-2.
27. Nigam S, Weson CE, Liu CH, Simon EE. Alterations in the actin cytoskeleton and integrin expression following oxidant stress to a proximal tubule cell line (JTC-12). *J. Am. Soc. Nephrol.* 1998; 9: 1787-1797.
28. Batuman V, Verroust PJ, Navar GL, Kaysen JH, Goda FO, Simon E, Pontillon F, Campbell WC, Lyles M, Bruno J, Hammond TG. Myeloma light chains are ligands for gp280. *Am. J. Physiol.* 1998; 275: F246-F254.
29. Weston CE, Feibelman MB, Wu K, Simon EE. Effect of oxidant stress on growth factor stimulation of proliferation in cultured human proximal tubule cells. *Kidney Int.* 1999; 56: 1274-1276.
30. Pote A, Zwizinski C, Guan S, Simon EE, Batuman, V. Cytotoxicity of myeloma light chains in cultured human kidney cells. *Am. J. Kid. Dis.* 2000; 36: 735-744
31. Kusus M, Stapleton DD, Lertora JLL, Simon EE, Dreisbach AW. Rhabdomyolysis and acute renal failure in a cardiac transplant recipient due to multiple drug interactions. *Am J Med Sci.* 2000; 320:394-397.
32. Simon EE, Puschett JB. Polyuria and Nocturia. In: *Textbook of Nephrology*, 4th Ed., Massry, SG, Glasscock, RJ (Eds), Baltimore: Williams and Wilkins. 2001.
33. Gauthier P, Simon EE, Lemann J Jr. Acidosis of Chronic Renal Failure. In: *Acid-Base and Electrolyte Disorders*. Dubose, T Jr, Hamm LL. (Eds). W.B. Saunders, Co. 2002
34. Sengul S, Zwizinski, C, Simon EE, Kapasi A, Singhal PC, Batuman, V. Endocytosis of light chains induces cytokines through activation of NF- $\kappa$ B in human proximal tubule cells. *Kidney Int.* 2002; 62: 1977-1988.
35. Weston CE, Feibelman MB, Wu K, Simon EE. Effects of EGF and IGF-1 on proliferation of cultured human proximal tubule cells after oxidant stress. *Renal Fail.* 2004; 26: 13-20.
36. Cao Y, Baig MR, Hamm, LL, Wu K, Simon EE. Growth factors stimulate proximal tubule cell migration independent of augmented tyrosine phosphorylation of focal adhesion kinase. *Biochem Biophys Res Commun.* 2005; 328: 560-6..
37. Orloff MS, Iyengar SK, Winkler CA, Goddard KA, Dart RA, Ahuja TS, Mokryzcki M, Briggs WA, Korbet SM, Kimmel PL, Simon EE, Trachtman H, Vlahov D, Michel DM, Berns JS, Smith MC, Schelling JR, Sedor JR, Kopp JB. Variants In The Wilms Tumor Gene Are Associated With Focal Segmental Glomerulosclerosis In The African American Population. *Physiol Genomics* 2005; 21: 212-221.

38. Hamrahian, SM, Simon, EE. Hyponatremia. eMedicine. 2006.  
<http://www.emedicine.com/med/topic1130.htm>
39. McKenzie LM, Hendrickson SL, Briggs WA, Dart RA, Korbet SM, Mokrzycki MH, Kimmel PL, Ahuja TS, Berns JS, Simon EE, Smith MC, Trachtman H, Michel DM, Schelling JR, Cho M, Zhou YC, Binns-Roemer E, Kirk GD, Kopp JB, Winkler CA. NPHS2 variation in sporadic focal segmental glomerulosclerosis. J Am Soc Nephrol 2007; 18: 2987-2995.
40. Simon EE, Batuman V. Arteriovenous fistulae for hemodialysis--a glass half full. End-stage Renal Disease—Vascular Access 2007. [www.touchbriefings.com](http://www.touchbriefings.com)
41. Li M, Hering-Smith KS, Simon EE, Batuman V. Myeloma light chains induce epithelial mesenchymal transition in human renal proximal tubule epithelial cells. Nephrol Dial Transplant. 2007; Oct 12; [Epub ahead of print]
42. Zhang R, Alper B, Simon E, Florman S, Slakey D. Management of Metabolic Bone Diseases in Kidney Transplant Recipients . Am. J. Med. Sci. 2007; Accepted

#### Articles in preparation

1. Jacob BA, Kopp JB, Tumlin J, Henninger R, Song Q, Quarshie A, Kimmel P, Briggs W, Simon E, Ahuja T, Newman GW. An endothelin-1 single nucleotide polymorphism is associated with HIV-associated nephropathy
2. Eze, C , Simon EE. Hyponatremia. Book Chapter in Evidence Based Nephrology

#### Abstracts

1. Simon E, Martin D, Buerkert J. Effect of acute metabolic acidosis (AMA) on ammonium ( $\text{NH}_4^+$ ) production by the proximal tubule (PT). Kidney Int. 1983;23:239. Presented to the Am. Soc. of Nephrol., Chicago, IL, December 12-14, 1982.
2. Simon E, Martin D, Fritsch J, Buerkert, J. Distal tubule (DT) ammonia entry. Kidney Int. 25: 283, 1984. Presented to the Am. Soc. Nephrology, Washington, D.C., December 4-7, 1983.

3. Simon E, Martin D., Trigg D, Buerkert J. Superficial nephron segmental handling of K and Na in acute glomerulonephritis (AGN). *Kidney Int.* 1985; 27: 250. Presented to the Am. Soc. Nephrol. Washington, D.C., December 9-12, 1984.
4. Buerkert J, Simon E, Martin D, Trigg D. Deep nephron handling of K and Na in acute glomerulonephritis (AGN). *Clin. Res.* 1986; 34: 970A. Presented to the Central Soc. Clin. Invest. Chicago, IL, October 29-31, 1986.
5. Buerkert J, Simon E, Martin D, Trigg, D. K and Na handling in acute glomerulonephritis by deep nephrons. *Kidney Int.* 1987; 31: 364.
6. Simon EE, Merli C, Fry B, Hamm LL. Determinants of ammonia (Am) entry along the rat proximal convoluted tubule (PCT) studied in vivo. *Kidney Int.* 1987; 31: 416. Presented to the Am. Soc. Nephrol., Washington, D.C., December 7-10, 1986.
7. Simon EE, Merli C, Fry B, Hamm LL. The effects of luminal pH and flow rate on proximal convoluted tubule (PCT) ammonia (Am) Entry in the rat in vivo. Presented to the Xth International Congress of Nephrology, London, July 31, 1987.
8. Simon EE, Merli C, Fry B, Hering-Smith K, Hamm LL. Ionic ammonium (NH<sub>4</sub><sup>+</sup>) exit from the rat proximal convoluted tubule (PCT) in vivo. *Kidney Int.* 1988; 33: 407. Presented to the Am. Soc. Nephrol. Washington, D.C., December 13-16, 1987.
9. Kohan D, Merli C, Simon E. Localization of the nephron sites responsible for the natriuretic effect of interleukin-1. *Kidney Int.* 1989; 35:353. Presented to the Am. Soc. Nephrol. San Antonio, TX, December 11-14, 1988
10. Merli C, Simon EE, Herndon J, Cragoe EJ Jr, Hamm LL. Determinants of ammonia (Am) entry along the rat proximal convoluted tubule (PCT) in vivo during chronic metabolic acidosis (CMA). *Kidney Int.* 1989; 35: 459. Presented to the Am. Soc. Nephrol., San Antonio, TX, December 11-14, 1988.
11. Simon EE, Hamm LL. Luminal glutamine deamidation in the rat proximal convoluted tubule (PCT) in vivo: assessment by a new microanalytical glutamine assay. *Kidney Int.* 1989; 35:463. Presented to the Am. Soc. Nephrol., San Antonio, TX, December 11-14, 1988.
12. Simon EE, McDonald J. Extracellular matrix receptors in the kidney. *Kidney Int.* 1990; 37: 223. Presented to the Am. Soc. Nephrol., Washington, D.C., December 3-6, 1989.
13. Merli C, Herndon J, Hamm LL, Simon EE: Luminal ammoniogenesis in chronic metabolic acidosis (CMA). *Kidney Int.* 1990;37:543. Presented to the Am. Soc. Nephrol., Washington, D.C., December 3-6, 1989.
14. Duncan RL, Simon EE: Glucocorticoid stimulation of ammonia production in cultured

- proximal tubule (PT) cells. FASEB J. 1990;4:A831. Presented to FASEB, Washington, D.C., April 1-5, 1986.
15. Kovach KL, Simon EE, Hamm LL: Mathematical model of effect of ammonium (amm) on intracellular pH (pHi). J. Am. Soc. Nephrol. 1990;1:652.
  16. Simon EE, Merli C, Herndon C, Cragoe EJ Jr, Hamm LL. Effects of amiloride and barium on ammonia transport in the rat proximal tubule in vivo. J. Am. Soc. Nephrol. 1990; 1:659. Presented to the Am. Soc. Nephrol., Washington, D.C., December 2-5, 1990.
  17. Simon EE, Das M, McDonald JA. Integrin expression by renal tubule epithelial cells in culture. J. Am. Soc. Nephrol. 2; 582, 1991. Presented to the Am. Soc. Nephrol., Washington, D.C., November 17-20, 1991.
  18. Simon EE, Das M, McDonald JA. Renal cortical tubule cell adhesion to extracellular matrix (ECM): evidence for a new human b1 integrin. J. Am. Soc. Nephrol. 1992; 3: 644. Presented to the Am. Soc. Nephrol. Baltimore, MD, November 15-18, 1992.
  19. Simon EE, Das M, McDonald J. Proximal tubule cell adhesion to extracellular matrix (ECM): evidence for a new b1 integrin. Presented to the XIIth International Congress of Nephrology, Jerusalem, Israel, June 13-18, 1993.
  20. Nigam S, Liu C, Simon EE: Effects of oxidative stress on cell adhesion, actin cytoskeleton and integrin expression in a proximal tubule cell line. J. Am. Soc. Nephrol. 1994;5:905. Presented to the Am. Soc. Nephrol., Orlando, FL, October, 1994.
  21. Liu CH, Simon EE: Focal adhesion kinase (FAK) in proximal tubule epithelial cells in primary culture. J. Am. Soc. Nephrol. 1995; 6:900. Presented to the Am. Soc. of Nephrol., Nov. 5-8, 1995, San Diego, CA.
  22. Liu CH, Weston CE, Simon EE: Focal adhesion kinase (FAK) in proximal tubule epithelial cells in culture. Presented to the Southern Soc. Clin. Invest., Jan. 31-Feb. 2, 1996, New Orleans, LA
  23. Pote A, Guan S, Simon E, Batuman V. Myeloma light chain induces lethal injury in cultured human proximal tubule cells. J. Am. Soc. Nephrol. 1996; 7:1844. Presented to the Am. Soc. Nephrol., Nov. 3-6, 1996, New Orleans, LA.
  24. Weston CE, Feibelman MB, Simon EE. Effect of oxidant stress on growth factor stimulation of proliferation in cultured human proximal tubule cells. Presented to the Southern Soc. Clin. Invest. Feb. 1998, New Orleans, LA.
  25. Weston CE, Feibelman MB, Wu K, Simon EE. Effect of oxidant stress on growth factor stimulation of proliferation in cultured human proximal tubule cells. Presented to the

International Society of Nephrology Symposium, In and Out of Control: The regulation of renal growth. Grand Teton National Park, WY. June 15, 1998

26. Weston CE, Feibelman MB, Wu K, Simon, EE. Effect of oxidant stress on growth factor stimulation of proliferation in cultured human proximal tubule cells. Submitted to the American Society of Nephrology, Oct.1998, Philadelphia, PA.
27. Effect of Growth Factors on Phosphorylation of Focal Adhesion Kinase in Renal Proximal Tubule Cells. Wu K, Pang Y.,Simon, EE. Presented to The American Society of Nephrology. Oct. 2001. San Francisco
28. Sengul S, Zwizinski C, Simon E, Batuman V. Endocytosis of myeloma light chains induces cytokines in human proximal tubule cells, J Am Soc Nephrol 12: 826A, 2001
30. Sengul S, Zwizinski C, Simon E, Batuman V. Endocytosis of myeloma light chains induce cytokine production through activation of nuclear transcription factors in cultured proximal tubule cells. J Invest Med 50:149 A, 2002.
31. Baig M, Cao Y, Simon EE. The effect of growth factors on migration of proximal renal tubule cells. Accepted for presentation Southern Society Clinical Investigation. Feb. 2002, New Orleans.
32. Cao Y, Wu, K, Baig M, Simon EE. The effect of growth factors on the phosphorylation of focal adhesion kinase (FAK) in renal proximal tubule cells. Accepted for presentation Southern Society Clinical Investigation. Feb. 2002, New Orleans.
33. Hamm LL, Baig M, Simon EE. The effects of growth factors on migration of human renal proximal tubule cells. J Am Soc Nephrol. 14: 323A, 2003. Presented to The American Society of Nephrology Nov.2003, San Diego.
34. Simon EE, Reginelli A, Lukitsch I, Baig M. Growth factor stimulation of migration of human renal proximal tubule cells after oxidant stress. Accepted for presentation to The American Society of Nephrology, Oct 2004, St. Louis.
35. Li M, Hering-Smith K, Simon EE, Batuman V. Light chain-induced epithelialmesenchymal transition in human renal proximal tubular epithelial cells. J Am Soc Nephrol, 2006