

D.E. Wesson
Reference List

- Wesson, D. E., Nathan, T., Rose, T., Simoni, J., and Tran, R. M. Dietary protein induces endothelin-mediated kidney injury through enhanced intrinsic acid production. *Kidney International* 71[3], 210-217. 2007.
- Rojas, J. D., Sennoune, S. R., Maiti, D., Bakunts, K., Reuveni, M., Sanka, S. C., Martinez, G. M., Seftor, E. A., Meininger, C. J., Wu, G., Wesson, D. E., Hendrix, M. J., and Martinez-Zaguilan, R. Vacuolar-type H⁺-ATPases at the plasma membrane regulate pH and cell migration in microvascular endothelial cells. *Am.J Physiol Heart Circ.Physiol* 291[3], H1147-H1157. 2006.
- Rosario, R. F. and Wesson, D. E. Primary hypertension and nephropathy. *Current Opinion in Nephrology and Hypertension* 15[2], 130-134. 2006.
- Simoni, J., Simoni, G., Griswold, J. A., Moeller, J. F., Tsikouris, J. P., Khanna, A., Roongsritong, C., and Wesson, D. E. Role of free hemoglobin in 8-iso prostaglandin F₂-alpha synthesis in chronic renal failure and its impact on CD163-Hb scavenger receptor and on coronary artery endothelium. *ASAIO J* 52[6], 652-661. 2006.
- Wesson, D. E., Simoni, J., and Prabhakar, S. Endothelin-induced increased nitric oxide mediates augmented distal nephron acidification as a result of dietary protein. *J Am.Soc.Nephrol.* 17[2], 406-413. 2006.
- Wesson, D. E. Endothelin role in kidney acidification. *Seminars in Nephrology* 26[5], 393-398. 2006.
- Wesson, D. E., King, T. E., Jr., Todd, R. F., Torres, E. A., Hellmann, D. B., Flack, J. M., Dubose, T. D., Jr., and Schuster, V. L. Achieving diversity in academic internal medicine: recommendations for leaders. *Am.J Med* 119[1], 76-81. 2006.
- Wesson, D. E. Moving closer to an understanding of the hyperfiltration of type 2 diabetes mellitus. *Am.J Physiol Regul.Integr.Comp Physiol* 290[4], R973-R974. 2006.
- Wesson, D. E. Regulation of kidney acid excretion by endothelins. *Kidney International* 70[12], 2066-2073. 2006.
- Khanna, A., Simoni, J., and Wesson, D. E. Endothelin-induced increased aldosterone activity mediates augmented distal nephron acidification as a result of dietary protein. *J Am.Soc.Nephrol.* 16[7], 1929-1935. 2005.
- Khanna, A., Simoni, J., Hacker, C., Duran, M. J., and Wesson, D. E. Increased endothelin activity mediates augmented distal nephron acidification induced by dietary protein. *Transactions of the American Clinical and Climatological Association* 116, 239-256. 2005.
- Warmoth, L., Regalado, M. M., Simoni, J., Harrist, R. B., and Wesson, D. E. Cigarette smoking enhances increased urine albumin excretion as a risk factor for glomerular filtration rate decline in primary hypertension. *Am.J Med Sci.* 330[3], 111-119. 2005.
- Wesson, D. E. Presentation of the SSCI founders' medal for 2005 to Richard D. deShazo, MD. *Am.J Med Sci.* 330[5], 213-215. 2005.

- Chuahirun, T., Simoni, J., Hudson, C., Seipel, T., Khanna, A., Harrist, R. B., and Wesson, D. E. Cigarette smoking exacerbates and its cessation ameliorates renal injury in type 2 diabetes. *Am.J Med Sci.* 327[2], 57-67. 2004.
- Himmelfarb, J., Pereira, B. J., Wesson, D. E., Smedberg, P. C., and Henrich, W. L. Payment for quality in end-stage renal disease. *J Am.Soc.Nephrol.* 15[12], 3263-3269. 2004.
- Jefferson, J. A., Simoni, J., Escudero, E., Hurtado, M. E., Swenson, E. R., Wesson, D. E., Schreiner, G. F., Schoene, R. B., Johnson, R. J., and Hurtado, A. Increased oxidative stress following acute and chronic high altitude exposure. *High Alt.Med Biol.* 5[1], 61-69. 2004.
- Khanna, A., Simoni, J., Hacker, C., Duran, M. J., and Wesson, D. E. Increased endothelin activity mediates augmented distal nephron acidification induced by dietary protein. *J Am.Soc.Nephrol.* 15[9], 2266-2275. 2004.
- King, T. E., Jr., Dickinson, T. A., Dubose, T. D., Jr., Flack, J. M., Hellmann, D. B., Pamies, R. J., Todd, R. F., III, Torres, E. A., and Wesson, D. E. The case for diversity in academic internal medicine. *Am.J Med* 116[4], 284-289. 2-15-2004.
- Rojas, J. D., Sennoune, S. R., Martinez, G. M., Bakunts, K., Meininger, C. J., Wu, G., Wesson, D. E., Seftor, E. A., Hendrix, M. J., and Martinez-Zaguilan, R. Plasmalemmal vacuolar H⁺-ATPase is decreased in microvascular endothelial cells from a diabetic model. *J Cell Physiol* 201[2], 190-200. 2004.
- Rojas, J. D., Sennoune, S. R., Maiti, D., Martinez, G. M., Bakunts, K., Wesson, D. E., and Martinez-Zaguilan, R. Plasmalemmal V-H(+)-ATPases regulate intracellular pH in human lung microvascular endothelial cells. *Biochemical and Biophysical Research Communications* 320[4], 1123-1132. 8-6-2004.
- Chuahirun, T., Khanna, A., Kimball, K., and Wesson, D. E. Cigarette smoking and increased urine albumin excretion are interrelated predictors of nephropathy progression in type 2 diabetes. *Am.J Kidney Dis* 41[1], 13-21. 2003.
- Wesson, D. E. The relationship of cigarette smoking to end-stage renal disease. *Seminars in Nephrology* 23[3], 317-322. 2003.
- Chuahirun, T. and Wesson, D. E. Cigarette smoking predicts faster progression of type 2 established diabetic nephropathy despite ACE inhibition. *Am.J Kidney Dis* 39[2], 376-382. 2002.
- Wesson, D. E. The initiation and progression of sickle cell nephropathy. *Kidney International* 61[6], 2277-2286. 2002.
- Silang, R., Regalado, M., Cheng, T. H., and Wesson, D. E. Prokinetic agents increase plasma albumin in hypoalbuminemic chronic dialysis patients with delayed gastric emptying. *Am.J Kidney Dis* 37[2], 287-293. 2001.
- Wesson, D. E. Hypertension and the kidney. *Curr.Hypertens.Rep.* 3[6], 511-516. 2001.
- Wesson, D. E. Endogenous endothelins mediate increased acidification in remnant kidneys. *J Am.Soc.Nephrol.* 12[9], 1826-1835. 2001.

- Regalado, M., Yang, S., and Wesson, D. E. Cigarette smoking is associated with augmented progression of renal insufficiency in severe essential hypertension. *Am.J Kidney Dis* 35[4], 687-694. 2000.
- Simoni, J., Simoni, G., Wesson, D. E., Griswold, J. A., and Feola, M. A novel hemoglobin-adenosine-glutathione based blood substitute: evaluation of its effects on human blood ex vivo. *ASAIO J* 46[6], 679-692. 2000.
- Wesson, D. E. Can risk factor modification prevent nephropathy in type 2 diabetes mellitus? *Am.J Kidney Dis* 36[5], 1054-1056. 2000.
- Wesson, D. E. Physiologic and pathophysiologic renal consequences of H(+)-stimulated endothelin secretion. *Am.J Kidney Dis* 35[3], LII-LIV. 2000.
- Carpenter, R. O., Schaffer, R. L., Maeso, C. E., Sasan, F., Nuchtern, J. G., Jaksic, T., Harberg, F. J., Wesson, D. E., and Brandt, M. L. Postoperative ad lib feeding for hypertrophic pyloric stenosis. *J Pediatr.Surg.* 34[6], 959-961. 1999.
- Hudson, C. A., Rojas, J. D., Sarvazyan, N., Wesson, D. E., and Martinez-Zaguilan, R. Interactions between benzylamiloride and fura-2: studies in vitro and in cardiac myocytes. *Archives of Biochemistry and Biophysics* 356[1], 25-34. 8-1-1998.
- Simoni, J., Simoni, G., Martinez-Zaguilan, R., Wesson, D. E., Lox, C. D., Prien, S. D., and Kumar, R. V. Improved blood substitute: evaluation of its effects on human endothelial cells. *ASAIO J* 44[5], M356-M367. 1998.
- Wesson, D. E. Na/H exchange and H-K ATPase increase distal tubule acidification in chronic alkalosis. *Kidney International* 53[4], 945-951. 1998.
- Wesson, D. E. Dietary acid increases blood and renal cortical acid content in rats. *Am.J Physiol* 274[1 Pt 2], F97-103. 1998.
- Wesson, D. E., Simoni, J., and Green, D. F. Reduced extracellular pH increases endothelin-1 secretion by human renal microvascular endothelial cells. *J Clin.Invest* 101[3], 578-583. 2-1-1998.
- Wesson, D. E. Endogenous endothelins mediate increased distal tubule acidification induced by dietary acid in rats. *J Clin.Invest* 99[9], 2203-2211. 5-1-1997.
- Wesson, D. E. and Dolson, G. M. Endothelin-1 increases rat distal tubule acidification in vivo. *Am.J Physiol* 273[4 Pt 2], F586-F594. 1997.
- Adrogué, H. J. and Wesson, D. E. Role of dietary factors in the hypertension of African Americans. *Seminars in Nephrology* 16[2], 94-101. 1996.
- Martinez-Zaguilan, R. and Wesson, D. E. Regulation of endoplasmic reticulum-Ca-ATPase by glycolysis in eukaryotic cells. *Miner.Electrolyte Metab* 22[5-6], 318-335. 1996.
- Wesson, D. E. Prostacyclin increases distal tubule HCO₃ secretion in the rat. *Am.J Physiol* 271[6 Pt 2], F1183-F1192. 1996.
- Wesson, D. E. Dietary HCO₃ reduces distal tubule acidification by increasing cellular HCO₃ secretion. *Am.J Physiol* 271[1 Pt 2], F132-F142. 1996.

- Wesson, D. E. Reduced bicarbonate secretion mediates increased distal tubule acidification induced by dietary acid. *Am.J Physiol* 271[3 Pt 2], F670-F678. 1996.
- Dolson, G. M., Wesson, D. E., and Adroque, H. J. Vascular relaxation probably mediates the antihypertensive effect of a high-potassium diet: a role for enhanced vascular Na,K-ATPase activity. *J Hypertens.* 13[12 Pt 1], 1433-1439. 1995.
- Wesson, D. E. Combined K⁺ and Cl⁻ repletion corrects augmented H⁺ secretion by distal tubules in chronic alkalosis. *Am.J Physiol* 266[4 Pt 2], F592-F603. 1994.
- Wesson, D. E. and Dolson, G. M. Enhanced HCO₃ secretion by distal tubule contributes to NaCl-induced correction of chronic alkalosis. *Am.J Physiol* 264[5 Pt 2], F899-F906. 1993.
- Wesson, D. E. and Dolson, G. M. Augmented bidirectional HCO₃ transport by rat distal tubules in chronic alkalosis. *Am.J Physiol* 261[2 Pt 2], F308-F317. 1991.
- Wesson, D. E. and Dolson, G. M. Maximal proton secretory rate of rat distal tubules is higher during chronic metabolic alkalosis. *Am.J Physiol* 261[5 Pt 2], F753-F759. 1991.
- Wesson, D. E. Depressed distal tubule acidification corrects chloride-deplete alkalosis in rats. *Am.J Physiol* 259[4 Pt 2], F636-F644. 1990.
- Wesson, D. E. Dietary bicarbonate reduces rat distal nephron acidification evaluated in situ. *Am.J Physiol* 258[4 Pt 2], F870-F876. 1990.
- Wesson, D. E. Augmented bicarbonate reabsorption by both the proximal and distal nephron maintains chloride-deplete metabolic alkalosis in rats. *J Clin.Invest* 84[5], 1460-1469. 1989.
- Wesson, D. E. Glomerular filtration effects of acute volume expansion: importance of chloride. *Kidney International* 32[2], 238-245. 1987.
- Wesson, D. E. Hypocalcemia-associated modulation of renal response to acute volume expansion in rats. *Am.J Physiol* 253[4 Pt 2], F726-F733. 1987.
- Frommer, J. P., Wesson, D. E., Laski, M. E., and Kurtzman, N. A. Juxtamedullary nephrons during acute metabolic alkalosis in the rat. *Am.J Physiol* 249[1 Pt 2], F107-F116. 1985.
- Wesson, D. E., Kurtzman, N. A., and Frommer, J. P. Massive obesity and nephrotic proteinuria with a normal renal biopsy. *Nephron* 40[2], 235-237. 1985.
- Wesson, D. E., Foley, R., Sabatini, S., Wharton, J., Kapusnik, J., and Kurtzman, N. A. Treatment of acute cyanide intoxication with hemodialysis. *Am.J Nephrol.* 5[2], 121-126. 1985.
- Frommer, J. P., Laski, M. E., Wesson, D. E., and Kurtzman, N. A. Internephron heterogeneity for carbonic anhydrase-independent bicarbonate reabsorption in the rat. *J Clin.Invest* 73[4], 1034-1045. 1984.
- Frommer, J. P., Wesson, D. E., Laski, M. E., and Kurtzman, N. A. Generation of reabsorptive bicarbonate concentration gradients between vasa recta and papillary tubular fluid after inhibition of carbonic anhydrase in the rat kidney. *Ann.N.Y Acad.Sci.* 429, 541-543. 1984.
- Baker, J. P., Detsky, A. S., Wesson, D. E., Wolman, S. L., Stewart, S., Whitewell, J., Langer, B., and Jeejeebhoy, K. N. Nutritional assessment: a comparison of clinical judgement and objective measurements. *N.Engl.J Med* 306[16], 969-972. 4-22-1982.

Jeejeebhoy, K. N., Baker, J. P., Wolman, S. L., Wesson, D. E., Langer, B., Harrison, J. E., and McNeill, K. G. Critical evaluation of the role of clinical assessment and body composition studies in patients with malnutrition and after total parenteral nutrition. *Am.J Clin.Nutr.* 35[5 Suppl], 1117-1127. 1982.