

## 8. Literatur

- Aitman TJ, Dong R, Vyxe Tj et al. Copy number polymorphism in Fcgr3 predisposes to glomerulonephritis in rats and humans. *Nature* 2006;439:851-855.
- Bakoush O, Tencer J, Torffvit O, Tenstad O, Skogvall I, Rippe B. Increased glomerular albumin permeability in old spontaneously hypertensive rats. *Nephrol Dial Transplant* 2004;19:1724-1731.
- Baigent C, Burbury K, Wheeler D. Premature cardiovascular disease in chronic renal failure. *Lancet* 2000;356:147-152.
- Bianchi G, Fox U, Di Francesco GF, Giovanetti AM, Pagetti D. Blood pressure changes produced by kidney cross-transplantation between spontaneously hypertensive rats and normotensive rats. *Clin Sci Mol Med* 1974;47:435-448.
- Bianchi S, Bigazzi R, Campese VM. Microalbuminuria in essential hypertension: significance, pathophysiology, and therapeutic implications. *Am J Kidney Dis* 1999;34:973-995.
- Brenner BM, Garcia DL, Anderson S. Glomeruli and blood pressure. Less of one, more the other? *Am J Hypertens* 1988;1:335-347.
- Brown DM, Provoost AP, Daly MJ, Lander ES, Jacob HJ. Renal disease susceptibility and hypertension are under independent genetic control in the fawn-hooded rat. *Nat Genet* 1996;12:44-51.
- Carretero OA, Oparil S. Essential hypertension. Part I: Definition and etiology. *Circulation* 2000;101:329-335.
- Charron S, Duong C, Ménard A, Roy J, Eliopoulos V, Lambert R, Deng AY. Epistasis, not numbers, regulates functions of clustered Dahl rat quantitative trait loci applicable to human hypertension. *Hypertension* 2005;46:1300-1308.
- Clark JS, Jeffs B, Davidson AO, Lee WK, Anderson NH, Bihoreau MT, Brosnan MJ, Devlin AM, Kelman AW, Lindpaintner K, Dominiczak AF. Quantitative trait loci in genetically hypertensive rats. Possible sex specificity. *Hypertension* 1996;28:898-906.
- Cockcroft DW, Gault MH. Prediction of creatinine clearance from serum creatinine. *Nephron* 1976;16:31-41.
- Coresh J, Astor BC, Greene T et al. Prevalence of chronic kidney disease and decreased kidney function in the adult US population: Third National Health and Nutrition Examination Survey. *Am J Kidney Dis* 2003;41:1-12.
- Cowley AW, Jr., Liang M, Roman RJ, Greene AS, Jacob HJ. Consomic rat model systems for physiological genomics. *Acta Physiol Scand* 2004;181:585-592.
- Crofton JT, Ota M, Share L. Role of vasopressin, the renin-angiotensin system, and sex in Dahl salt-sensitive hypertension. *J Hypertens* 1993;11:1031-1038.
- Curtis JJ, Luke RG, Dustan HP et al. Remission of essential hypertension after renal transplantation. *N Engl J Med* 1983;309:1009-1015.

- Cutler JA. High blood pressure and end-organ damage. *J Hypertens* 1996;14(Suppl.6):S3-S6.
- Dahl LK, Heine M, Thompson K. Genetic influence of the kidneys on blood pressure: evidence from chronic renal homografts in rats with opposite predispositions to hypertension. *Circ Res* 1974;40:94-101.
- Fassi A, Sangalli F, Maffi R, Colombi F, Mohamed EI, Brenner BM, Remuzzi G, Remuzzi A. Progressive glomerular injury in the MWF rat is predicted by inborn nephron deficit. *J Am Soc Nephrol* 1998;9:1399-1406.
- Feld LG, Van Liew JB, Galaske RG, Boylan JW. Selectivity of renal injury and proteinuria in the spontaneously hypertensive rat. *Kidney Int* 1977;12:332-343.
- Feld LG, Brentjens JR, van Liew JB. Renal injury and proteinuria in female spontaneously hypertensive rats. *Ren Physiol* 1981;4:46-56.
- Ferguson RM, Grim CE, Opgenorth TJ. A familial risk of chronic renal failure among blacks on dialysis? *J Clin Epidemiol* 1988;41:1189-1196.
- Fink L, Stahl U, Ermert L, Kummer W, Seeger W, Bohle RM. Rat porphobilinogen deaminase gene: a pseudogene-free internal standard for laser-assisted cell picking. *BioTechniques* 1999;26:510-516.
- Fliser D, Ritz E. Does essential hypertension cause progressive renal disease? *J Hypertens Suppl* 1998;16:S13-S15.
- Fogarty DG, Hanna LS, Wantman M, Warram JH, Krolewski AS, Rich SS. Segregation analysis of urinary albumin excretion in families with type 2 diabetes. *Diabetes* 2000;49:1057-1063.
- Fogarty DG, Rich SS, Hanna L, Warram JH, Krolewski AS. Urinary albumin excretion in families with type 2 diabetes is heritable and genetically correlated to blood pressure. *Kidney Int* 2000;57:250-257.
- Fox CS, Yang Q, Guo CY, Cupples LA, Wilson PW, Levy D, Meigs JB. Genome-wide linkage analysis to urinary microalbuminuria in a community-based sample: The Framingham Heart Study. *Kidney Int* 2005;67:70-74.
- Freedman BI, Spray BJ, Tuttle AB, Buckalew VM. The familial risk of end-stage renal disease in African Americans. *Am J Kidney Dis* 1993;21:387-393.
- Freedman BI, Soucie JM, McClellan WM. Family history of end-stage renal disease among incident dialysis patients. *J Am Soc Nephrol* 1997;8:1942-1945.
- Freedman BI, Beck SR, Rich SS, Heiss G, Lewis CE, Turner S, Province MA, Schwander KL, Arnett DK, Mellen BG. A genome-wide scan for urinary albumin excretion in hypertensive families. *Hypertension* 2003;42:291-296.
- Freedman BI. Susceptibility genes for hypertension and renal failure. *J Am Soc Nephrol* 2003;14:S192-S194.
- Fried LF, Orchard TJ, Kasiske BL et al. Effects of lipid reduction on the progression of renal disease: A meta-analysis. *Kidney Int* 2001;59:260-269.

- Ganten U, Schroder G, Witt M, Zimmermann F, Ganten D, Stock G. Sexual dimorphism of blood pressure in spontaneously hypertensive rats: effects of anti-androgen treatment. *J Hypertens* 1989;7:721-726.
- Ganten D, de Jong W. Experimental and genetic models of hypertension. In: Ganten D and de Jong W, eds. *Handbook of Hypertension*. Elsevier Science B.V., 1994;Vol.16.
- Garrett MR, Dene H, Rapp JP. Time-course genetic analysis of albuminuria in dahl salt-sensitive rats on low-salt diet. *J Am Soc Nephrol* 2003;14:1175-1187.
- Garrett MR, Joe B, Yerga-Woolwine S. Genetic linkage of urinary albumin excretion in Dahl salt-sensitive rats: influence of dietary salt and confirmation using congenic strains. *Physiol Genomics* 2006;25:39-49.
- van Goor H, van der Horst ML, Atmosoerodjo J, Joles JA, van TA, Grond J. Renal apolipoproteins in nephrotic rats. *Am J Pathol* 1993;142:1804-1812.
- Gschwend S, Pinto-Sietsma SJ, Buikema H, Pinto YM, van Gilst WH, Schulz A, de Zeeuw D, Kreuz R. Impaired coronary endothelial function in a rat model of spontaneous albuminuria. *Kidney Int* 2002;62:181-191.
- Guidi E, Menghetti D, Milani S, Montagnino G, Palazzi P, Bianchi G. Hypertension may be transplanted with the kidney in humans: a long-term historical prospective follow-up of recipients grafted with kidneys coming from donors with or without hypertension in their families. *J Am Soc Nephrol* 1996;7:1131-1138.
- Hackbarth H, Gärtner K, Alt JM, Stolte H. A subline of the Munich Wistar (MW) strain: response to selection for surface glomeruli. *Rat News Lett* 1980;7:23.
- Hackbarth H, Baunack E, Winn M. Strain differences in kidney function of inbred rats: 1. Glomerular filtration rate and renal plasma flow. *Laboratory Animals* 1981;15:125-128.
- Hackbarth H, Büttner D, Jarck D, Pothmann M, Messow C, Gärtner K. Distribution of glomeruli in the renal cortex of Munich Wistar Frömter (MWF) Rats. *Renal Physiol* 1983;6:63-71.
- Hackbarth H, Gwinner W, Alt JM, Hagemann I, Thiemann A, Finke B. The Munich Wistar Frömter Rat: Proteinuria and blood pressure in correlation to the number of superficial glomeruli. *Renal Physiol Biochem* 1991;14:246-252.
- Hamet P, Kaiser MA, Sun Y, Page V, Vincent M, Kren V, Pravenec M, Kunes J, Tremblay J, Samani NJ. HSP27 locus cosegregates with left ventricular mass independently of blood pressure. *Hypertension* 1996;28:1112-1117.
- Hanes DS, Weir MR, Sowers JR. Gender considerations in hypertension pathophysiology and treatment. *Am J Med* 1996;101:S10-S21.
- Hedrich H. History, strains and models. In: Krinke GJ, ed. *The laboratory rat*. Academic Press, 2000:3-16.
- Hillege HL, Fidler V, Diercks GFH, van Gilst WH, de Zeeuw D, van Veldhuisen DJ, Gans RO, Janssen WM, Grobbee DE, de Jong PE. Urinary albumin excretion predicts cardiovascular and noncardiovascular mortality in general population. *Circulation* 2002;106:1777-1782.

- Hostetter TH, Rennke HG, Brenner BM. The case for intrarenal hypertension in the initiation and progression of diabetic and other glomerulopathies. *Am J Med* 1982;72:375-380.
- Innes BA, McLaughlin MG, Kapuscinski MK, Jacob HJ, Harrap SB. Independent genetic susceptibility to cardiac hypertrophy in inherited hypertension. *Hypertension* 1998;31:741-746.
- Inoue I, Nakajima T, Williams CS et al. A nucleotide substitution in the promotor of human angiotensinogen is associated with essential hypertension and affects basal transcription in vitro. *J Clin Invest* 1997;99:1786-1797.
- International Human Genome Sequencing Consortium. Finishing the euchromatic sequence of the human genome. *Nature* 2004;431:931-945.
- Lordache BE, Imberti O, Foglieni C, Remuzzi G, Bertani T, Remuzzi A. Effects of angiotensin-converting enzyme inhibitor on glomerular capillary wall ultrastructure in MWF/Ztm rats. *J Am Soc Nephrol* 1994;5:1378-1384.
- Jeunemaitre X, Soubrier F, Kotelevtsev YV et al. Molecular basis of human hypertension: role of angiotensinogen. *Cell* 1992;71:169-180.
- Jeunemaitre X, Inoue I, Williams C et al. Haplotypes of angiotensinogen in essential hypertension. *Am J Hum Genet* 1997;60:1448-1460.
- Joint National Committee on prevention, detection, evaluation, and treatment of high blood pressure. The sixth report of the Joint National Committee on prevention, detection, evaluation, and treatment of high blood pressure (JNC VI). *Arch Intern Med* 1997;157:2413-2446.
- Karlsen FM, Andersen CB, Leyssac PP, Holstein-Rathlou N-H. Dynamic autoregulation and renal injury in Dahl rats. *Hypertension* 1997;30:975-983.
- Kaufmann K, Hackbarth H. Quantitative vergleichende Untersuchungen zur Bestimmung der Nierenkörperchenanzahl bei der Munich-Wistar-Frömter-Ratte und der Wistar-Crytorchic-Ratte. *Dtsch Tierärztl Wschr* 1990;97:265-304.
- Keller G, Zimmer G, Mall G, Ritz E, Amann K. Nephron number in patients with primary hypertension. *N Engl J Med* 2003;348:101-108.
- Klahr S, Schreiner G, Ichikawa I. The progression of renal disease. *N Engl J Med* 1988;318:1657-1666.
- Kreutz R, Kovacevic L, Schulz A, Rothermund L, Ketteler M, Paul M. Effect of high NaCl diet on spontaneous hypertension in a genetic rat model with reduced nephron number. *J Hypertens* 2000;18:777-782.
- Kreutz R, Paul M, Ganten D. Hypertonie. In: Gerok W, Huber C, Meinertz T, Zeidler H, eds. *Die Innere Medizin*. 10. Aufl., Stuttgart, New York: Schattauer, 2000; Kap. 6.10:377-399.
- Kreutz R, Hübner N. Congenic rat strains are important tools for the genetic dissection of essential hypertension. *Semin Nephrol* 2002;22:135-147.
- Krolewski AS, Poznik GD, Placha G, Canani L, Dunn J, Walker W, Smiles A, Krolewski B, Fogarty DG, Moczulski D, Araki S, Makita Y, Ng DP, Rogus J, Duggirala R, Rich SS,

- Warram JH. A genome-wide linkage scan for genes controlling variation in urinary albumin excretion in type II diabetes. *Kidney Int* 2006;69:129-136.
- Kunz R, Kreutz R, Beige J, Distler A, Sharma AM. Association between the angiotensinogen 235T-variant and essential hypertension in whites: a systematic review and methodological appraisal. *Hypertension* 1997;30:1331-1337.
- Kwitek-Black AE, Jacob HJ. The use of designer rats in the genetic dissection of hypertension. *Curr Hypertens Rep* 2001;3:12-18.
- Lander E, Kruglyak L. Genetic dissection of complex traits: guidelines for interpreting and reporting linkage results. *Nat Genet* 1995;11(3):241-247.
- Lander ES, Linton LM, Birren B et al. Initial sequencing and analysis of the human genome. *Nature* 2001;409:860-921.
- Levey AS, Bosch JP, Lewis JB et al. A more accurate method to estimate glomerular filtration rate from serum creatinine: a new prediction equation. Modification of Diet in Renal Disease Study Group. *Ann Intern Med* 1999;130:461-470.
- Lindpaintner K, Kreutz R, Ganten D. Genetic variation in hypertensive and 'control' strains – what are we controlling anyway? *Hypertension* 1992;19:428-430.
- Lifton RP, Gharavi AG, Geller DS. Molecular mechanisms of human hypertension. *Cell* 2001;104(4):545-556.
- Livak KJ, Flood SJA, Marmaro J, Giustu W, Deetz K. Oligonucleotides with fluorescent dyes at opposite ends provide a quenched probe system useful for detecting PCR product and nucleic acid hybridization. *PCR Methods and Application* 1995;4:357-362.
- Luft FC. Molecular genetics of human hypertension. *J Hypertens* 1998;16:1871-1878.
- Macconi D, Ghilardi M, Bonassi ME, Mohamed EI, Abbate M, Colombi F, Remuzzi G, Remuzzi A. Effect of angiotensin-converting enzyme inhibition on glomerular basement membrane permeability and distribution of zonula occludens-1 in MWF rats. *J Am Soc Nephrol* 2000;11:477-489.
- Macconi D, Bonomelli M, Benigni A, Plati T, Sangalli F, Longaretti L, Conti S, Kawachi H, Hill P, Remuzzi G, Remuzzi A. Pathophysiologic implications of reduced podocyte number in a rat model of progressive glomerular injury. *Am J Pathol* 2006;168:42-54.
- Mann JF, Gerstein HC, Pogue J, Bosch J, Yusuf S. Renal insufficiency as a predictor of cardiovascular outcomes and the impact of ramipril: the HOPE randomized trial. *Ann Intern Med* 2001;134:629-636.
- Mann JF, Gerstein HC, Dulau-Florea I et al. Cardiovascular risk in patients with mild renal insufficiency. *Kidney Int Suppl* 2003;84:S192-S196.
- Markel P, Shu P, Ebeling C, Carlson GA, Nagle DI, Smutko JS, Moore KJ. Theoretical and empirical issues for marker-assisted breeding of congenic mouse strains. *Nat Genet* 1997;17:280-284.
- Marshal E. Drug firms to create public database of genetic mutations. *Science* 1999;284:406-407.

- Moeller S, Gioberge S, Brown G. ESRD patients in 2001: global overview of patients, treatment modalities and development trends. *Nephrol Dial Transplant* 2002;17:2071-2076.
- Murayama S, Yagyu S, Higo K, Ye C, Mizuno T, Oyabu A, Ito M, Morita H, Maeda K, Serikawa T, Matsuyama M. A genetic locus susceptible to the overt proteinuria in BUF/Mna rat. *Mamm Genome* 1998;9:886-888.
- Murray CJ, Lopez AD. Mortality by cause for eight regions of the world: Global Burden of Disease Study. *Lancet* 1997;349:1269-1276.
- Okamoto K, Aoki K. Development of a strain of spontaneously hypertensive rats. *Jpn Circ J* 1963;27:282-293.
- Okamoto K, Yamori Y, Ooshima A et al. Establishment of the inbred strain of the spontaneously hypertensive rats and genetic factors involved in hypertension. In: Okamoto K, ed. *Spontaneous Hypertension*. Tokyo, Japan, Springer-Igaku Shoin, 1972:1-8.
- Patschan O, Kuttler B, Heeman U, Uber A, Rettig R. Kidneys from normotensive donors lower blood pressure in young transplanted spontaneously hypertensive rats. *Am J Physiol* 1997;273:R175-R180.
- Pennisi E. Reaching their goal early, sequencing labs celebrate. *Science* 2003;300:409.
- Poyan Mehr A, Siegel AK, Kossmehl P, Schulz A, Plehm R, de Bruijn JA, de Heer E, Kreuz R. Early onset albuminuria in Dahl rats is a polygenetic trait that is independent from salt loading. *Physiol Genomics* 2003;14:209-216.
- Prichard SS. Impact of Dyslipidemia in end-stage renal disease. *J Am Soc Nephrol* 2003;14:315-320.
- Pruitt KD, Maglott DR. RefSeq and LocusLink: NCBI gene-centered resources. *Nucleic Acids Res* 2001;29:137-140.
- Raij L, Azar S, Keane W. Mesangial immune injury, hypertension, and progressive glomerular damage in Dahl rats. *Kidney Int* 1984;26:137-143.
- Rangel-Filho A, Sharma M, Datta YH, Moreno C, Roman RJ, Iwamoto Y, Provoost AP, Lazar J, Jacob HJ. RF-2 gene modulates proteinuria and albuminuria independently of changes in glomerular permeability in the fawn-hooded hypertensive rat. *J Am Soc Nephrol* 2005;16:852-856.
- Rapp JP. Genetic analysis of inherited hypertension in the rat. *Physiol Rev* 2000;80:135-175.
- Remuzzi A, Puntorieri S, Mazzoleni A, Remuzzi G. Sex related differences in glomerular ultrafiltration and proteinuria in Munich-Wistar rats. *Kidney Int* 1988;34:481-486.
- Remuzzi A, Puntorieri S, Battaglia C, Bertani T, Remuzzi G. Angiotensin converting enzyme inhibition ameliorates glomerular filtration of macromolecules and water and lessens glomerular injury in the rat. *J Clin Invest* 1990;85:541-549.
- Remuzzi A, Puntorieri S, Alfano M, Macconi D, Abbate M, Bertani T, Remuzzi G. Pathophysiologic implications of proteinuria in a rat model of progressive glomerular injury. *Lab Invest* 1992;67:572-579.

- Remuzzi A, Benigni A, Malanchini B, Bruzzi I, Foglieni C, Remuzzi G. ACE-inhibition prevents renal failure and death in uninephrectomized MWF/Ztm rats. *Kidney Int* 1995;47:1319-1326.
- Remuzzi G, Bertani T. Pathophysiology of progressive nephropathies. *N Engl J Med* 1998;12:1448-1456.
- Remuzzi A, Gagliardini E, Donadoni C et al. Effect of angiotensin II antagonism on the regression of kidney disease in the rat. *Kidney Int* 2002;62:885-894.
- Remuzzi G, Benigni A, Remuzzi A. Mechanisms of progression and regression of renal lesions of chronic nephropathies and diabetes. *J Clin Invest* 2006;116:288-296.
- Remuzzi A, Gagliardini E, Sangalli F, Bonomelli M, Piccinelli M, Benigni A, Remuzzi G. ACE inhibition reduces glomerulosclerosis and regenerates glomerular tissue in a model of progressive renal disease. *Kidney Int* 2006;69:1124-1130.
- Rettig R, Folberth C, Stauss H, Kopf D, Waldherr R, Unger T. Role of the kidney in primary hypertension: a renal transplantation study in rats. *Am J Physiol* 1990;258:F606-F611.
- Ritz E. Renal dysfunction as a novel risk factor: Microalbuminuria and cardiovascular risk. *Kidney Int* 2005;67(Suppl.93):S25-S28.
- Rubanyi GM. The role of the endothelium in cardiovascular homeostasis and diseases. *J Cardiovasc Pharmacol* 1993;22:S1-S14.
- Rubattu S, Struk B, Kreutz R et al. Animal models of genetic hypertension: What can we learn for human hypertension? *Clin Exp Pharmacol Physiol* 1995;22:386-393.
- Rubattu S, Volpe M, Kreutz R, Ganten U, Ganten D, Lindpaintner K. Chromosomal mapping of quantitative trait loci contributing to stroke in a rat model of complex human disease. *Nat Genet* 1996;13:429-433.
- Ruilope LM, Salvetti A, Jamerson K, Hansson L, Warnold I, Wedel H, Zanchetti A. Renal function and intensive lowering of blood pressure in hypertensive participants of the hypertension optimal treatment (HOT) study. *J Am Soc Nephrol* 2001;12:218-225.
- Ruggenenti P, Perna A, Benini R et al. In chronic nephropathies prolonged ACE inhibition can induce remission: dynamics of time-dependent changes in GFR. *J Am Soc Nephrol* 1999;10:997-1006.
- Ruggenenti P, Schieppati A, Remuzzi G. Progression, remission, regression of chronic renal diseases. *Lancet* 2001;357:1601-1608.
- Satko SG, Freedman BI, Moossavi S. Genetic factors in end-stage renal disease. *Kidney Int* 2005;67(Suppl.94):S46-S49.
- Schachter AD, Ichimura T, Kohane IS. Chromosomes 18 and X are quantitative trait loci for nephrotic-range proteinuria in rats. *Pediatr Nephrol* 2005;20(12):1717-1723.
- Schulz A. Genetische Charakterisierung der MWF-Ratte: Ein Rattenmodell zur Identifizierung genetischer Faktoren, die zu arterieller Hypertonie und Proteinurie führen. Dissertation, FU Berlin 2002.

- Schulz A, Litfin A, Kossmehl P, Kreutz R. Genetic dissection of increased urinary albumin excretion in the Munich Wistar Frömter rat. *J Am Soc Nephrol* 2002;13:2706-2714.
- Schulz A, Standke D, Kovacevic L, Mostler M, Kossmehl P, Stoll M, Kreutz R. A major gene locus links early onset albuminuria with renal interstitial fibrosis in the MWF rat with polygenetic albuminuria. *J Am Soc Nephrol* 2003;14:3081-3089.
- Schulz A, Weiss J, Wehland M, Wendt N, Kossmehl P, Sietmann A, Grimm D, Stoll M, Kreutz R. The development of overt proteinuria in the MWF rat is suppressed by replacement of chromosome 6 in a consomic rat strain. *J Am Soc Nephrol* 2006; Revision eingereicht.
- Seaquist ER, Goetz FC, Rich SS, Barbosa J. Familial clustering of diabetic kidney disease: Evidence for genetic susceptibility to diabetic nephropathy. *N Engl J Med* 1989;320:1161-1165.
- Segura J, Campo C, Gil P, Roldán C, Vigil L, Rodicio JL, Ruilope LM. Development of chronic kidney disease and cardiovascular prognosis in essential hypertensive patients. *J Am Soc Nephrol* 2004;15:1616-1622.
- Seliger SL, Weiss NS, Gillen DL, Kestenbaum B, Ball A, Sherrard DJ, Stehmann-Breen CO. HMG-CoA reductase inhibitors are associated with reduced mortality in ESRD patients. *Kidney Int* 2002;61:297-304.
- Shiozawa M, Provoost AP, van Dokkum RP, Majewski RR, Jacob HJ. Evidence of gene-gene interactions in the genetic susceptibility to renal impairment after unilateral nephrectomy. *J Am Soc Nephrol* 2000;11:2068-2078.
- Siegel AK. Experimentelle Genetik der salzsensitiven Hypertrophie und hypertensiven Endorganschäden. Dissertation, Charité - Universitätsmedizin Berlin 2004.
- Siegel AK, Kossmehl P, Planert M, Schulz A, Wehland M, Stoll M, Bruijn JA, de Heer E, Kreutz R. Genetic linkage of albuminuria and renal injury in Dahl salt-sensitive rats on a high salt diet: comparison with spontaneously hypertensive rats. *Physiol Genomics* 2004;18:218-225.
- Silbiger SR, Neugarten J. The impact of gender on the progression of chronic renal disease. *Am J Kidney Dis* 1995;25:515-533.
- Skov K, Nyengaard JR, Korsgaard, Mulvany MJ. Number and size of renal glomeruli in spontaneously hypertensive rats. *J Hypertens* 1994;12:1373-1376.
- Spray BJ, Atassi NG, Tuttle AB, Freedman BI. Familial risk, age at onset, and cause of end-stage renal disease in white Americans. *J Am Soc Nephrol* 1995;5:1806-1810.
- Stoll M, Kwitek-Black AE, Cowley AWJ, Harris EL, Harrap SB, Krieger JE, Printz MP, Provoost AP, Sassard J, Jacob HJ. New target regions for human hypertension via comparative genomics. *Genome Res* 2000;10:473-482.
- Strandgaard S, Hansen U. Hypertension in renal allograft recipients may be conveyed by cadaveric kidneys from donors with subarachnoid haemorrhage. *Br Med J (Clin Res Ed)* 1986;292:1041-1044.
- Toto RD. Conventional measurement of renal function utilizing serum creatinine, creatinine clearance, inulin and para-aminohippuric acid clearance. *Curr Opin Nephrol and Hypertens* 1995;4:505-509.



- Toto RD. Proteinuria reduction: mandatory consideration or option when selecting an antihypertensive agent? *Curr Hypertens Rep* 2005;7:374-378.
- d'Uscio LV, Kilo J, Lüscher TF, Gassmann M. Circulation. In: Krinke GJ, ed. *The laboratory rat*. Academic Press, 2000:345-357.
- Varizi ND, Sato T, Liang K. Molecular mechanisms of altered cholesterol metabolism in rats with spontaneous focal glomerulosclerosis. *Kidney Int* 2003;63:1756-1763.
- Varizi ND. Dyslipidemia of chronic renal failure: the nature, mechanisms, and potential consequences. *Am J Physiol Renal Physiol* 2006;290:262-272.
- Volpe M, Rubattu S. Pathophysiological aspects in the different models of genetic hypertension. In: Ganten D and de Jong W, eds. *Handbook of Hypertension*. Elsevier Science B.V., 1994;Vol.16:366-370.
- Wang DG, Fan J, Siao C et al. Large-scale identification, mapping, and genotyping of single nucleotide polymorphisms in the human genome. *Science* 1998;280:1077-1081.
- Wilmer WA, Hebert LA, Lewis EJ et al. Remission of nephrotic syndrome in type 1 diabetes: long-term follow-up of patients in the Captopril Study. *Am J Kidney Dis* 1999;34:308-314.
- Winn MP, Conlon PJ, Lynn KL, Howell DN, Slotterbeck BD, Smith AH, Graham FL, Bembe M, Quarles LD, Pericak-Vance MA, Vance JM. Linkage of a gene causing familial focal segmental glomerulosclerosis to chromosome 11 and further evidence of genetic heterogeneity. *Genomics* 1999;58:1113-1120.
- Xue JL, Ma JZ, Louis TA, Collins AJ. Forecast of the number of patients with end-stage renal disease in the United States to the year 2010. *J Am Soc Nephrol* 2001;12:2753-2758.
- Yagil C, Sapojnikov M, Wechsler A, Korol A, Yagil Y. Genetic dissection of proteinuria in the Sabra rat. *Physiol Genomics* 2006;25:121-133.
- Yamori Y. Development of the spontaneously hypertensive rat (SHR), the stroke-prone SHR (SHRSP) and their various substrain models for hypertension-related cardiovascular diseases. In: Ganten D and de Jong W, eds. *Handbook of Hypertension*. Elsevier Science B.V., 1994;Vol.16:346-364.
- de Zeeuw D, Hillege HL, de Jong PE. The kidney, a cardiovascular risk marker, and a new target for therapy. *Kidney Int* 2005;68(Suppl.98):S25-S29.