

6 Literatur

- Adshead SAM.** *Salt and Civilization.* Macmillan Academic and Professional Ltd: London, **1992.**
- Agapitov AV,** Haynes WG. Role of endothelin in cardiovascular disease. *J Renin Angiotensin Aldosterone Syst* **2002**; 3: 1-15.
- Agata J,** Chao L, Chao J. Kallikrein gene delivery improves cardiac reserve and attenuates remodeling after myocardial infarction. *Hypertension* **2002**; 40(5): 653-659.
- Alderman MH.** Salt, blood pressure and health: a cautionary tale. *Int J Epidemiol* **2002**; 31: 311-315.
- Alexander N,** Hinshaw LB, Drury DR: Development of a strain of spontaneously hypertensive rabbits. *Proc Natl Acad Sci USA* **1954**; 86: 855-858.
- Ambard C,** Beaujard E. Causes of arterial hypertension. In: Rustin A (Ed.). *Classics in Arterial Hypertension.* Springfield, IL: Charles C. Thomas, **1956**: 297-310.
- Avolio AP,** Clyde KM, Beard TC, Cooke HM, Ho KK, O'Rourke MF. Improved arterial distensibility in normotensive subjects on a low salt diet. *Arteriosclerosis* **1986**; 6: 166-169.
- Barba G,** Cappuccio FP, Russo L, Stinga F, Iacone R, Strazzullo P. Renal function and blood pressure response to dietary salt restriction in normotensive men. *Hypertension* **1996**; 27: 1160-1164.
- Barton M,** D'Uscio LV, Shaw S, Meyer P, Moreau P, Luscher TF. ET(A) receptor blockade prevents increased tissue endothelin-1, vascular hypertrophy, and endothelial dysfunction in salt-sensitive hypertension. *Hypertension* **1998**; 31: 499-504.
- Beckmann JS,** Weber JL. Survey of human and rat microsatellites. *Genomics* **1992**; 12: 627-631.
- Bianchi G,** Cusi D, Guidi E. Renal hemodynamics in human subjects and in animals with genetic hypertension during the prehypertensive stage. *Am J Nephrol* **1983**; 3: 73-79.
- Bianchi G,** Tripodi G, Casari G, Salardi S, Barber BR, Garcia R, Leoni P, Torielli L, Cusi D, Ferrandi M. Two point mutations within the adducin genes are involved in blood pressure variation. *Proc Natl Acad Sci U S A* **1994**; 91: 3999-4003.
- Bianchi S,** Bigazzi R, Campese VM. Microalbuminuria in essential hypertension: significance, pathophysiology, and therapeutic implications. *Am J Kidney Dis* **1999**; 34: 973-995.
- Bigazzi R,** Bianchi S, Baldari G, Campese VM. Clustering of cardiovascular risk factors in salt-sensitive patients with essential hypertension: role of insulin. *Am J Hypertens* **1996**; 9: 24-32.
- Bihorac A,** Tezcan H, Ozener C, Oktay A, Akoglu E. Association between salt sensitivity and target organ damage in essential hypertension. *Am J Hypertens* **2000**; 13: 864-872.
- Blasi ER,** Rocha R, Rudolph AE, Blomme EA, Polly ML, McMahon EG. Aldosterone/salt induces renal inflammation and fibrosis in hypertensive rats; *Kidney Int* **2003** 63(5): 1791-800.

- Bradford MM.** A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding. *Anal Biochem* **1976**; 72: 248-254.
- Campese VM.** Effects of calcium antagonists on deranged modulation of the renal function curve in salt-sensitive patients with essential hypertension. *Am J Cardiol* **1988**; 62: 85G-91G.
- Camussi A, Bianchi G.** Genetics of essential hypertension: From the unimodal-bimodal controversy to molecular technology. *Hypertension* **1988**; 12: 620-628.
- Carretero OA, Oparil S.** Essential hypertension. Part I: Definition and etiology. *Circulation* **2000**; 101: 329-335.
- Casari G, Barlassina C, Cusi D, Zagato L, Muirhead R, Righetti M, Nembri P, Amar K, Gatti M, Macciardi F.** Association of the alpha-adducin locus with essential hypertension. *Hypertension* **1995**; 25: 320-326.
- Cicila GT, Choi C, Dene H, Lee SJ, Rapp JP.** Two blood pressure / cardiac mass quantitative trait loci on chromosome 3 in Dahl rats. *Mamm Genome* **1999**; 10: 112-116.
- 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.
- Corvol P, Persu A, Gimenez-Roqueplo A.P., Jeunemaitre X.** Seven lessons from two candidate genes in human essential hypertension: Angiotensinogen and epithelial sodium channel. *Hypertension* **1999**; 33: 1324-1331.
- Curtis JJ, Luke RG, Dustan HP, Kashgarian M, Whelchel JD, Jones P, Diethelm AG.** Remission of essential hypertension after renal transplantation. *N Engl J Med* **1983**; 309 (17): 1009-1015.
- Cusi D, Barlassina C, Azzani T, Casari G, Citterio L, Devoto M, Glorioso N, Lanzani C, Manunta P, Righetti M, Rivera R, Stella P, Troffa C, Zagato L, Bianchi G.** Polymorphisms of alpha-adducin and salt sensitivity in patients with essential hypertension. *Lancet* **1997**; 349: 1353-1357.
- Cutler JA, Follmann D, Elliott P, Suh I.** An overview of randomized trials of sodium reduction and blood pressure. *Hypertension* **1991**; 17 (1 Suppl): I27-I33.
- Cutler JA, Follmann D, Allender PS.** Randomized trials of sodium reduction: an overview. *Am J Clin Nutr* **1997**; 65 (2 Suppl): 643S-651S.
- Dahl LK, Heine M, Tassinari L.** Effects of chronic excess salt ingestion: evidence that genetic factors play an important role in susceptibility to experimental hypertension. *J Exp Med* **1962a**; 115: 1173-1190.
- Dahl LK, Heine M, Tassinari L.** Role of genetic factors in susceptibility to experimental due to chronic excess salt ingestion. *Nature* **1962b**; 194: 480-482.
- Daniel LE.** Overview of dietary sodium effects on and interactions with cardiovascular and neuroendocrine functions. *Am J Clin Nutr* **1997**; 65 (2 Suppl): 594S-605S.
- Daniels SD, Meyer RA, Loggie JM.** Determinants of cardiac involvement in children and adolescents with essential hypertension. *Circulation* **1990**; 82: 1243-1248.
- DeQuattro V, Chan S.** Raised plasma catecholamines in some patients with primary hypertension. *Lancet* **1972**; 1: 806-809.

- Duprez DA**, Bauwens FR, De Buyzere ML, De Backer TL, Kaufman JM, Van Hoecke J, Vermeulen A, Clement DL. Influence of arterial blood pressure and aldosterone on left ventricular hypertrophy in moderate essential hypertension. *Am J Cardiol* **1993**; 71(3): 17A-20A.
- Dworkin LD**, Hostetter TH, Rennke HG, Brenner BM. Evidence for hemodynamic basis for glomerular injury in rats with desoxycorticosterone-salt hypertension. *J Clin Invest* **1984**; 73: 1448-1461.
- Ei Halawani ME**, Weibel PE, Appel JR, Good AL. Catecholamines and monoamine-oxidase activity in turkeys with high or low blood pressure. *Trans N Y Acad Sci* **1973**; 35: 463-470.
- Elliot AH**, Nuzum FR. Urinary excretion of a depressor substance (kallikrein of Frey and Kraut) in arterial hypertension. *Endocrinology* **1934**; 18: 462-474.
- Elliott P**, Stamler J, Nichols R, Dyer AR, Stamler R, Kesteloot H, Marmot M. Intersalt revisited: further analyses of 24 hour sodium excretion and blood pressure within and across populations. *BMJ* **1996**; 312: 1249-1253.
- Elliott P**, Stamler J. Evidence on salt and blood pressure is consistent and persuasive. *Int J Epidemiol* **2002**; 31: 316-319; discussion 331-332.
- Engelman K**, Portnoy B, Sjoerdsma A. Catecholamines-cyclic amp-angiotensin receptors. Plasma catecholamine concentrations in patients with hypertension. *Circ Res* **1970**; 27(1 Suppl 1): 141-146.
- Fields NG**, Yuan B, Leenen FHH. NaCl-induced cardiac hypertrophy: cardiac sympathetic activity versus volume load. *Circ Res* **1991**; 68: 745-755.
- Fogarty DG**, Hanna LS, Wantman W, Warram JH, Krolewski AS, Rich SS. Segregation analysis of urinary albumin excretion in families with type 2 diabetes. *Diabetes* **2000a**; 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* **2000b**; 57: 250-257.
- Freeman DA**, Petitti DB. Salt, blood pressure and public policy. *Int J Epidemiol* **2002**; 31: 319-320; discussion 331-332.
- Frohlich ED**, Tarazi RC. Is arterial pressure the sole factor responsible for hypertensive cardiac hypertrophy? *Am J Cardiol* **1979**; 44: 959-963.
- Garrett MR**, Dene H, Walder R, Zhang QY, Cicila GT, Assadnia S, Deng AY, Rapp JP. Genome scan and congenic strains for blood pressure QTL using Dahl salt-sensitive rats. *Genome Res* **1998**; 8: 711-723.
- Garrett MR**, Saad Y, Dene H, Rapp JP. Blood pressure QTL that differentiate Dahl salt-sensitive and spontaneously hypertensive rats. *Physiol Genomics* **2000**; 3: 33-38.
- Garrett MR**, Joe B, Dene H, Rapp JP. Identification of blood pressure quantitative trait loci that differentiate two hypertensive strains. *Journal of Hypertension* **2002**; 20: 2399-2406.
- 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.

- Graudal NA**, Gallo AM, Garred P. Effects of sodium restriction on blood pressure, renin, aldosterone, catecholamines, cholesterols, and triglyceride: a meta-analysis. *JAMA* **1998**; 279: 1383-1391.
- Guyton AC**, Langston JB, Navar G: Theory for renal autoregulation by feedback at the juxtaglomerular apparatus. *Circ Res* **1964**; 14/15 (suppl I): I-187-I-197.
- 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.
- Harrap SB**, Danes VR, Ellis JA, Griffiths CD, Jones EF, Delbridge LM. The hypertrophic heart rat: a new normotensive model of genetic cardiac and cardiomyocyte hypertrophy. *Physiol Genomics* **2002**; 9: 43-48.
- Hayakawa H**, Raij L. The link among nitric oxide synthase activity, endothelial function, and aortic and ventricular hypertrophy in hypertension. *Hypertension* **1997**; 29: 235-241.
- He J**, Whelton PK. Salt intake, hypertension and risk of cardiovascular disease: an important public health challenge. *Int J Epidemiol* **2002**; 31: 327-331; discussion 331-332.
- Hedrich H**. History, strains and models. In: Krinke GJ (ed): *The Laboratory Rat* **2000**; Academic Press; 3-16.
- Hilbert P**, Lindpaintner K, Beckmann JS, Serikawa T, Soubrier F, Dubay C, Cartwright P, De Gouyon B, Julier C, Takahashi S, et al.. Chromosomal mapping of two genetic loci associated with blood-pressure regulation in hereditary hypertensive rats. *Nature* **1991**; 353: 521-529.
- Houghton JL**, Smith VE, Strogatz DS, Henches NL, Breisblatt WM, Carr AA. Effect of African-American race and hypertensive left ventricular hypertrophy on coronary vascular reactivity and endothelial function. *Hypertension* **1997**; 29: 706-714.
- Hübner N**, Kreutz R, Lindpaintner K. Strategies for the identification of chromosomal loci associated with hypertension in hereditary hypertensive rats. In: Ganten D and de Jong W, ed. *Handbook of Hypertension* **1994**; Elsevier Science B. V.; Vol 16: 173-185.
- Iglarz M**, Schiffrin EL. Role of endothelin-1 in hypertension. *Curr Hypertens Rep* **2003**; 5: 144-148.
- Innes BA**, McLaughlin MG, Kapuscinski MK, Jacob HJ, Harrap SB. Independent genetic susceptibility to cardiac hypertrophy in inherited hypertension. *Hypertension* **1998**; 31: 741-746.
- Intersalt Cooperative Research Group**. Intersalt: an international study of electrolyte excretion and blood pressure. Results for 24-hour urinary sodium and potassium excretion. *BMJ* **1988**; 297: 319-328.
- Jacob HE**, Lindpaintner K, Lincoln SE, Kusumi K, Bunker RK, Mao YP, Ganten D, Dzau VJ, Lander ES. Genetic mapping of a gene causing hypertension in the stroke-prone spontaneously hypertensive rat. *Cell* **1991**; 67: 213-224.
- Joe B**, Garrett MR, Dene H, Rapp JP. Substitution mapping of a blood pressure quantitative trait locus to a 2.73 Mb region on rat chromosome 1. *J Hypertens* **2003**; 21(11): 2077-84.

- Karlsen FM**, Andersen CB, Leyssac PP, Holstein-Rathlou N-H. Dynamic autoregulation and renal injury in Dahl rats. *Hypertension* **1997**; 30: 975-983.
- Katz JI**, Skom JH, Wakerlin GE. Pathogenesis of spontaneous and pyelonephritic hypertension in the dog. *Circ Res* **1957**; 5: 137-143.
- Kihara M**, Utagawa N, Mano M, Nara Y, Horie R, Yamori Y. Biochemical aspects of salt-induced, pressure-independent left ventricular hypertrophy in rats. *Heart Vessels* **1985**; 1(4): 212-215.
- Kimura G**, Ashida T, Abe H, Kawano Y, Yoshimi H, Sanai T, Imanishi M, Yoshida K, Kawamura M, Kojima S, Kuramochi M, Omae T. Sodium sensitive and sodium retaining hypertension. *Am J Hypertens* **1990**; 3: 854-858.
- Kreutz R**, Hübner N, Ganten D, Lindpaintner K: Bluthochdruck. Die beteiligten Gene und ihre Bedeutung, in Fischer EP, Geissler E (eds): *Wieviel Genetik braucht der Mensch. Die alten Träume der Genetiker und ihre heutigen Methoden*. Konstanz, Konstanzer Bibliothek, **1994**; 239-252.
- Kreutz R**, Paul M, Ganten D. Hypertonie. In: Gerok W, Huber C, Meinertz T, Zeidler H (eds): *Die Innere Medizin*. Stuttgart, 10. Aufl., Stuttgart, New York: Schattauer, **2000**; Kap. 6.10: 377-399.
- 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**, Hübner N. Congenic rat strains are important tools for the genetic dissection of essential hypertension. *Semin Nephrol* **2002**; 22: 135-147.
- Kuroda T**, Shiina A, Tsuruda K, Yamasawa M, Mitsunashi T, Tsuruya Y, Seino Y, Fujita T, Suzuki O, Natsume T. Assessment of hypertensive heart by 2-dimensional echocardiography in mass screening. *Jpn Circ J* **1991**; 55: 365-376.
- Lander ES**, Green P, Abrahamson J, Barlow A, Daly MJ, Lincoln SE, Newburg L: MAPMAKER. an interactive computer package for constructing primary genetic linkage maps of experimental and natural populations. *Genomics* **1987**; 1: 174-181.
- Lander E**, Kruglyak L. Genetic dissection of complex traits: guidelines for interpreting and reporting linkage results. *Nat Genet* **1995**; 11(3): 241-247.
- Langenfeld MR**, Schmieder RE. Salt and left ventricular hypertrophy: what are the links? *J Hum Hypertens* **1995**; 9: 909-916.
- Law MR**, Frost CD, Wald NJ. By how much does dietary salt reduction lower blood pressure? III-analysis of data from trials of salt reduction (published erratum appears in *BMJ* 1991; 302: 939). *BMJ* **1991**; 302: 819-824.
- Liebson PR**, Grandits G, Prineas R, Dianzumba S, Flack JM, Cutler JA, Grimm R, Stamler J. Echocardiographic correlates of left ventricular structure among 844 mildly hypertensive men and women in the Treatment of Mild Hypertension Study TOMHS. *Circulation* **1993**; 87: 476-486.
- Lifton RP**. Molecular genetics of human blood pressure variation. *Science* **1996**; 272: 676-680.
- Lifton RP**, Gharavi AG, Geller DS. Molecular mechanisms of human hypertension. *Cell* **2001**; 104(4): 545-56.

- Lindpaintner K**, Sen S. Role of sodium in hypertensive cardiac hypertrophy. *Circ Res* **1985**; 57: 610-617.
- Lindpaintner K**, Takahashi S, Ganten D. Structural alterations of the renin gene in stroke-prone spontaneously hypertensive rats: Examination of genotype-phenotype correlations. *J Hypertension* **1990**; 8: 763-773.
- Linz W**, Wiemer G, Scholkens BA. Contribution of bradykinin to the cardiovascular effects of ramipril. *J Cardiovasc Pharmacol* **1993**; 22 Suppl 9:S1-8.
- Lovenberg W**, Horan M (eds.). Genetic rat models of hypertension. Guidelines for breeding, care, use. *Hypertension* **1987**; 9 (suppl. 1): I1-I42.
- Luft FC**. [Cum grano salis.] *Dtsch Med Wochenschr* **1999**; 124 (45): 1351-1355.
- Luft FC**. Proinflammatory effects of angiotensin II and endothelin: targets for progression of cardiovascular and renal disease. *Curr Opin Nephrol Hypertens* **2002**; 11: 59-66.
- MacGregor G**, de Wardener HE. Salt, blood pressure and health. *Int J Epidemiol* **2002**; 31: 320-327; discussion 331-332.
- MacMahon S**, Peto R, Cutler J, Collins R, Sorlie P, Neaton J, Abbott R, Godwin J, Dyer A, Stamler J. Blood pressure, stroke, and coronary heart disease. Part 1, Prolonged differences in blood pressure: prospective observational studies corrected for the regression dilution bias. *Lancet* **1990**; 335 (8692): 765-774.
- Mallamaci F**, Leonardis D, Bellizzi V, Zoccali C. Does high salt intake cause hyperfiltration in patients with essential hypertension? *J Hum Hypertens* **1996**; 10: 157-161.
- Margolius HS**, Geller R, Pisano JJ, Sjoerdsma A. Altered urinary kallikrein excretion in human hypertension. *Lancet* **1971**; 2: 1063-1065.
- Mark AL**. The sympathetic nervous system in hypertension: a potential long-term regulator of arterial pressure. *J Hypertens Suppl* **1996**; 14(5): S159-165.
- Messerli FH**, Schmieder RE, Weir MR. Salt. A perpetrator of hypertensive target organ disease? *Arch Intern Med* **1997**; 157: 2449-2452.
- Midgley JP**, Matthew AG, Greenwood CM, Logan AG. Effect of reduced dietary sodium on blood pressure: a meta-analysis of randomized controlled trials. *JAMA* **1996**; 275: 1590-1597.
- Morimoto A**, Uzu T, Fujii T, Nishimura M, Kuroda S, Nakamura S, Inenaga T, Kimura G. Sodium sensitivity and cardiovascular events in patients with essential hypertension. *Lancet* **1997**; 350: 1734-1737.
- 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 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.
- North KE**, MacCluer JW, Devereux RB, Howard BV, Welty TK, Best LG, Lee ET, Fabsitz RR, Roman MJ. Heritability of carotid artery structure and function: the Strong Heart Family Study. *Arterioscler Thromb Vasc Biol* **2002**; 22(10): 1698-703.

- O'Keefe JH**, Lurk JT, Kahatapitiya RC, Haskin JA. The Renin-Angiotensin-Aldosterone System as a target in coronary disease. *Current Atherosclerosis Reports* **2003**; 5: 124-130.
- Okamoto K**, Aoki K. Development of a strain of spontaneously hypertensive rats. *Jpn Circ J* **1963**; 27: 282-293.
- Okamoto K**, Yamori Y, Nagaoka A. Establishment of the stroke-prone spontaneously hypertensive rat (SHR). *Circ. Res* **1974**; 34-35 (suppl. I): I43-I53.
- Palmieri V**, de Simone G, Roman MJ, Schwartz JE, Pickering TG, Devereux RB. Ambulatory blood pressure and metabolic abnormalities in hypertensive subjects with inappropriately high left ventricular mass. *Hypertension* **1999**; 34: 1032-1040.
- Perazella MA**, Setaro JF. Renin-Angiotensin-Aldosterone System: Fundamental aspects and clinical implications in renal and cardiovascular disorders. *J Nucl Cardiol* **2003**; 10: 184-196.
- Perry IJ**. Dietary salt intake and cerebrovascular damage. *Nutr Metab Cardiovasc Dis* **2000**; 10: 229-235.
- Pickering GW**. The nature of essential hypertension. *Lancet* **1959**; 2: 1027-1028.
- Platt R**. Heredity in hypertension. *Q J Med* **1947**; 16: 111-133.
- Post WS**, Larson MG, Myers RH, Galderisi M, Levy D. Heritability of left ventricular mass: the Framingham Heart Study. *Hypertension* **1997**; 30: 1025-1028.
- Poyan Mehr A**, Siegel A-K, Kossmehl P, Schulz A, Plehm R, de Brujin JA, de Heer E, Kreutz R. Early onset albuminuria in Dahl rats is a polygenetic trait that is independent from salt loading. *Physiol Genomics* **2003**; 14: 209-216.
- Pravenec M**, Gauguier D, Schott JJ, Buard J, Kren V, Bila V, Szpirer C, Szpirer J, Wang JM, Huang H. Mapping of quantitative trait loci for blood pressure and cardiac mass in the rat by genome scanning of recombinant inbred strains. *J Clin Invest* **1995**; 96: 1973-1978.
- Pruit KD**, Maglott DR. RefSeq and LocusLink: NCBI gene-centered resources. *Nucleic Acids Res* **2001**; 29: 137-140.
- Qin W**, Rudolph AE, Bond BR, Rocha R, Blomme EA, Goellner JJ, Funder JW, McMahon EG. Transgenic model of aldosterone-driven cardiac hypertrophy and heart failure. *Circ Res* **2003**; 93(1): 69-76.
- Rapp JP**, Dene H. Development and characteristics of inbred strains of Dahl salt-sensitive and salt-resistant rats. *Hypertension* **1985**; 7: 340-349.
- Rapp JP**. The genetics of hypertension in Dahl rats. In: Ganten D and de Jong W, ed. *Handbook of Hypertension* **1994**; Elsevier Science B. V.; Vol 16: 186-200.
- Rapp JP**. Genetic analysis of inherited hypertension in the rat. *Physiol Rev* **2000**; 80: 135-172.
- Rettig R**, Schmitt B. Experimental hypertension following kidney transplantation in the rat. In: Ganten D and de Jong W, ed. *Handbook of Hypertension* **1994**; Elsevier Science B. V.; Vol 16: 141-157.
- Rothermund L**, Luckert S, Kossmehl P, Paul M, Kreutz R. Renal endothelin ET(A)/ET(B) receptor imbalance differentiates salt-sensitive from salt-resistant spontaneous hypertension. *Hypertension* **2001**; 37: 275-280.

- Rutherford PA.** Genetic influences in human hypertension. *Journal of Hypertension* **2003**; 21: 19-22.
- Safar ME,** Thuilliez C, Richard V, Benetos A. Pressure-independent contribution of sodium to large artery structure and function in hypertension. *Cardiovasc Res* **2000**; 46: 269-276.
- Schlager G,** Weibust RS. Genetic control of blood pressure in mice. *Genetics* **1968**; 55: 497-508.
- Schmieder RE,** Messerli FH, Garavaglia GE, Nunez BD. Dietary salt intake. A determinant of cardiac involvement in essential hypertension. *Circulation* **1988**; 78: 951-956.
- Schmieder RE,** Langenfeld MR, Friedrich A, Schobel HP, Gatzka CD, Weihprecht H. Angiotensin II related to sodium excretion modulates left ventricular structure in human essential hypertension. *Circulation* **1996**; 94: 1304-1309.
- Schmieder RE,** Messerli FH. Hypertension and the heart. *J Hum Hypertens* **2000**; 14: 597-604.
- 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.
- Sebkhii A,** Zhao L, Lu L, Haley CS, Nunez DJ, Wilkins MR. Genetic determination of cardiac mass in normotensive rats: results from an F344xWKY cross. *Hypertension* **1999**; 33: 949-953.
- Sharma JN,** Uma K, Noor AR, Rahman AR. Blood pressure regulation by the kallikrein-kinin system. *Gen Pharmacol* **1996**; 27(1):55-63.
- Sharma JN,** Uma K, Yusof AP. Left ventricular hypertrophy and its relation to the cardiac kinin-forming system in hypertensive and diabetic rats. *Int J Cardiol* **1998**; 63(3): 229-235.
- 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.
- Snell GD.** Methods for the study of histocompatibility genes. *J Genet* **1948**; 49: 87-108.
- Stallings RL,** Ford AF, Nelson D, Torney DC, Hildebrand CE, Moyzis RK. Evolution and distribution of (GT)_n repetitive sequences in mammalian genomes. *Genomics* **1991**; 10: 807-815.
- Swedberg K,** Eneroth P, Kjekshus J, Wilhelmsen L. Hormones regulating cardiovascular function in patients with severe congestive heart failure and their relation to mortality. CONSENSUS Trial Study Group. *Circulation* **1990** 82(5): 1730-1736.
- Swynghedauw B.** Molecular mechanisms of myocardial remodeling. *Physiol Rev* **1999**; 79: 215-262.
- Tanase H,** Yamori Y, Hansen CT, Lovenberg W. Heart size in inbred strains of rats, part 1: genetic determination of the development of cardiovascular enlargement in rats. *Hypertension* **1982**; 4: 864-872.
- Tobian L,** Hanlon S. High sodium chloride diets injure arteries and raise mortality without changing blood pressure. *Hypertension* **1990**; 15: 900-903.

- Tobian L.** Salt and hypertension. Lessons from animal models that relate to human hypertension. *Hypertension* **1991**; 17: 52-58.
- van Rossum CT**, van de Mheen H, Witteman JCM, Hofman A, Mackenbach JP, Grobbee DE. Prevalence, treatment, and control of hypertension by sociodemographic factors among the Dutch elderly. *Hypertension* **2000**; 35:814-821.
- Verhaaren HA**, Schieken RM, Mosteller M, Hewitt JK, Eaves LJ, Nance WE. Bivariate genetic analysis of left ventricular mass and weight in pubertal twins (the Medical College of Virginia twin study). *Am J Cardiol* **1991**; 68: 661-668.
- Vincent M**, Hadour G, Orea V, Samani NJ, Sassard J. Left ventricular weight but not blood pressure is associated with sex chromosomes in Lyon rats. *J Hypertens* **1996**; 14: 293-299.
- Volpe M**, Rubattu S. Pathophysiological aspects in the different models of genetic hypertension. In: Ganten D and de Jong W, ed. *Handbook of Hypertension* **1994**; Elsevier Science B. V.; Vol 16: 366-367.
- Wakeland E**, Morel L, Achey K, Yui M, Longmate J. Speed congenics: a classic technique in the fast lane (relatively speaking). *Immunol Today* **1997**; 18: 472-477.
- Walder RY**, Morgan DA, Haynes WG, Sigmund RD, McClain AM, Stokes JB, Mark AL. Genetic characterization of the "new" Harlan Sprague Dawley Dahl salt-sensitive rats. *Hypertension* **1996**; 27: 546-551.
- Ward R.** Familial aggregation and genetic epidemiology of blood pressure. In: Laragh JH, Brenner BM, eds. *Hypertension: Pathophysiology, Diagnosis and Management*. New York: Raven; **1995**: 67-88.
- Weinberger MH**, Miller JZ, Luft FC, Grim CE, Fineberg NS. Definitions and characteristics of sodium sensitivity and blood pressure resistance. *Hypertension* **1986**; 8:II127-II134.
- Weinberger MH**, Fineberg NS. Sodium and volume sensitivity of blood pressure. Age and pressure change over time. *Hypertension* **1991**; 18:67-71.
- Weinberger MH.** Salt sensitivity of blood pressure in humans. *Hypertension* **1996**; 27(3): 481-490.
- Weinberger MH**, Fineberg NS, Fineberg SE, Weinberger M. Salt sensitivity, pulse pressure, and death in normal and hypertensive humans. *Hypertension* **2001**; 37: 429-432.
- Weir MR**, Dworkin LD. Antihypertensive drugs, dietary salt, and renal protection: how low should you go and with which therapy? *Am J Kidney Dis* **1998**; 32: 1-22.
- Wolf G.** Angiotensin II as a mediator of tubulointerstitial injury. *Nephrol Dial Transplant* **2000**; 15: 61-63.
- Zucchelli P**, Zuccala A, Borghi M, Fusaroli M, Sasdelli M, Stallone C, Sanna G, Gaggi R. Long-term comparison between captopril and nifedipine in the progression of renal insufficiency. *Kidney Int* **1992**; 42(2): 452-458.