

## Referenzenliste

1. Francis, G. S. und Tang, W. H.; Pathophysiology of congestive heart failure; Rev.Cardiovasc.Med., (4 Suppl 2), S14-S20; 2003
2. Kitzman, D. W., Little, W. C., Brubaker, P. H., Anderson, R. T., Hundley, W. G., Marburger, C. T., Brosnihan, B., Morgan, T. M., und Stewart, K. P.; Pathophysiological characterization of isolated diastolic heart failure in comparison to systolic heart failure; JAMA, (288), 17, 2144-2150; 2002
3. Heyen, J. R., Blasi, E. R., Nikula, K., Rocha, R., Daust, H. A., Friedich, G., Van Vleet, J. F., De Ciechi, P., McMahon, E. G., und Rudolph, A. E.; Structural, functional, and molecular characterization of the SHHF model of heart failure; Am.J.Physiol Heart Circ.Physiol, (283), 5, H1775-H1784; 2002
4. Shah, M., Ali, V., Lamba, S., und Abraham, W. T.; Pathophysiology and clinical spectrum of acute congestive heart failure; Rev.Cardiovasc.Med., (2 Suppl 2), S2-S6; 2001
5. Forssmann, W. G., Richter, R., und Meyer, M.; The endocrine heart and natriuretic peptides: histochemistry, cell biology, and functional aspects of the renal urodilatin system; Histochem.Cell Biol., (110), 4, 335-357; 1998
6. Schweitz, H., Vigne, P., Moinier, D., Frelin, C., und Lazdunski, M.; A new member of the natriuretic peptide family is present in the venom of the green mamba (Dendroaspis angusticeps); Journal of Biological Chemistry, (267), 20, 13928-13932; 1992
7. Suzuki, T., Yamazaki, T., und Yazaki, Y.; The role of the natriuretic peptides in the cardiovascular system; Cardiovascular Research, (51), 3, 489-494; 2001
8. Inagami, T., Misono, K. S., Fukumi, H., Maki, M., Tanaka, I., Takayanagi, R., Imada, T., Grammer, R. T., Naruse, M., Naruse, K., und .; Structure and physiological actions of rat atrial natriuretic factor; Hypertension, (10), 5 Pt 2, I113-I117; 1987
9. Silberbach, M. und Roberts, C. T., Jr.; Natriuretic peptide signalling: molecular and cellular pathways to growth regulation; Cell Signal., (13), 4, 221-231; 2001

10. Sudoh, T., Maekawa, K., Kojima, M., Minamino, N., Kangawa, K., und Matsuo, H.; Cloning and sequence analysis of cDNA encoding a precursor for human brain natriuretic peptide; *Biochemical And Biophysical Research Communications*, (159), 3, 1427-1434; 1989
11. Yan, W., Wu, F., Morser, J., und Wu, Q.; Corin, a transmembrane cardiac serine protease, acts as a pro-atrial natriuretic peptide-converting enzyme; *Proc.Natl.Acad.Sci.U.S.A.*, (97), 15, 8525-8529; 2000
12. Charloux, A., Piquard, F., Doutreleau, S., Brandenberger, G., und Geny, B.; Mechanisms of renal hyporesponsiveness to ANP in heart failure; *Eur.J.Clin.Invest.*, (33), 9, 769-778; 2003
13. Han, B. und Hasin, Y.; Cardiovascular effects of natriuretic peptides and their interrelation with endothelin-1; *Cardiovasc.Drugs Ther.*, (17), 1, 41-52; 2003
14. John, S. W., Krege, J. H., Oliver, P. M., Hagaman, J. R., Hodgin, J. B., Pang, S. C., Flynn, T. G., und Smithies, O.; Genetic decreases in atrial natriuretic peptide and salt-sensitive hypertension; *Science*, (267), 5198, 679-681; 1995
15. Appel, R. G.; Growth-regulatory properties of atrial natriuretic factor; *Am.J.Physiol.*, (262), 6 Pt 2, F911-F918; 1992
16. Cao, L. und Gardner, D. G.; Natriuretic peptides inhibit DNA synthesis in cardiac fibroblasts; *Hypertension*, (25), 2, 227-234; 1995
17. Sugimoto, T., Kikkawa, R., Haneda, M., und Shigeta, Y.; Atrial natriuretic peptide inhibits endothelin-1-induced activation of mitogen-activated protein kinase in cultured rat mesangial cells; *Biochemical And Biophysical Research Communications*, (195), 1, 72-78; 1993
18. Hutchinson, H. G., Trindade, P. T., Cunanan, D. B., Wu, C. F., und Pratt, R. E.; Mechanisms of natriuretic-peptide-induced growth inhibition of vascular smooth muscle cells; *Cardiovascular Research*, (35), 1, 158-167; 1997

19. Silberbach, M., Gorenc, T., Hershberger, R. E., Stork, P. J., Steyger, P. S., und Roberts, C. T., Jr.; Extracellular signal-regulated protein kinase activation is required for the anti-hypertrophic effect of atrial natriuretic factor in neonatal rat ventricular myocytes; *Journal of Biological Chemistry*, (274), 35, 24858-24864; 1999
20. Tamura, N., Ogawa, Y., Chusho, H., Nakamura, K., Nakao, K., Suda, M., Kasahara, M., Hashimoto, R., Katsuura, G., Mukoyama, M., Itoh, H., Saito, Y., Tanaka, I., Otani, H., und Katsuki, M.; Cardiac fibrosis in mice lacking brain natriuretic peptide; *Proc.Natl.Acad.Sci.U.S.A.*, (97), 8, 4239-4244; 2000
21. Tsuruda, T., Boerrigter, G., Huntley, B. K., Noser, J. A., Cataliotti, A., Costello-Boerrigter, L. C., Chen, H. H., und Burnett, J. C., Jr.; Brain natriuretic Peptide is produced in cardiac fibroblasts and induces matrix metalloproteinases; *Circulation Research*, (91), 12, 1127-1134; 2002
22. Maki, T., Horio, T., Yoshihara, F., Suga, S.-i., Takeo, S., Matsuo, H., und Kangawa, K.; Effect of neutral endopeptidase inhibitor on endogenous atrial natriuretic peptide as a paracrine factor in cultured cardiac fibroblasts; *British Journal of Pharmacology*, (131), 1204-1210; 2000
23. Olson, L. J., Lowe, D. G., und Drewett, J. G.; Novel natriuretic peptide receptor/guanylyl cyclase A-selective agonist inhibits angiotensin II- and forskolin-evoked aldosterone synthesis in a human zona glomerulosa cell line; *Mol.Pharmacol.*, (50), 2, 430-435; 1996
24. Olson, L. J., Ho, B. Y., Cashdollar, L. W., und Drewett, J. G.; Functionally active catalytic domain is essential for guanylyl cyclase-linked receptor mediated inhibition of human aldosterone synthesis; *Mol.Pharmacol.*, (54), 5, 761-769; 1998
25. Schultz, H. D., Steele, M. K., und Gardner, D. G.; Central administration of atrial peptide decreases sympathetic outflow in rats; *Am.J.Physiol*, (258), 5 Pt 2, R1250-R1256; 1990
26. Currie, M. G., Geller, D. M., Cole, B. R., Boylan, J. G., YuSheng, W., Holmberg, S. W., und Needleman, P.; Bioactive cardiac substances: potent vasorelaxant activity in mammalian atria; *Science*, (221), 4605, 71-73; 1983

27. Langenickel, T., Pagel, I., Höhnel, K., Dietz, R., und Willenbrock, R.; Differential regulation of cardiac ANP and BNP mRNA in different stages of experimental heart failure; *American Journal of Physiology*, (278), H1500-H1506; 2000
28. Larsen, T. H. und Saetersdal, T.; Regional appearance of atrial natriuretic peptide in the ventricles of infarcted rat hearts; *Virchows Arch.B Cell Pathol.Incl.Mol.Pathol.*, (64), 5, 309-314; 1993
29. Burnett, J. C., Jr., Kao, P. C., Hu, D. C., Heser, D. W., Heublein, D., Granger, J. P., Opgenorth, T. J., und Reeder, G. S.; Atrial natriuretic peptide elevation in congestive heart failure in the human; *Science*, (231), 4742, 1145-1147; 1986
30. Lee, R. W., Gay, R. G., Moffett, C., Johnson, D. G., und Goldman, St.; Atrial natriuretic peptide levels during development of chronic heart failure after myocardial infarction in rats; *Life Sciences*, (40), 2025-2030; 1987
31. Saper, C. B., Standaert, D. G., Currie, M. G., Schwartz, D., Geller, D. M., und Needleman, P.; Atriopeptin-immunoreactive neurons in the brain: presence in cardiovascular regulatory areas; *Science*, (227), 4690, 1047-1049; 1985
32. Yamada, Y., Goto, J., und Yokota, M.; Brain natriuretic peptide is a sensitive indicator of impaired left-ventricular function in elderly patients with cardiovascular disease; *Cardiology*, (88), 5, 401-407; 1997
33. Hama, N., Itoh, H., Shirakami, G., Nakagawa, O., Suga, S., Ogawa, Y., Masuda, I., Nakanishi, K., Yoshimasa, T., Hashimoto, Y., Yamaguchi, M., Hori, R., Yasue, H., und Nakao, K.; Rapid ventricular induction of brain natriuretic peptide gene expression in experimental acute myocardial infarction; *Circulation*, (92), 1558-1564; 1995
34. Cowie, M. R. und Mendez, G. F.; BNP and congestive heart failure; *Prog.Cardiovasc.Dis.*, (44), 4, 293-321; 2002
35. Hanford, D. S. und Glembotski, C. C.; Stabilization of the B-type natriuretic peptide mRNA in cardiac myocytes by alpha-adrenergic receptor activation: potential roles for

protein kinase C and mitogen-activated protein kinase; Mol.Endocrinol., (10), 12, 1719-1727; 1996

36. Suzuki, E., Hirata, Y., Kohmoto, O., Sugimoto, T., Hayakawa, H., Matsuoka, H., Sugimoto, T., Kojima, M., Kangawa, K., Minamino, N., und .; Cellular mechanisms for synthesis and secretion of atrial natriuretic peptide and brain natriuretic peptide in cultured rat atrial cells; Circulation Research, (71), 5, 1039-1048; 1992
37. Sudoh, T., Minamino, N., Kangawa, K., und Matsuo, H.; C-type natriuretic peptide (CNP): a new member of natriuretic peptide family identified in porcine brain; Biochemical And Biophysical Research Communications, (168), 2, 863-870; 1990
38. Komatsu, Y., Itoh, H., Suga, S., Ogawa, Y., Hama, N., Kishimoto, I., Nakagawa, O., Igaki, T., Doi, K., Yoshimasa, T., und Nakao, K.; Regulation of endothelial production of C-type natriuretic peptide in coculture with vascular smooth muscle cells. Role of the vascular natriuretic peptide system in vascular growth inhibition; Circulation Research, (78), 4, 606-614; 1996
39. Naruko, T., Ueda, M., van der Wal, A. C., van der Loos, C. M., Itoh, H., Nakao, K., und Becker, A. E.; C-type natriuretic peptide in human coronary atherosclerotic lesions; Circulation, (94), 12, 3103-3108; 1996
40. Han, B., Fixler, R., Beeri, R., Wang, Y., Bachrach, U., und Hasin, Y.; The opposing effects of endothelin-1 and C-type natriuretic peptide on apoptosis of neonatal rat cardiac myocytes; European Journal of Pharmacology, (474), 1, 15-20; 2003
41. Koller, K. J., Lowe, D. G., Bennett, G. L., Minamino, N., Kangawa, K., Matsuo, H., und Goeddel, D. V.; Selective Activation of the B Natriuretic Peptide Receptor by C-Type Natriuretic Peptide (CNP).; Science, (252), 120-123; 1991
42. Chen, H. H., Lainchbury, J. G., und Burnett, J. C., Jr.; Natriuretic peptide receptors and neutral endopeptidase in mediating the renal actions of a new therapeutic synthetic natriuretic peptide dendroaspis natriuretic peptide; Journal of the American College of Cardiology, (40), 6, 1186-1191; 2002

43. Lisy, O., Jougasaki, M., Heublein, D. M., Schirger, J. A., Chen, H. H., Wennberg, P. W., und Burnett, J. C.; Renal actions of synthetic dendroaspis natriuretic peptide; *Kidney International*, (56), 502-508; 1999
44. Schirger, J. A., Heublein, D. M., Chen, H. H., Lisy, O., Jougasaki, M., Wennberg, P. W., und Burnett, J. C., Jr.; Presence of Dendroaspis natriuretic peptide-like immunoreactivity in human plasma and its increase during human heart failure; *Mayo Clin.Proc.*, (74), 2, 126-130; 1999
45. Kenny, A. J. und Stephenson, S. L.; Role of endopeptidase-24.11 in the inactivation of atrial natriuretic peptide; *Federation of European Biochemical Societies Letters*, (232), 1-8; 1988
46. Rademaker, M. T., Charles, C. J., Kosoglou, T., Protter, A. A., Espiner, E. A., Nicholls, M. G., und Richards, A. M.; Clearance receptors and endopeptidase: equal role in natriuretic peptide metabolism in heart failure; *American Journal of Physiology*, (273), H2372-H2379; 1997
47. Sonnenberg, J. L., Sakane, Y., Jeng, A. Y., Koehn, J. A., Ansell, J. A., Wennogle, L. P., und Ghai, R. D.; Identification of protease 3.4.24.11 as the major atrial natriuretic factor degrading enzyme in the rat kidney; *Peptides*, (9), 173-180; 1988
48. Pandey, K. N.; Kinetic analysis of internalization, recycling and redistribution of atrial natriuretic factor-receptor complex in cultured vascular smooth-muscle cells. Ligand-dependent receptor down-regulation; *Biochem.J.*, (288 ( Pt 1)), 55-61; 1992
49. Brown, L. A., Rutherford, R. A., Nunez, D. J., Wharton, J., Lowe, D. G., und Wilkins, M. R.; Downregulation of natriuretic peptide C-receptor protein in the hypertrophied ventricle of the aortovenocaval fistula rat; *Cardiovascular Research*, (36), 3, 363-371; 1997
50. Kishimoto, I., Nakao, K., Suga, S., Hosoda, K., Yoshimasa, T., Itoh, H., und Imura, H.; Downregulation of C-receptor by natriuretic peptides via ANP-B receptor in vascular smooth muscle cells; *Am.J.Physiol*, (265), 4 Pt 2, H1373-H1379; 1993

51. Smith, M. W., Espiner, E. A., Yandle, T. G., Charles, C. J., und Richards, A. M.; Delayed metabolism of human brain natriuretic peptide reflects resistance to neutral endopeptidase; *Journal of Endocrinology*, (167), 2, 239-246; 2000
52. Kashiwagi, M., Katafuchi, T., Kato, A., Inuyama, H., Ito, T., Hagiwara, H., Takei, Y., und Hirose, S.; Cloning and properties of a novel natriuretic peptide receptor, NPR-D; *European Journal of Biochemistry*, (233), 102-109; 1995
53. Kishimoto, I., Dubois, S. K., und Garbers, D. L.; The heart communicates with the kidney exclusively through the guanylyl cyclase-A receptor: acute handling of sodium and water in response to volume expansion; *Proc.Natl.Acad.Sci.U.S.A*, (93), 12, 6215-6219; 1996
54. Hempel, A., Noll, T., Bach, C., Piper, H. M., Willenbrock, R., Hohnel, K., Haller, H., und Luft, F. C.; Atrial natriuretic peptide clearance receptor participates in modulating endothelial permeability; *Am.J.Physiol*, (275), 5 Pt 2, H1818-H1825; 1998
55. Chinkers, M. und Wilson, E. M.; Ligand-independent oligomerization of natriuretic peptide receptors; *Journal of Biological Chemistry*, (267), 18589-18597; 1992
56. Airhart, N., Yang, Y. F., Roberts, C. T., Jr., und Silberbach, M.; Atrial natriuretic peptide induces natriuretic peptide receptor-cGMP-dependent protein kinase interaction; *Journal of Biological Chemistry*, (278), 40, 38693-38698; 2003
57. Murthy, K. S. und Makhlof, G. M.; Identification of the G protein-activating domain of the natriuretic peptide clearance receptor (NPR-C); *Journal of Biological Chemistry*, (274), 25, 17587-17592; 1999
58. Ouimet, T., Facchinetti, P., Rose, C., Bonhomme, M. C., Gros, C., und Schwartz, J. C.; Neprilysin II: A putative novel metalloprotease and its isoforms in CNS and testis; *Biochemical And Biophysical Research Communications*, (271), 3, 565-570; 2000
59. Raharjo, S. B., Emoto, N., Ikeda, K., Sato, R., Yokoyama, M., und Matsuo, M.; Alternative splicing regulates the endoplasmic reticulum localization or secretion of soluble secreted endopeptidase; *Journal of Biological Chemistry*, (276), 27, 25612-25620; 2001

60. Turner, A. J. und Tanzawa, K.; Mammalian membrane metallopeptidases: NEP, ECE, KELL, and PEX; FASEB Journal, (11), 5, 355-364; 1997
61. Devault, A., Sales, V., Nault, C., Beaumont, A., Roques, B., Crine, P., und Boileau, G.; Exploration of the catalytic site of endopeptidase 24.11 by site-directed mutagenesis. Histidine residues 583 and 587 are essential for catalysis; Federation of European Biochemical Societies Letters, (231), 1, 54-58; 1988
62. Lorkowski, G., Zijderhand-Bleekemolen, J. E., Erdos, E. G., von Figura, K., und Hasilik, A.; Neutral endopeptidase-24.11 (enkephalinase). Biosynthesis and localization in human fibroblasts; Biochem.J., (248), 2, 345-350; 1987
63. Malfroy, B., Schofield, P. R., Kuang, W. J., Seeburg, P. H., Mason, A. J., und Henzel, W. J.; Molecular cloning and amino acid sequence of rat enkephalinase; Biochemical And Biophysical Research Communications, (144), 1, 59-66; 1987
64. D'Adamio, L., Shipp, M. A., Masteller, E. L., und Reinherz, E. L.; Organization of the gene encoding common acute lymphoblastic leukemia antigen (neutral endopeptidase 24.11): multiple minielexons and separate 5' untranslated regions; Proc.Natl.Acad.Sci.U.S.A, (86), 18, 7103-7107; 1989
65. Malfroy, B., Kuang, W. J., Seeburg, P. H., Mason, A. J., und Schofield, P. R.; Molecular cloning and amino acid sequence of human enkephalinase (neutral endopeptidase); Federation of European Biochemical Societies Letters, (229), 1, 206-210; 1988
66. Erdös, E. G. und Skidgel, R. A.; Neutral endopeptidase 24.11 (enkephalinase) and related regulators of peptide hormones; FASEB Journal, (3), 145-151; 1989
67. Ronco, P., Pollard, H., Galceran, M., Delauche, M., Schwartz, J. C., und Verroust, P.; Distribution of enkephalinase (membrane metalloendopeptidase, E.C. 3.4.24.11) in rat organs. Detection using a monoclonal antibody; Lab Invest, (58), 2, 210-217; 1988
68. Llorens-Cortes, C., Huang, H., Vicart, P., Gasc, J. M., Paulin, D., und Corvol, P.; Identification and characterization of neutral endopeptidase in endothelial cells from venous or arterial origins; Journal of Biological Chemistry, (267), 20, 14012-14018; 1992

69. Li, C., Booze, R. M., und Hersh, L. B.; Tissue-specific expression of rat neutral endopeptidase (neprilysin) mRNAs; *Journal of Biological Chemistry*, (270), 11, 5723-5728; 1995
70. Usmani, B. A., Shen, R., Janeczko, M., Papandreou, C. N., Lee, W. H., Nelson, W. G., Nelson, J. B., und Nanus, D. M.; Methylation of the neutral endopeptidase gene promoter in human prostate cancers; *Clin.Cancer Res.*, (6), 5, 1664-1670; 2000
71. Lilius, L., Forsell, C., Axelman, K., Winblad, B., Graff, C., und Tjernberg, L.; No association between polymorphisms in the neprilysin promoter region and Swedish Alzheimer's disease patients; *Neurosci.Lett.*, (337), 2, 111-113; 2003
72. Kokkonen, J. O., Kuoppala, A., Saarinen, J., Lindstedt, K. A., und Kovanen, P. T.; Kallidin- and bradykinin-degrading pathways in human heart; *Circulation*, (99), 1984-1990; 1999
73. Abassi, Z. A., Golomb, E., Bridenbaugh, R., und Keiser, H. R.; Metabolism of endothelin-1 and big endothelin-1 by recombinant neutral endopeptidase EC.3.4.24.11; *British Journal of Pharmacology*, (109), 4, 1024-1028; 1993
74. Oliveri, C., Ocaranza, M. P., Campos, X., Lavandero, S., und Jalil, J. E.; Angiotensin I-converting enzyme modulates neutral endopeptidase activity in the rat; *Hypertension*, (38), 3 Pt 2, 650-654; 2001
75. Ardaillou, R., Stefanovic, V., Dussaule, J. C., und Ardaillou, N.; [Ectoenzymes of peptidic metabolism in renal glomerular and vascular cells]; *C.R.Seances Soc.Biol.Fil.*, (186), 6, 626-634; 1992
76. Erdos, E. G., Wagner, B., Harbury, C. B., Painter, R. G., Skidgel, R. A., und Fa, X. G.; Down-regulation and inactivation of neutral endopeptidase 24.11 (enkephalinase) in human neutrophils; *Journal of Biological Chemistry*, (264), 24, 14519-14523; 1989
77. Werb, Z. und Clark, E. J.; Phorbol diesters regulate expression of the membrane neutral metalloendopeptidase (EC 3.4.24.11) in rabbit synovial fibroblasts and mammary epithelial cells; *Journal of Biological Chemistry*, (264), 16, 9111-9113; 1989

78. Graf, K., Koehne, P., Gräfe, M., Zhang, M., Auch-Schwelk, W., und Fleck, E.; Regulation and differential expression of neutral endopeptidase 24.11 in human endothelial cells; *Hypertension*, (26), 230-235; 1995
79. Graf, K., Kunkel, K., Zhang, M., Grafe, M., Schultz, K., Schudt, C., Biroc, S., Fleck, E., und Kunkel, G.; Activation of adenylate cyclase and phosphodiesterase inhibition enhance neutral endopeptidase activity in human endothelial cells; *Peptides*, (16), 7, 1273-1278; 1995
80. Graf, K., Schaper, C., Grafe, M., Fleck, E., und Kunkel, G.; Glucocorticoids and protein kinase C regulate neutral endopeptidase 24.11 in human vascular smooth muscle cells; *Basic Res.Cardiol.*, (93), 1, 11-17; 1998
81. Albrightson, C. R., Pullen, M., Wu, H. L., Dytko, G., Hersh, L. B., und Nambi, P.; Thrombin-mediated down-regulation of endothelin receptors in mesangial cells coincides with the down-regulation of neutral endopeptidase activity; *Mol.Pharmacol.*, (47), 6, 1156-1163; 1995
82. Knecht, M., Pagel, I., Langenickel, T., Philipp, S., Scheuermann-Freestone, M., Willnow, T., Bruemmer, D., Graf, K., Dietz, R., und Willenbrock, R.; Increased expression of renal neutral endopeptidase in severe heart failure; *Life Sciences*, (71), 23, 2701-2712; 2002
83. Vishwanatha, J. K., Davis, R. G., Blumberg, S., Gao, X., und Rubinstein, I.; Increased tissue neutral endopeptidase 24.11 activity in spontaneously hypertensive hamsters; *American Journal of Hypertension*, (11), 585-590; 1998
84. Fielitz, J., Dendorfer, A., Pregla, R., Ehler, E., Zurbrügg, H. R., Bartunek, J., Hetzer, R., und Regitz-Zagrosek, V.; Neutral endopeptidase is activated in cardiomyocytes in human aortic valve stenosis and heart failure; *Circulation*, (105), 286-289; 2002
85. Walther, T., Siems, W. E., Hauke, D., Spillmann, F., Dendorfer, A., Krause, W., Schultheiss, H. P., und Tschope, C.; AT1 receptor blockade increases cardiac bradykinin via neutral endopeptidase after induction of myocardial infarction in rats; *FASEB Journal*, (16), 10, 1237-1241; 2002

86. Cody, R. J., Atlas, S. A., und Laragh, J. H.; Renal responses to atrial natriuretic factor in patients with congestive heart failure; *Eur.Heart J.*, (9 Suppl H), 29-33; 1988
87. Hasenfuss, G.; Animal models of human cardiovascular disease, heart failure and hypertrophy; *Cardiovascular Research*, (39), 60-76; 1998
88. Fishbein, M. C., Maclean, D., und Maroko, P. R.; Experimental myocardial infarction in the rat: qualitative and quantitative changes during pathologic evolution; *Am.J.Pathol.*, (90), 1, 57-70; 1978
89. Imamura, M., Schluchter, M., und Fouad-Tarazi, F. M.; Remodelling of left ventricular after banding of ascending aorta in the rat; *Cardiovascular Research*, (24), 8, 641-646; 1990
90. Garcia, R. und Diebold, S.; Simple, rapid, and effective method of producing aortocaval shunts in the rat; *Cardiovascular Research*, (24), 5, 430-432; 1990
91. Bradford, M. M.; A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding; *Analytical Biochemistry*, (72), 248-254; 1976
92. Florentin, D., Sassi, A., und Roques, B. P.; A Highly Sensitive Fluorometric Assay for "Enkephalinase", a Neutral Metalloendopeptidase That Releases Tyrosine-Glycine-Glycine from Enkephalins; *Methods in Enzymology*, (62-69); 1983
93. Bustin, S. A.; Quantification of mRNA using real-time reverse transcription PCR (RT-PCR): trends and problems; *J.Mol.Endocrinol.*, (29), 1, 23-39; 2002
94. Garcia, R., Thibault, G., Gutkowska, J., Horky, K., Hamet, P., Cantin, M., und Genest, J.; Chronic infusion of low doses of atrial natriuretic factor (ANF Arg 101-Tyr 126) reduces blood pressure in conscious SHR without apparent changes in sodium excretion; *Proceedings of the Society for Experimental Biology and Medicine*, (179), 396-401; 1985
95. Gutkowska, J., Bonan, R., Roy, D., Bourassa, M., Garcia, R., Thibault, G., Genest, J., und Cantin, M.; Atrial natriuretic factor in human plasma; *Biochemical And Biophysical Research Communications*, (139), 1, 287-295; 1986

96. Willenbrock, R., Scheuermann, M., Höhnel, K., Luft, F. C., und Dietz, R.; Acute and chronic neutral endopeptidase inhibition in rats with aortocaval shunt; *Hypertension*, (27), 1259-1266; 1996
97. Tsutamoto, T., Kanamori, T., Morigami, N., Sugimoto, Y., Yamaoka, O., und Kinoshita, M.; Possibility of downregulation of atrial natriuretic peptide receptor coupled to guanylate cyclase in peripheral vascular beds of patients with chronic severe heart failure; *Circulation*, (87), 1, 70-75; 1993
98. Lee, J., Kim, S., Oh, Y., Ryu, S. Y., und Kim, S. W.; Upregulation of vascular renin-angiotensin and endothelin systems in rats inhibited of nitric oxide synthesis; *Pharmacol.Res.*, (46), 5, 383-387; 2002
99. Campbell, D. J., Krum, H., und Esler, M. D.; Losartan increases bradykinin levels in hypertensive humans; *Circulation*, (111), 3, 315-320; 2005
100. Jongun, Lee; Reciprocal regulation of angiotensin converting enzyme and neutral endopeptidase in rats with experimental hypertension; *Physiol Res.*, (53), 4, 365-368; 2004
101. Potter, L. R. und Garbers, D. L.; Dephosphorylation of the Guanylyl Cyclase-A Receptor Causes Desensitization.; *Journal of Biological Chemistry*, (267), 14531-14534; 1992
102. Nambi, P., Pullen, M., Wu, H. L., Prabhakar, U., Hersh, L., und Gellai, M.; Down regulation of kidney neutral endopeptidase mRNA, protein and activity during acute renal failure: possible mechanism for ischemia-induced acute renal failure in rats?; *Mol.Cell Biochem.*, (197), 1-2, 53-59; 1999
103. Jiang, W., Cai, D. Y., Pan, C. S., Qi, Y. F., Jiang, H. F., Geng, B., und Tang, C. S.; Changes in production and metabolism of brain natriuretic peptide in rats with myocardial necrosis; *European Journal of Pharmacology*, (507), 1-3, 153-162; 2005
104. Ishimaru, F., Mari, B., und Shipp, M. A.; The type 2 CD10/neutral endopeptidase 24.11 promoter: functional characterization and tissue-specific regulation by CBF/NF-Y isoforms; *Blood*, (89), 11, 4136-4145; 1997

105. Li, C. und Hersh, L. B.; Characterization of the promoter region of the rat neprilysin gene; Arch.Biochem.Biophys., (358), 1, 189-195; 1998
106. Yoshida, K., Yasujima, M., Casley, D. J., und Johnston, C. I.; Effect of chronic neutral endopeptidase inhibition on cardiac hypertrophy after experimental myocardial infarction; Jpn.Circ.J., (62), 9, 680-686; 1998
107. Nakano, A., Miura, T., Miki, T., Nozawa, Y., Ichikawa, Y., Ura, N., und Shimamoto, K.; Effects of neutral endopeptidase 24.11 inhibition on myocardial infarct size and ischemic preconditioning in rabbits; Naunyn-Schmiedebergs Archives of Pharmacology, (366), 4, 335-342; 2002
108. Abassi, Z. A., Yahia, A., Zeid, S., Karram, T., Golomb, E., Winaver, J., und Hoffman, A.; Cardiac and renal effects of omapatrilat, a vasopeptidase inhibitor, in rats with experimental congestive heart failure; Am.J.Physiol Heart Circ.Physiol, (288), 2, H722-H728; 2005
109. Nakano, A., Cohen, M. V., und Downey, J. M.; Ischemic preconditioning: from basic mechanisms to clinical applications; Pharmacol.Ther., (86), 3, 263-275; 2000
110. Piedimonte, G., Nadel, J. A., Long, C. S., und Hoffman, J. I.; Neutral endopeptidase in the heart. Neutral endopeptidase inhibition prevents isoproterenol-induced myocardial hypoperfusion in rats by reducing bradykinin degradation;
111. Langenickel, T. H., Pagel, I., Buttgereit, J., Tenner, K., Lindner, M., Dietz, R., Willenbrock, R., und Bader, M.; Rat corin gene: molecular cloning and reduced expression in experimental heart failure; Am.J.Physiol Heart Circ.Physiol, (287), 4, H1516-H1521; 2004
112. Tschope, C., Heringer-Walther, S., und Walther, T.; Regulation of the kinin receptors after induction of myocardial infarction: a mini-review; Braz.J.Med.Biol.Res., (33), 6, 701-708; 2000
113. Raizada, V., Luo, W., Skipper, B. J., und McGuire, P. G.; Intracardiac expression of neutral endopeptidase; Mol.Cell Biochem., (232), 1-2, 129-131; 2002

114. Backlund, T., Palojoki, E., Saraste, A., Gronholm, T., Eriksson, A., Lakkisto, P., Vuolteenaho, O., Nieminen, M. S., Voipio-Pulkki, L. M., Laine, M., und Tikkanen, I.; Effect of vasopeptidase inhibitor omapatrilat on cardiomyocyte apoptosis and ventricular remodeling in rat myocardial infarction; *Cardiovascular Research*, (57), 3, 727-737; 2003
115. Mulder, P., Barbier, S., Monteil, C., Jeng, A. Y., Henry, J. P., Renet, S., und Thuillez, C.; Sustained improvement of cardiac function and prevention of cardiac remodeling after long-term dual ECE-NEP inhibition in rats with congestive heart failure; *Journal of Cardiovascular Pharmacology*, (43), 4, 489-494; 2004
116. Potter, L. R. und Hunter, T.; Activation of protein kinase C stimulates the dephosphorylation of natriuretic peptide receptor-B at a single serine residue; *Journal of Biological Chemistry*, (275), 31099-31106; 2000
117. Dorn, G. W.; Adrenergic pathways and left ventricular remodeling; *J.Card Fail.*, (8), 6 Suppl, S370-S373; 2002
118. Yang, X.-P., Liu, Y.-H., Peterson, E., und Carretero, O. A.; Effect of neutral endopeptidase 24.11 inhibition on myocardial ischemia/reperfusion injury: The role of kinins; *Journal of Cardiovascular Pharmacology*, (29), 250-256; 1997