

7 Literaturverzeichnis

- ALMY, F.S., CHRISTOPHER, M.M., KING, D.P. und S.A. BROWN (2002): Evaluation of cystatin C as an endogenous marker of glomerular filtration rate in dogs. *J. Vet. Intern. Med.* **16**: 45-51.
- ALTHAUSEN, T.L. (1939): A test for intestinal absorption. *Am. J. Dig. Dis.* **6**: 544-549.
- BAGOTT, J.D. (2001): Pharmacokinetic terms: symbols and units. *J. vet. Pharmacol. Therap.* **24**: 81-82.
- BARCLAY, J.A. (1949): The excretion of creatinine in the dog. *J. Physiol.* **108**: 33.
- BARNETT, J.E.G., RALPH, A. und K.A. MUNDAY (1970): Structural requirements of active intestinal transport. The nature of the carrier-sugar bonding at C-2 and the ring oxygen of the sugar. *Biochem. J.* **118**: 843-850.
- BARSOZZI, G., BEVILACQUA, G., MORELLE, E., CAPPELLI, P., BALESTRI, P.U. und S.GIOVANNETTI (1975): Toxicity arising from guanidine compounds: role of methyl-guanidine as a uremic toxin. *Kidney Int. Suppl.* **7**: 299-301.
- BARTHEZ, P.Y., CHEW, D.J. und S.P. DIBARTOLA (2001): Simplified methods for estimation of ^{99m}Tc- pentetate and ¹³¹I- orthiodohippurate plasma clearance in dogs and cats. *J. Vet. Int. Medicine* Vol. 15, **3**: 200-208.
- BERNDT, H., GERTRICH, J. und J. HILLER (1961): Über die Kohlenhydratresorption nach Magenoperation: Untersuchung mit D- Xylose. *Acta Biol. Med. Germ.* **7**: 287-291.
- BIEWENGA, W.J. (1986): Proteinuria in the dog: a clinicopathological study in 51 proteinuric dogs. *Res. Vet. Sci.* **41**: 257-264.
- BIEWENGA, W.J., GRUYS, E. und H.J. HENDRIKS (1982): Urinary protein loss in the dog: nephrological study of 29 dogs without signs of renal disease. *Res. Vet. Sci.* **33**: 366-374.
- BIRCH (1973): Giftige Zuckerarten in der Nahrung. *Ärztliche Praxis* **25**: 242-243.
- BLOOM, F. (1954): Pathology of the dog and cat. The genitourinary system, with clinical considerations. *Am. Vet. Publ. Inc.*, Evanston, Illinois: 173.
- BOESKEN, W.H. und B. OSER (1991): Neuere Aspekte der Proteinurie aus klinischer Sicht. Vortrag Berliner Elektrophoresetage. 10.- 12. September 1991.
- BOUVÉE, K.C. und T. JOYCE (1979): Clinical evaluation of glomerular function: 24-hour creatinine clearance in dogs. *J. Amer. Vet. Med. Ass.* **5**: 488-491.
- BRØCHNER-MORTENSEN, J., und P. RÖDBRO (1976): Selection of routine method for determination of glomerular filtration rate in adult patients. *Scand. J. Clin. Lab. Invest.* **36**: 35-43.

- BROM, VAN DEN W.E. und W.J. BIEWENGA (1981): Assessment of glomerular filtration rate in normal dogs. Analysis of the ⁵¹Cr-EDTA clearance and its relation to several endogenous parameters of glomerular filtration. *Res. Vet. Sci.* **30**: 152-157.
- BROWN, S.A., FINCO, D.R., BOUDINOT, D.F., WRIGHT, J., TARVER, S.L. und T. COOPER (1996): Evaluation of a single injection method, using iohexol, for estimating glomerular filtration rate in cats and dogs. *Am. J. Vet. Res.* **1**: 105-110.
- CENTER, S.A., SMITH, C.A., WILKINSON, E. und H.N. ERB (1987): Clinicopathologic, renal immunofluorescent and light microscopic features of glomerulonephritis in the dog: 41 cases (1975-1985). *J. Amer. Vet. Med. Ass.* **190**: 81-90.
- COCKROFT, D.W. und M.H. GAULT (1976): Prediction of creatinine clearance from serum creatinine. *Nephron* **16**: 31-41.
- CRANE, R.K. (1968): Absorption of sugars. In: Handbook of physiology. Sect. 6, Vol. III, Chapt. 69, Oxford University Press, Washington.
- DAMBACH, D.M., SMITH, C.A., LEWIS, R.M. und T.J. VAN WINKLE (1997): Morphologic, immunohistochemical and ultrastructural characterization of a distinctive renal lesion in dogs putatively associated with *Borrelia burgdorferi* infection: 49 cases (1987-1992). *Vet. Pathol.* **34**: 85-96.
- DANCKERT, D. (1998): Lebenserwartung und Krankheitsinzidenzen beim alten Hund. Diss., Tierärztliche Fakultät der Ludwig-Maximilians-Universität München.
- DAVIES, D.F. und N.W. SHOCK (1950): Age changes in glomerular filtration rate, effective plasma renal flow, and tubular excretory capacity in adult males. *J. Clin. Invest.* **29**: 496-497.
- DEMETRAKOPOULOS, G.E. und H. AMOS (1978): Xylose and xylitol. Metabolism, physiology and nutritional value. *World Rev. Nutr. Diet.* **32**: 96-122.
- DE SCHEPPER, J., DE COCK, I. und E. CAPIAU (1989): Urinary γ -glutamyl transferase and the degree of renal dysfunction in 75 bitches with pyometra. *Res. Vet. Sci.* **46**: 396-400.
- DIBARTOLA, S.P., SPAULDING, G.L., CHEW, D.J. und R.M. LEWIS (1980): Urinary protein excretion and immunopathologic findings in dogs with glomerular disease. *J. Amer. Vet. Med. Ass.* **177**: 73-77.
- DIBARTOLA, S.P., TARR, M.J., PARKER, A.T. und J.D. POWERS (1989): Clinicopathologic findings in dogs with renal amyloidosis: 59 cases (1976-1986). *J. Amer. Vet. Med. Ass.* **195**: 358-364.
- DUKES, H.H. (1955): The physiology of domestic animals. 7. Auflage, Comstock Publishing Associates, Ithaca, N.Y.
- EIGLER, J. und P. DEETJEN (2001): Kapitel Niere und ableitende Harnwege. In: SIEGENTHALER, W. (Hrsg.): Klinische Pathophysiologie. 8. Auflage, Thieme Verlag Stuttgart, New York.

- EWALD, B.H. (1967): Renal function tests in normal beagle dogs. *Am. J. Vet. Res.* **28**: 741-749.
- FINCO, D.R. (1971): Simultaneous determination of phenolphthalein excretion and endogenous creatinine clearance in the normal dog. *J. Amer. Vet. Med. Ass.* **159**: 336-340.
- FINCO, D.R. (1997): Kidney function. In: *Clinical Biochemistry of Domestic Animals*. Academic Press, New York: 441-484.
- FINCO, D.R., BROWN, S.A., CROWELL, W.A. und J.A. BARSANTI (1991): Exogenous creatinine clearance as a measure of glomerular filtration rate in dogs with reduced renal mass. *Am. J. Vet. Res.* **52**: 1029-1032.
- FINCO, D.R., BROWN, S.A., VADEN, S.L. und D.C. FERGUSON (1995): Relationship between plasma creatinine concentration and glomerular filtration rate in dogs. *J. Vet. Pharmacol. Therap.* **18**: 418-421.
- FINCO, D.R., COULTER, D.B. und J.A. BARSANTI (1981): Simple, accurate method for clinical estimation of glomerular filtration rate in the dog. *Am. J. Vet. Res.* **42**: 1874-1877.
- FINCO, D.R., COULTER, D.B. und J.A. BARSANTI (1982): Procedure for a simple method of measuring glomerular filtration rate in the dog. *J. of the Am. Animal Hospital Association* **18**: 804-806.
- FINLAY, J.M., HOGARTH, J. und K.J.R. WIGHTMAN (1964): A clinical evaluation of the D-Xylose tolerance test. *Ann. Intern. Med.* **61**: 411-422.
- FINNAH, A. (2003): Validierung und Anpassung eines Modells der exogenen Creatinin-Clearance für die Katze zur Anwendung in der Kleintierpraxis. Diss., FB Veterinärmedizin, FU Berlin.
- FORDTRAN, J.S., SOERGEL, K.H. und F.J. INGELFINGER (1962): Intestinal absorption of D-Xylose in man. *New. Engl. J. Med.* **267**: 274-279.
- FOWLER, D. und W.T. COOKE (1960): Diagnostic significance of D-Xylose excretions test. *Gut* **1**: 67-71.
- GOLDSTEIN, F. (1974): Bacterial populations of the gut in health and disease: Clinical aspects. In: BROCKUS, H.L. (Hrsg.): *Gastroenterology*. W.B. Saunders, Philadelphia: 152-169.
- GOLIKORSKY, M.S., NOIRI, E., ROMANOV, V., GAILIT, J. und H. BRADY (1997): Adhesion molecules in nephrotoxic injury. In: GOLSTEIN, R.S.: *Comprehensive Toxicology*. 7. Auflage, Pergamon Press, Elsevier Science Inc., New York: 329-352.
- GOSSETT, K.A., TURNWALD, G.H., KEARNEY, M.T., GRECO, D.S. und B. CLEGHORN (1987): Evaluation of γ -glutamyl transpeptidase-to-creatinine ratio from spot samples of urine supernatant, as an indicator of urinary enzyme excretion in dogs. *Am. J. Vet. Res.* **48**: 455-457.

- GRAUER, G.F. (2002): Proteinurie beim Hund. Aus *IRIS Insight*, Hrsg. Novartis Animal Health, Inc.
- GRAY, G.M. (1975): Carbohydrate digestion and absorption. Role of the small intestine. *New Engl. J. Med.* **292**: 1225-1230.
- GREGER, R. (1992): Kapitel Niere. In: DEETJEN, P. und SPECKMANN, W. (Hrsg.): Physiologie. Urban und Schwarzenberg Verlag: 345-382.
- GRÜNBAUM (2000): Diagnostik von Nierenerkrankungen bei Hund und Katze. Vortrag Arbeitstagung Ost der FK-DVG in Cottbus, 01.- 02.04.2000.
- GUIMBAL, C. und M.W. KILIMANN (1993): A Na⁺- dependent creatine transporter in rabbit brain, muscle, heart and kidney. CDNA cloning and functional expression. *J. Biol. Chem.* **268**: 8418-8421.
- HALLER M. (2002): Beurteilung der Nierenfunktion bei Katzen und Hunden. *Waltham Focus* **12**: 10-14.
- HARTMANN, H. (1994): Funktionsstörungen der Nieren und ableitenden Harnwege. In: HARTMANN, H. und H. MEYER (Hrsg.): Klinische Pathologie der Haustiere. Verlag Gustav Fischer Jena/ Stuttgart: 412-432.
- HEIENE, R. und L. MOE (1998): Pharmacokinetic aspects of measurement of glomerular filtration rate in the dog: A Review. *J. Vet. Intern. Med.* **12**: 401-414.
- HEIENE, R., MOE, L. und G. MOLMEN (2001): Calculation of urinary enzyme excretion, with renal structure and function in dogs with pyometra. *Res. Vet. Sc.* **70**: 129-137.
- HEINZEL, G., WOLOSZCZAK, R. und P. THOMANN: TopFit, Version 2.0., Pharmacokinetic and pharmacodynamic data analysis system for the PC. Gustav Fischer Verlag, Jena-Stuttgart.
- HENRICH, W.L. und R.J. ANDERSON (1978): Drug use in renal failure. *Post. Grad. Med.* **64 (5)**: 153-163.
- HEWICKER-TRAUTWEIN, M. und G. TRAUTWEIN (2000): Pathogenese und Pathomorphologie der Niereninsuffizienz des Hundes. *Tierärztl. Praxis* **28 (K)**: 357-368.
- HEYMAN, M., DUMONTIER, A.M. und J.F. DESJEUX (1978): Sodium dependent Xylose transport in rabbit ileum. *Digestion* **17**: 453-454.
- HIERHOLZER, K. und M. FROMM (1987): Wasser- und Elektrolythaushalt; Physiologie der Niere. In: WITTKKE, G. (Hrsg.): Lehrbuch der Veterinär- Physiologie. 7.Auflage, Verlag Paul Parey.
- HILL, F.W.G., KIDDER, D.E. und J.FREW (1970): A Xylose absorptions test for the dog. *Vet. Rec.* **87**: 250-255.
- HÖCHEL, J. (2001): Determination of GFR by Means of Exogenous Creatinine Clearance. Pers. Mitteilung.

- HOLT, J.P. und E.A. RHODE (1976): Similarity of renal glomerular hemodynamics in mammals. *Amer. Heart J.* **92**: 465.
- HOUCK, R.C. (1948): Statistical analysis of filtration rate and effective renal plasma flow related to weight and surface area in dogs. *Am. J. Physiol.* **153**: 169-175.
- HOVORKA R., POWRIE J.K. und J.D. SMITH (1993): Five-compartment model of insulin kinetics and its use to investigate action of chloroquine in NIDDM. *Am. J. Physiol.* **265**: 162-175.
- IZZAT, N.N. und J.P. ROSBOROUGH (1989): Renal function in conscious dogs: potential effect of gender on measurement. *Res. Exp. Med.* **189**: 371-379.
- JERGENS, A.E. (1994): Glomerulonephritis in dogs and cats. Comp. Collection, Comp. Cont. Educ. *Small Animal Pract.* **9**: 102-107.
- JONES, J.D. und P.C. BURNETT (1975): Creatinine metabolism and toxicity. *Kidney Int. Suppl.* **7**: 294-298.
- JUNG, K. und M. JUNG (1995): Cystatin C: A promising marker of glomerular filtration rate to replace creatinine. *Nephron* **70**: 370-371.
- JUNG, K., KIRSCHNER, P., WILLE, A. und G. BRIEN (1993): Excretion of urinary enzymes after extracorporeal shock wave lithotripsy: a critical reevaluation. *J. Urol.* **149**: 1409-1413.
- JUNG, K., SCHULZE, B.-D. und K. SYDOW (1987): Diagnostic significance of different urinary enzymes in patients suffering from chronic renal diseases. *Clinica Chimica Acta* **168**: 287-295.
- KEEVIL, B.G., KILPATRICK, E.S. und S.P. NICHOLS (1998): Biological variation of cystatin C: Implications for the assessment of glomerular filtration rate. *Clin. Chem.* **44**: 1535-1539.
- KENDALL, M.J. (1970): The influence of age on the Xylose absorption test. *Gut* **11**: 498-501.
- KRAFT, W. und U.M. DÜRR (Hrsg.) (1999): Klinische Labordiagnostik in der Tiermedizin. 5. Auflage, Schattauer Verlag, Stuttgart, New York.
- KRAWIEC, D.R., BADERTSCHER, R.R., TWARDOCK, A.R., RUBIN, S.I. und H.B. GELBERG (1986): Evaluation of ^{99m}Tc- diethylenetriaminepentaacetic acid nuclear imaging for quantitative determination of the glomerular filtration rate of dogs. *Am. J. Vet. Res.* **47**: 2175-2179.
- KRAWIEC, D.R., TWARDOCK, A.R., BADERTSCHER, R.R., DANIEL, G.B. und S.J. DUGAN (1988): Use of ^{99m}Tc diethylenetriaminepentaacetic acid for assesment of renal function in dogs with suspected renal disease. *J. Amer. Vet. Med. Ass.* **192**: 1077-1080.

- KREKEL, H.(1963): Über den Wert der Inulin-, exogenen Kreatinin- und endogenen Kreatinin- Clearance zur Bestimmung des Glomerulumfiltrates beim Hund. Diss., Veterinärmed. Fakultät Gießen
- KUNIN, C.M., CHESNEY, R.W., CRAIG, W.A., ENGLAND, A.E. und C. DEANGELIS (1978): Enzymuria as a marker of renal injury and disease: Studies of N-acetyl-glucosaminidase in the general population and in patients with renal disease. *Pediatrics* **62**: 751-760.
- LABATO, M.A. und LA. ROSS (1991): Plasma disappearance of creatinine as a renal function test in the dog. *Res. Vet. Sci.* **50**: 253-258.
- LADD, M., LIDDLE, L. und J.A. GAGNON (1956): Renal excretion of inulin, creatinine and ferrocyanide at normal and reduced clearance levels in the dog. *Am. J. Physiol.* **184**: 505-514.
- LASSEN, U.V. und T.Z. CZAKY (1966): Active transport of D-Xylose in the isolated small intestine of the bullfrog. *J. Gen. Physiol.* **49**: 1029-1041.
- LAUE, R. und F. DIETZE (1976): Biophysikalische und klinische Aspekte der D-Xyloseresorption. *Abh. Mod. Medizin*, Bd. 8: Enterale Resorption, Johann Ambrosius Barth, Leipzig.
- LEE, K.E., BEHRENDT, U., KACZMARCZYK, G., MOHNAUPT, R. und H.W. REINHARDT (1983): Estimation of glomerular filtration rate in conscious dogs following a bolus of creatinine. *Pflügers Arch.* **396**: 176-178.
- LEOPOLD-TEMMLER, B. und I. NOLTE (1993): Diagnose transienter renaler Störungen mit der SDS-Urinelektrophorese am Beispiel der Endometritis-Pyometra-Erkrankung der Hündin. *Mh. Vet.- Med.* **10**: 531-536.
- LICK, R.F., WELCH, H., HART, W. und W. BRÜCKNER (1966): Der Xylose-Resorptionstest bei Magenoperierten. *Fortschr. Med.* **84**: 677-682.
- LOOS, M. (1954): Studies of the utilisation of pentoses in diabetes. *Acta Med. Scand.* **148**: 425-431.
- MAYSER, W., SCHLOSSER, P. und H. BEETZ (1992): Primary structure and functional expression of a choline transporter expressed in the rat nervous system. *FEBS Lett* **305**: 31-36.
- MITCHELL, R.J. (1973): Improved method for specific determination of creatinine in serum and urine. *Clin. Chem.* **19**: 408-410.
- MOE L. und R. HEIENE (1995): Estimation of glomerular filtration rate in dogs with ^{99m}Tc- DTPA and iohexol. *Res. Vet. Sci.* **58**: 138-143.
- MÜLLER-PEDDINGHAUS, R. und G. TRAUTWEIN (1977): Harnanalyse mittels SDS-Polyacrylamidgelelektrophorese beim Hund. *Zbl. Vet. Med. A* **24**: 731-755.

- MÜLLER-PEDDINGHAUS, R. und G. TRAUTWEIN (1978): Differenzierung von Proteinurien mittels SDS-Polyacrylamidgelelektrophorese. *Fortschr. Veterinärmed.* **28**: 292-301.
- MUTHER, R.S. und W.M. BENNETT (1981): Drug metabolism in renal failure. In: BRENNER B. UND J. STEIN (Hrsg.): Contemporary issues in nephrology VII: Chronic Renal Failure. New York, Churchill: 287-323.
- NASH, A.S. (1989): Familiar renal disease in dogs. *J. Small Anim. Pract.* **30**: 178-183.
- NEWMANN, D.J., THAKKAR, H. und R.G. EDWARDS (1995): Serum cystatin C measured by automated immunoassay: A more sensitive marker changes in GFR than serum creatinine. *Kidney Int.* **47**: 312-318.
- NOLTE, I. (2002): Behandlung der chronischen Niereninsuffizienz. Vortrag anlässlich der DVG- Jahrestagung, FG Kleintierkrankheiten, Magdeburg, 2002.
- O'CONNEL, J.M., ROMEO, J.A. und G.H. MUDGE (1962): Renal tubular secretion of creatinine in the dog. *Am. J. Physiol.* **203**: 985-990.
- OSBORNE, C.A., LOW, D.G. und D.R. FINCO (1972): Canine and Feline Urology. Saunders, Philadelphia: 62-84.
- OSBORNE, C.A. und D.R. FINCO (1995): Canine and Feline Nephrology and Urology. Williams & Wilkens, Baltimore.
- OSBORNE, C.A., FINCO, D.R. und D.G. LOW (1983): Pathophysiology of renal disease, renal failure and uremia. In: ETTINGER, S.J. (Hrsg.): Textbook of Veterinary Internal Medicine. 2. Auflage, W.B. Saunders, Philadelphia, 1733-1792
- OWENS, ALBUQUERQUE und TOMLINSON (1979): In vitro metabolism of creatinine, methylamine and amino acids by intestinal contents of normal and uraemic subjects. *Gut* **20**: 568-574.
- PECHEREAU, D. und R. HEIENE (1995): Urinary alkaline phosphatase, γ -glutamyl-transferase and N-acetyl- β -glucosaminidase in healthy and diseased dogs. In: HEIENE, R. (Hrsg.): Thesis for the degree of Doctor scientiarum of the Norwegian College of Veterinary Medicine, Oslo, Norwegen, 87-104.
- PICUT, C.A. und R.M. LEWIS (1987): Comparative pathology of canine hereditary nephropathies: an interpretive review. *Vet. Res. Commun.* **11**: 561-581.
- PIPERNO, E. (1981): Detection of drug induced nephrotoxicity with urinalysis and enzymuria assessment. In: HOOK, J.B. (Hrsg.): Toxicology of the Kidney. Raven Press, New York, 31-55.
- PITTS, R. F. (1972): Physiologie der Niere und der Körperflüssigkeiten. Schattauer Verlag, Stuttgart, New York.

- POLI, A., ABRAMO, F., MANCIANTI, F. und M. NIGRO (1991): Renal involvement in canine leishmaniasis. A light-microscopic, immunohistochemical and electron-microscopic study. *Nephron* **57**: 444-452.
- PONZ, F. und J. LARRALDE (1950): Absorption of carbohydrates depending on pH of intestine. *Rev. esp. Fisiol.* **6**: 255-269.
- PRICE, R.G. (1982): Urinary enzymes, nephrotoxicity and renal disease. *Toxicology* **23**: 99-134.
- RANDERS, E., KRISTENSEN, J.H. und E.J. ERLANDSEN (1998): Serum cystatin C as a marker of the renal function. *Scand. J. Clin. Lab. Invest.* **58**: 585-592.
- REDER, S. und H. HARTMANN (1994): Diagnostische und pathophysiologische Aspekte der Nierenfunktionsbestimmung bei Tieren. Review- Artikel. *J. Vet. Med. A.* **41**: 253-267.
- SAPIRSTEIN, L.A., VIDT, D.G., MANDEL, M.J. und G. HANUSEK (1955): Volumes of Distribution and Clearances of Intravenously Injected Creatinine in the Dog. *Am. J. Physiol.* **181**: 330-336.
- SCHLOERB, P.R. (1960): Total body water distribution of creatinine and urea in nephrectomized dogs. *Am. J. Physiol.* **4**: 661-665.
- SCHULTZE, A.E. und R.K. JENSEN (1989): Sodium Dodecyl Sulfate Polyacrylamide Gel Electrophoresis of canine urinary proteins for the analysis and differentiation of tubular and glomerular diseases. *Vet. Clin. Path.* **18**: 93-97.
- SEGAL, S. und J. FOLEY (1959): The metabolic fate of ¹⁴C labeled pentoses in man. *J. Clin. Invest.* **38**: 407-413.
- SELDIN, D.W. und G. GIEBISCH (1985): In: *The Kidney: Physiology and Pathophysiology*. Vol. 1 und 2, Raven Press, New York.
- SHANNON, J.A. (1938): The tubular reabsorption of xylose in the normal dog. *Am. J. Physiol.* **122**: 775-781.
- SILBERNAGL, S. (2001): Funktion der Nieren. In: *Lehrbuch der Physiologie*, 3. überarbeitete Auflage, Thieme Verlag Stuttgart und New York: 287-360.
- SLYKE VAN, D.D., HILLER, A. und B.D. MILLER (1935): The distribution of ferrocyanide, inulin, creatinine and urea in the blood and its effect on the significance of their extraction percentages. *Amer. J. Physiol.* **113**: 629.
- SMITH, H.W., FINKELSTEIN, N. und W.W. SMITH (1940): Renal excretion of hexitols (sorbitol, mannitol and dulcitol) and their derivatives (sorbitan, isomannid and sorbide) and of endogenous creatinine-like chromogen in dog and man. *J. Biol. chem.* **135**: 231.

- SORA, I., RICHMAN, J., SANTORO, G., WEI, H., WANG, Y., VANDERAH, T., HORVATH, R., NGUYEN, M., WAITE, S., ROESKE, W.R. und H.I. YAMAMURA (1994): The cloning and expression of a human creatine transporter. *Biochem. Biophys. Res. Commun.* **204**: 409-427.
- SPENCER, K. (1986): Analytical reviews in clinical biochemistry: The estimation of creatinine. *Ann. Clin. Biochem.* **23**: 1-25.
- STAHL, R.A.K. (2001): Niere und ableitende Harnwege. In: SIEGENTHALER, W. (Hrsg.): *Klinische Pathologie*. Thieme Verlag Stuttgart, 2002: 907-972.
- STERN, A. (1983): Drug metabolism in renal failure. *Comp. Contin. Educat. Pract. Vet.* **5**: 913.
- SWANSON, R.E. und A.A. HAKIN (1962): Stop flow of creatinine excretion in the dog. *Am. J. Physiol.* **203**: 980-984.
- TENSTAD, O., ROALD, A.B. und A. GRUBB (1996): Renal handling of radiolabelled human cystatin C in the rat. *Scand. J. Clin. Lab. Invest.* **56**: 409-414.
- THADHANI, R., PASCUAL, M. und J.V. BONVENTRE (1996): Acute renal failure. *New Engl. J. Med.* **334**: 1448-1460.
- UECHI, M., TERUI, H., NAKAYAMA, T., MISHINA, M., WAKAO, Y. und M. TAKAHASHI (1994): Circadian variation of urinary enzymes in the dog. *J. Vet. Med. Science* **56**: 849-854.
- VOLPERT, A., NOLTE, I. und I. KÄUFER-WEISS (1989): Vertikale Natrium-Dodecyl- Sulfat- Polyacrylamid- Gradientengel- Elektrophorese von Urinproteinen in der Diagnostik von Nierenerkrankungen beim Hund. *Tierärztl. Prax. Suppl.* **5**: 24-28.
- WALSER, M. (1998): Assessing renal function from creatinine measurements in adults with chronic renal failure. *Am. J. Kidney Dis.* **32**: 23-31.
- WATANABE, J., HIRATE, J., IWAMOTO, K. und S. OZEKI (1981): Distribution of creatinine following intravenous and oral administration to rats. *J. Pharm. Dyn.* **4**: 329-335.
- WATSON, A.D.J., LEFEBVRE, H.P., CONCORDET, D., LAROUTE, V., FERRÈ, J.-P., BRAUN, J.-P., CONCHOU, F. und P.-L. TOUTAIN (2002): Plasma Exogenous Creatinine Clearance Test in Dogs: Comparison with Other Methods and Proposed Limited Sampling Strategy. *J. Vet. Intern. Med.* **16**: 22-33.
- WETZELS, J.F.M., HUYSMANS, F.T.M. und R.A.P. KOENE (1988): Creatinine as a marker of glomerular filtration rate. *Neth. J. Med.* **33**: 144-153.
- WHITE, J., FINCO, D. und W. CROWELL (1991): Effect of dietary protein on functional, morphologic and histologic changes during compensatory renal growth in dogs. *Am. J. Vet. Res.* **52**: 1357-1365.

WYSS, M. und R. KADDURAH-DAOUK (2000): Creatine and Creatinine Metabolism. *Phys. Reviews* **3**: 1107-1213.

ZAGER, A.R. (1997): Pathogenic mechanisms in nephrotoxic acute renal failure. *Seminar in Nephrology* **17**: 3-14.