

## 8. Literaturverzeichnis

**ALBERTS, H., HALSEMA, W.B., BRUIJNE, J.J. DE, LUMEIJ, J.T. (1988):**

A water deprivation test for the differentiation of polyuric disorders in birds.

Avian Pathol. 17, 385-389.

**ALEJANDRO, V.S.J., STRAFUSS, A.C. (1984):**

Microscopic postmortem changes in kidneys of the domestic fowl.

Avian Dis. 28 (3), 586-607.

**ALLEN, J.L. (1988):**

An overview of avian serum chemical profiles.

In: Jacobson, E.R., Kollias, G.V. (eds): Exotic animals.

Edinburgh: Churchill Livingstone Verlag, 143-157.

**ALLEN, G.T., VEATCH, J.K., STROUD, R.K., VENDEL, C.G., POPPENG, R.H., THOMPSON, L., SHAFER, J.A., BRASELTON, W.E. (1996):**

Winter poisoning of coyotes and raptors with Furadan-laced carcass baits.

J. Wildl. Dis. 32, 385-389.

**ALSTINE, W.G. VAN, TRAMPEL, D.W. (1984):**

Polycystic kidneys in a pigeon.

Avian Dis. 28 (3), 758-764.

**ALVSAKER, J.O. (1966):**

Uric acid in human plasma. Isolation and identification of plasma proteins interacting with urate.

Scand. J. Clin. Lab. Invest. 18, 227.

**ARNELL, L., KEYMER, I.F. (1975):**

Bird diseases: An introduction to clinical diagnosis and treatment in birds other than poultry.

London: Baillière Tindall.

**AUSTIC, R.E., COLE, R.K. (1972):**

Impaired renal clearance of uric acid in chickens having hyperuricemia and articular gout.

Am. J. Physiol. 223 (3), 525-530.

**AUSTIC, R.E., COLE, R.K. (1974):**

Specificity of the renal transport impairment in chickens having hyperuricaemia and articular gout.

Proc. Soc. Exp. Biol. Med. 146, 931-935.

**BAKER, J.R. (1977):**

The results of post-mortem examination of 132 wild birds.

Br. Vet. J. 133, 327-333.

**BAKER, J.R. (1980):**

A survey of causes of mortality in budgerigars.

Vet. Rec. 106, 10-12.

**BALCOMB, R. (1983):**

Secondary poisoning of red-shouldered hawks with Carbofuran.

J. Wildl. Manag. 47, 1129-1132.

**BALNAVE, D., BERRY, M.N., CUMMING, R.B. (1977):**

Clinical signs of fatty liver and kidney syndrome in broilers and their alleviation by the short-term use of biotin or animal tallow.

Br. Poult. Sci. 18, 749-753.

**BANNISTER, D.W. (1979):**

Recent advances in avian biochemistry: The fatty liver and kidney syndrome.

Int. J. Biochem. 10, 193-199.

**BARKHOFF, M. (1987):**

Die Krankheiten des Uhus (*Bubo bubo*) und ihre Bedeutung für die Wiedereinbürgerung in der Bundesrepublik Deutschland.

Vet. Med. Diss. Gießen.

**BARTGES, J.W., OSBORNE, C.A. (1995):**

Canine and feline renal biopsy.

In: Osborne, C.A., Finco, D.R. (eds): Canine and feline nephrology and urology.

Baltimore: Williams & Wilkins, 277-302.

**BAUCK, L. (1984):**

Renal disease in the budgerigar - A review of cases seen at the Western College of Veterinary Medicine.

Proc. Ann. Conf. Ass. Avian Vet., Toronto, 1-8.

**BAUER, H.-G., BERTHOLD, P. (1996):**

Die Brutvögel Mitteleuropas: Bestand und Gefährdung.

Wiesbaden: Aula Verlag.

**BAUMANN, C.-R. (1980):**

Harnsäurebestimmungen im Blutplasma bei verschiedenen Vogelarten.

Vet. Med. Diss. München.

**BELL, D.J., FREEMAN, B.M. (1971):**

Physiology and biochemistry of the domestic fowl.

New York: Academic Press.

**BERGER, CH. (1966):**

Mikroskopische und histochemische Untersuchungen von *Columbia livia domestica*.

Z. mikr.-anat. Forsch. 74, 436-456.

**BEST, R. (1996):**

Breeding problems.

In: Beynon, P.H., Forbes, N.A., Harcourt-Brown, N.H. (eds): Manual of raptors, pigeons and waterfowl.

Gloucestershire: BSAVA, 208-215.

**BIRD, J.E., MILLER, K.W., LARSON, A.A., DUKE, G.E. (1983a):**

Pharmacokinetics of gentamicin in birds of prey.

Am. J. Vet. Res. 44 (7), 1245-1247.

**BIRD, J.E., WALSER, M.M., DUKE, G.E. (1983b):**

Toxicity of gentamicin in red-tailed hawks.

Am. J. Vet. Res. 44 (7), 1289-1293.

**BLAXLAND, J.D., BORLAND, E.D., SILLER, W.G., MARTINDALE, L. (1980):**

An investigation of urolithiasis in two flocks of laying fowls.

Avian Pathol. 9, 5-19.

**BLOOD, D.C., STUDDERT, V.P. (1988):**

Baillière's Comprehensive Veterinary Dictionary.

London: Baillière Tindall.

**BOETTCHER, M. (1981):**

Endoscopy in birds of prey in clinical veterinary practice.

In: Cooper, J.E., Greenwood, A.G. (eds): Recent advances in the study of raptor diseases.

Keighley, West Yorkshire: Chiron Publications Ltd., 101-104.

**BOYKIN, S.L.B., BRAUN, E.J. (1993):**

Entry of nephrons into the collecting duct network of the avian kidney: A comparison of chickens and desert quail.

J. Morphol. 216, 259-269.

**BRASSARD, A. (1965):**

Amyloidosis in captive anseriformes.

Can. J. Comp. Med. 29, 253-258.

**BRAUN, E.J. (1998):**

Comparative renal function in reptiles, birds, and mammals.

Semin. Avian Exot. Pet 7 (2), 62-71.

**BRAUN, E.J. (1999):**

Integration of renal and gastrointestinal function.

J. Exp. Zool. 283, 495-499.

**BRAUN, E.J., PACELLI, M.M. (1987):**

The nature of uric acid in avian urine.

Physiologist 30, 120.

**BRAUN, E.J., PACELLI, M.M. (1991):**

The packaging of uric acid in avian urine.

FASEB J5: A682.

**BROKL, O.H., BRAUN, E.J., DANTZLER, W.H. (1994):**

Transport of PAH, urate, TEA, and fluid by isolated perfused and nonperfused avian renal proximal tubules.

Am. J. Physiol. 266 (4), R1085-R1094.

**BRUE, R.N. (1994):**

Nutrition.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 61-95.

**BURTSCHER, H. (1965):**

Die virusbedingte Hepatosplenitis infectiosa strigorum - 1. Mitteilung: Morphologische Untersuchungen.

Pathol. Vet. 2, 227-255.

**BURTSCHER, H. (1966):**

Nieren-Kokzidiose bei Eulen.

Wien. Tierärztl. Monatsschr. 53, 654-666.

**BUSH, M. (1981):**

Diagnostic avian laparoscopy.

In: Cooper, J.E., Greenwood, A.G. (eds): Recent advances in the study of raptor diseases.

Keighley: Chiron Publications Ltd., 97-100.

**CADE, T.J., GREENWALD, L. (1966):**

Nasal salt secretion in falconiform birds.

Condor 68, 338-350.

**CALLINAN, R.B., KEFORD, B., BORLAND, R., GARRETT, R. (1979):**

An outbreak of disease in pigeons associated with a herpesvirus.

Aust. Vet. J. 55, 339-341.

**CAMPBELL, J.G. (1969):**

Tumors of the fowl.

London: Heineman, 153-162.

**CARRETERO, A., KÖNIG, H.E., LIEBIG, H.-G. (2001):** Harnorgane.

In: König, H.E., Liebich, H.-G. (Hrsg.): Anatomie und Propädeutik des Geflügels.

Stuttgart: Schattauer Verlagsgesellschaft, 119-123.

**CHIN, T.Y., QUEBBEMANN, A.J. (1978):**

Quantitation of renal uric acid synthesis in the chicken.

Am. J. Physiol. 234, F446-F451.

**CHOU, S.T. (1972):**

Relative importance of liver and kidney in synthesis of uric acid in chickens.

Can. J. Physiol. Pharmacol. 50, 936-939.

**CHRISTIANSEN, K.J., BERNARD, E.M., GOLD, J.W.M., ARMSTRONG, D. (1985):**

Distribution and activity of amphotericin B in humans.

J. Infect. Dis. 152, 1037-1043.

**CHRISTENSEN, J.A. MORILD, I., MIKELER, E., BOHLE, A. (1982):**

Juxtaglomerular apparatus in the domestic fowl (*Gallus domesticus*).

Kidney Int. 22, Suppl. 12, 24-29.

**CLARK, N.B., WIDEMAN, R.F. (1980):**

Calcitonin stimulation of urine flow and sodium excretion of in the starling.

Am. J. Physiol. 238, R406-R412.

**CLARK, N.B., WIDEMAN, R.F. (1989):**

Actions of parathyroid hormone and calcitonin in avian osmoregulation.

In: Hughes, M.R., Chadwick, A. (eds): Progress in avian osmoregulation.

Leeds: Leeds Philosophical and Literary Society.

**COLE, R.K., AUSTIC, R.E., SHANE, S.M. (1969):**

Hereditary uricemia and articular gout in chickens.

Poult. Sci. 50, 1796.

**COOPER, J.E. (1978):**

An adenocarcinoma in a buzzard (*Buteo buteo*).

Avian Pathol. 7, 29-34.

**COOPER, J.E., FORBES, N. (1983):**

A fatty liver kidney syndrome of merlins.

Vet. Rec. 112, 182-183.

**COOPER, J.E., FORBES, N. (1986):**

Studies on morbidity and mortality in the merlin (*Falco columbarius*).

Vet. Rec. 118, 232-235.

**COOPER, J.E., WILKENS, W., LAWRENCE, K. (1993):**

Four cases of neoplasia in birds of prey.

In: Redig, P.T., Cooper, J.E., Remple, J.D., Hunter, D.B. (eds): Raptor biomedicine.

Minneapolis: University of Minnesota Press, 32-33.

**COOPER, R., HOWARD, E.B. (1977):**

Inclusion body disease of psittacines.

Proc. 26<sup>th</sup> Western Poultry Disease Conference and 11<sup>th</sup> Poultry Health Symposium.

Davis, California, 24-29.

**CORNWELL, H.J.C., WEIR, A.R., FOLLETT, E.A.C. (1967):**

A herpesvirus infection of pigeons.

Vet. Rec. 81, 267-268.

**CORNWELL, H.J.C., WRIGHT, N.G. (1970):**

Herpesvirus infection of pigeons. I. Pathology and virus isolation.

J. Comp. Pathol. 80, 221-227.

**COWAN, D.F. (1968):**

Avian amyloidosis.

Pathol. Vet. 5, 51-58.

**CROWELL, W.A., DUNCAN, J.R., FINCO, D.R. (1974):**

Canine glomerula: light and electron microscopic change in biopsy, perfused, and in situ autolysed kidney from normal dogs.

Am. J. Vet. Res. 35, 889-896.

**CROWELL, W.A., LEININGER, J.R. (1976):**

Feline glomerula: morphologic comparisons in normal, autolytic, and diseased kidneys.

Am. J. Vet. Res. 37, 1075-1079.

**DANTZLER, W.H., BRAUN, E.J. (1980):**

Comparative nephron function in reptiles, birds, and mammals.

Am. J. Physiol. 8 (2), R197-R213.

**DISSELHORST, R. (1894):**

Der Harnleiter der Wirbeltiere. Anatomie und Entwicklung.

Anat. Hefte. 4, 130-191.

**DORRESTEIN, G.M. (1992):**

Viral infections in racing pigeons.

Proc. Ann. Conf. Ass. Avian Vet., New Orleans, 252-253.

**ECHOLS, S.M. (1999):**

Avian renal disease. Part I of II: Antemortem diagnosis.

Proc. Ann. Conf. Ass. Avian Vet., New Orleans, 93-98.

**ECKERT, R. (1993):**

Tierphysiologie.

Stuttgart, New York: Georg Thieme Verlag.

**EHRSAM, H., HAUSER, B., METZLER, A. (1978):**

Pachecos Papageienkrankheit - akuter Ausbruch in einem einheimischen Psittazidenbestand.

Schweiz. Arch. Tierheilkd. 120, 23-28.

**ELLING, F., HALD, B., JACOBSON, C., KROUGH, P. (1975):**

Spontaneous cases of toxic nephropathy in poultry associated with ochratoxin A.

Acta Pathol. Microbiol. Scand., Sect. A. 83, 739-741.



**ENBERGS, H., PERLEBACH, B. (1983):**

Nierentätigkeit.

In: Mehner, A., Hartfiel, W. (Hrsg.): Handbuch der Geflügelphysiologie - Teil 2.

Jena: Gustav Fischer Verlag, 862-895.

**ENDERS, F., KRAUTWALD-JUNGHANNS, M.-E., SCHULZ, M. (1994):**

Beitrag zur sonographischen Untersuchung des Vogelpatienten. Teil B. Sonographie von Urogenitaltrakt, Gastrointestinaltrakt und Herz.

Kleintierpraxis. 39, 157-174.

**ESTLER, C.-J. (1995):**

Pharmaka zur Behandlung und Verhütung von Infektionen.

In: Estler, C.-J. (Hrsg.): Pharmakologie und Toxikologie. 4. Aufl.

New York: Schattauer Verlagsgesellschaft, 525-602.

**FABIAN, L., VETESI, F. (1980):**

Analyse der Vogelverluste (1971-1978) im Zoo Budapest.

Int. Symp. Erkrank. Zootiere, Arnheim, 22, 215-221.

**FEDUCCIA, A. (1984):**

Es begann am Jura-Meer.

Hildesheim: Gerstenberg.

**FERNÁNDEZ-REPOLLET, E., ROWLEY, J., SCHWARTZ, A. (1982):**

Renal damage in gentamicin-treated lanner falcons.

J. Am. Vet. Med. Assoc. 181 (11), 1392-1394.

**FERRER, M., GARCÍA-RODRÍGES, T., CARRILLO, J.C., CASTROVIEJO, J. (1987):**

Hematocrit and blood chemistry values in captive raptors (*Gyps fulvus*, *Buteo buteo*, *Milvus migrans*, *Aquila heliaca*).

Comp. Biochem. Physiol. A. 87 (4), 1123-1127.

**FILIPPICH, L.J., BUCHER, A.M., CHARLES, B.G., SUTTON, R.H. (2001):**

Intravenous cisplatin administration in sulphur-crested cockatoos (*Cacatua galerita*): clinical and pathologic observations.

J. Avian Med. Surg. 15 (1), 23-30.

**FIORONI, P. (1987):** Exkretions- und Osmoregulationsorgane. In: Fioroni, P. (Hrsg.): Allgemeine und vergleichende Embryologie der Tiere. Berlin, Heidelberg, New York: Springer-Verlag, 281-285.

**FLAMMER, K. (1994):**

Antimicrobial therapy.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 435-456.

**FLAMMER, K., CLUBB, S.L. (1994):**

Neonatology.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 806-838.

**FORBES, N.A., COOPER, J.E. (1993):**

Fatty liver-kidney syndrome of merlins.

In: Redig, P.T., Cooper, J.E., Remple, J.D., Hunter, D.B. (eds): Raptor biomedicine.

Minneapolis: University of Minnesota Press, 45-48.

**FORBES, N.A., COOPER, J.E., HIGGINS, R.J. (2000):**

Neoplasms of birds of prey.

In: Lumeij, J.T., Remple, J.D., Redig, P.T., Lierz, M., Cooper, J.E. (eds): Raptor biomedicine III.

Lake Worth: Zoological Education Network, 127-145.

**FORRESTER, S.D., LEES, G.E. (1995):**

Renal manifestations of polysystemic disease.

In: Osborne, C.A., Finco, D.R. (eds): Canine and feline nephrology and urology.

Baltimore: Williams & Wilkins, 491-504.

**FOX, S.A., VERENYL, M.R., STRAUS, B. (1976):**

Tetracycline toxicity presenting as a multisystemic disease.

Mt. Sinai J. Med. 43, 129-135.

**FRAZIER, D.L., JONES, M.P., OROSZ, S.E. (1995a):**

Pharmacokinetic considerations of the renal system in birds: part I. Anatomic and physiologic principles of allometric scaling.

J. Avian Med. Surg. 9 (2), 92-103.

**FRAZIER, D.L., JONES, M.P., OROSZ, S.E. (1995b):**

Pharmacokinetic considerations of the renal system in birds: part II. Review of drugs excreted by renal pathways.

J. Avian Med. Surg. 9 (2), 104-121.

**GADOW (1890):**

In: Bronns „Klassen und Ordnungen des Tierreichs“ Bd. VI (Vögel) Abt. IV.

zit. nach: Hoke, W. (1947)

**GALVIN, C. (1980):**

Laboratory diagnostic aids in pet bird practice.

Proc. 47<sup>th</sup> Ann. Meet. Am. Anim. Hosp. Assoc., 41-52.

**GARCÍA-RODRÍGUEZ, T., FERRER, M., CARRILLO, J.C., CASTROVIEJO, J. (1987):**

Metabolic responses of *Buteo buteo* to long-term fasting and refeeding.

Comp. Biochem. Physiol. A 87 (2), 381-386.

**GERLACH, H. (1994):**

Viruses.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 862-948.

**GERLACH, H., ENDERS, F., CASARES, M., MÜLLER, H., JOHNE, R., HÄNICHEN, T. (1998):**

Membranous glomerulopathy as an indicator of avian polyomavirus infection in psittaciformes.

J. Avian Med. Surg. 12 (4), 248-254.

**GERLACH, H., THEODOROU, A., HILDEBRAND, R.-A. (1994):**

Histologische Untersuchung verschiedener Organe bei klinisch gesunden Amazonen.

Tierärztl. Prax. 22, 338-340.

**GIBBS, O.S. (1929):**

The function of the fowl's ureter.

Am. J. Physiol. 87, 545-601.

**Giertz, H., Flohé, L., Göthert, M., Peskar, B.A., Resch, K. (1996):**

Arzneimittelallergie.

In: Forth, W., Henschler, D., Rummel, W., Starke, K. (Hrsg.): Allgemeine und spezielle Pharmakologie und Toxikologie. 7. Aufl.

Heidelberg: Spektrum Akademischer Verlag, 350-359.

**GILDEMEISTER, E. (1948):**

Die Nephrose des Huhnes.

Vet. Med. Diss. Hannover.

**GLÜNDER, G., SIEGMANN, O., HEFFELS-REDMANN, U., FRIEDRICHS, M., HINZ, K.-H., HEIDMANN, W. (1986):**

Untersuchungsbefunde von in der Wildbahn verendeten Greifvögeln und Eulen.

5. DVG-Tagung über Vogelkrankheiten, München, 178-186.

**GOLDSTEIN, D.L., BRAUN, E.J. (1989):**

Structure and concentrating ability in the avian kidney.

Am. J. Physiol. 256, R501-R509.

**GOLDSTEIN, D.L., SKADHAUGE, E. (2000):**

Renal and extrarenal regulation of body fluid composition.

In: Whittow, G.C. (ed): Sturkie's Avian Physiology.

San Diego: Academic Press, 265-297.

**GOMIS, S., DIDIUK, A.B., NEUFELD, J., WOBESER, G. (1996):**

Renal coccidiosis and other parasitologic conditions in Lesser snow goose goslings at Thanne river, West Coast Hudson Bay.

J. Wildl. Dis. 32 (3), 498-504.

**GOREVIC, P.D., GREENWALD, M., FRANGIONE, B., PRAS, M., FRANKLIN, E.C. (1977):**

The amino acid sequence of duck amyloid A (AA) protein.

J. Immunol. 118, 1113-1118.

**GOUGH, R.E., COX, W.J., DRURY, S.E. (2001):**

Isolation and identification of rotaviruses from psittacine birds.  
Proc. 6<sup>th</sup> Conf. Europ. Comm. Assoc. Avian Vet., München, 229-233.

**GRAHAM, D.L., HALLIWELL, W.H. (1986):**

Viral diseases of birds of prey.  
In: Fowler, M.E. (ed): Zoo and wild animal medicine.  
Philadelphia: W.B. Saunders, 408-412.

**GRAHAM, D.L., MARE, C.J. (1975):**

Clinical and pathological aspects of inclusion body disease (Herpesvirus infection) of falcons (IBDF).  
Proc. 3<sup>rd</sup> Int. Wildl. Dis. Conf., München, 465-470.

**GRAHAM, D.L., MARE, C.J., PECKHAM, M.C. (1975):**

Inclusion body disease (herpesvirus infection) of falcons (IBDF).  
J. Wildl. Dis. 11, 83-91.

**GRAUER, G.P., TWEDT, D.C., MERO, K.N. (1983):**

Evaluation of laparoscopy for obtaining renal biopsy specimens from dogs and cats.  
J. Am. Vet. Med. Assoc. 183 (6), 677-679.

**GRAY, D.A. (1993):**

Plasma atrial natriuretic factor concentrations and renal actions in the domestic fowl.  
J. Comp. Physiol. B 163, 519-523.

**GRAY, D.A., SCHÜTZ, H., GERSTBERGER, R. (1991):**

Interaction of atrial natriuretic factor and osmoregulatory hormones in the Pekin duck.  
Gen. Comp. Endocrinol. 81, 246-255.

**GREGG, C.M., WIDEMAN, R.F. (1990):**

Morphological and functional comparisons of normal and hypertrophied kidneys of adult domestic fowl (*Gallus gallus*).  
Am. J. Physiol. 258 (2), F403-F413.

**GREVE, H. (1933):**

Untersuchungen über das Vorkommen von Fett in der Niere des Hausgeflügels, zugleich ein Beitrag zur Kenntnis des anatomisch-histologischen Baues der Vogelniere.

Vet. Med. Diss. Hannover.

**GRIEM, W. (1957):**

Ein Beitrag zu den postmortalen Veränderungen der Nieren des Huhnes.

Monatsh. Vetmed. 12, 125-127.

**GSCHWENDTNER-SALZBRUNN, E. (1988):**

Histologische Untersuchungen zur Aussagefähigkeit der Nierenbiopsie beim Hund.

Vet. Med. Diss. Hannover.

**GYLSTORFF, I., GRIMM, F. (1998):**

Vogelkrankheiten. 2. Aufl.

Stuttgart: Eugen Ulmer Verlag.

**HAFEZ, H.M., SCOPE, A. (1999):**

Probenentnahmen und Laboruntersuchungen.

In: Kaleta, E.F., Krautwald-Junghanns, M.-E. (Hrsg.): Kompendium der Ziervogelkrankheiten.

Hannover: Schlütersche Verlagsbuchhandlung, 72-79.

**HALLIWELL, W.H. (1971):**

Lesions of Marek's disease in a great horned owl.

Avian Dis. 15, 49-55.

**HALLIWELL, W.H., GRAHAM, D.L. (1986):**

Bacterial diseases of birds of prey.

In: Fowler, M.E. (ed): Zoo and wild animal medicine.

Philadelphia: W. B. Saunders Company, 413-419.

**HALSEMA, W.B., ALBERTS, H., DE BRUIJNE, J.J., LUMEIJ, J.T. (1988):**

Collection and analysis of urine from racing pigeons (*Columbia livia domestica*).

Avian Pathol. 17, 221-225.

**HARRISON, G.J., HARRISON, L.R. (1986):**

Nutritional diseases.

In: Harrison, G.J., Harrison, L.R. (eds): Clinical avian medicine and surgery.

Philadelphia: W.B. Saunders, 397-407.

**HASHOLT, J., PETRAK, M.L. (1982):**

Diseases of the urinary system.

In: Petrak, M.L. (ed): Diseases of cage and aviary birds. 2<sup>nd</sup> ed.

Philadelphia: Lea & Febiger, 449-457.

**HASSEL, G.C., THORNBURG, L.P., BERG, J.N. (1984):**

Gentamicin nephrotoxicity in red-tailed hawks.

J. Wildl. Rehabil. 2, 128-133.

**HEATH, B.C. (1970):**

Chemical pathology of nephrosis induced by an infectious bronchitis virus.

Avian Dis. 14, 95-106.

**HEIDENREICH, M. (1996):**

Greifvögel - Krankheiten, Haltung, Zucht.

Berlin, Wien: Blackwell Wissenschafts-Verlag.

**HELMAN, R.G., JENSEN, J.M., RUSSELL, R.G. (1984):**

Systemic protozoal disease in zebra finches.

J. Am. Vet. Med. Assoc. 11, 1400-1401.

**HERNANDEZ, M. (1991):**

Blood chemistry in raptors.

Proc. Conf. Europ. Comm. Assoc. Avian Vet., Vienna, 411-418.

**HERNANDEZ, M., MARTIN, S., FORES, P. (1990):**

Clinical hematology and blood chemistry values for the Common buzzard (*Buteo buteo*).

J. Raptor Res. 24 (4), 113-119.

**HILDEBRAND, R.-A. (1994):**

Mikroskopische Untersuchungen an Urogenitaltrakt und Rückenmark von Amazonasparakeeten (*Amazona Less.*, 1830).

Vet. Med. Diss. München.

**HILDEBRANDT, TH., PITRA, C., GÖRITZ, F., THIELEBEIN, J., TALSNESS, C.E. (1995):**

Transintestinal ultrasonographic sexing.

Proc. 3<sup>rd</sup> Conf. Europ. Comm. Assoc. Avian Vet., Jerusalem, 37-41.

**HJÄRRE, A. (1933):**

Über das Vorkommen der Amyloiddegeneration bei Tieren.

Acta Pathol. Microbiol. Scand. Suppl. 16, 132-162.

**HOCHLEITHNER, M. (1994):**

Biochemistries.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 223-245.

**HOCHLEITHNER, M., HOCHLEITHNER, C., FUCHS, A., KÜBBA-HEISS, A. (1997):**

Problematik der Interpretation chemischer Blutuntersuchungen bei Vögeln.

Tierärztl. Prax. 25, 689-694.

**HODGES, R.D. (1974):**

The histology of the fowl.

London: Academic Press.

**HOFBAUER, H. (1997):**

Beitrag zur transkutanen Ultraschalluntersuchung des aviären Urogenitaltraktes.

Vet. Med. Diss. Gießen.

**HOFBAUER, H., KRAUTWALD-JUNGHANNS, M.-E. (1999):**

Transcutaneous ultrasonography of the avian urogenital tract.

Vet. Radiol. Ultrasound. 40 (1), 58-64.



**HOKE, W. (1947):**

Anatomie und Physiologie der Geflügelniere.

Vet. Med. Diss., Hannover.

**HOLZ, P.H. (1999):**

The reptilian portal system - a review.

Bull. Assoc. Rept. Amph. Vet. 9 (1), 4-9.

**HOYO, J. DEL, ELLIOTT, A., SARGATAL, J. (1994):**

Handbook of the birds of the world. New world vultures to guineafowl. Vol. 2.

Barcelona: Lynx Edicions.

**HOYO, J. DEL, ELLIOTT, A., SARGATAL, J. (1995):**

Handbook of the birds of the world. Barn owls to humming birds. Vol. 5.

Barcelona: Lynx Edicions.

**HYRLT, M. (1863):**

Über die Injektionen der Wirbelthiernieren und deren Ergebnisse.

Jahresbericht Akad. Wiss. Wien, Math.-nat. Kl. Abt I, 47, 146-204.

zit. nach: Zwingmann (1972)

**IPPEN, R., SCHRÖDER, H.-D. (1972):**

Ein Beitrag zu den Erkrankungen der Zoovögel.

Int. Symp. Erkrank. Zootiere, Wroclaw, 14, 11-27.

**JACOBSON, L. (1813):**

Über eine wichtige Funktion der Venen.

Dtsch. Arch. Physiol. 3, 147.

zit. nach: Hoke, W. (1947)

**JACOBSON, L. (1822):**

De systemate venoso peculiari in permultis animalibus observato.

Isis, 114.

zit. nach: Hoke, W. (1947)

**JENKINS, J.R. (1994):**

Avian Metabolic Chemistries.

Semin. Avian Exot. Pet 3 (1), 25-32.

**JENNI-EIERMANN, S.M., BÜHLER, U., ZBINDEN, N. (1996):**

Vergiftungen von Greifvögeln durch Carbofurananwendung im Ackerbau.

Ornithol. Beob. 9, 69-77.

**JENNINGS, I.B. (1996):**

Haematology.

In: Beynon, P.H., Forbes, N.A., Harcourt-Brown, N.H. (eds): Manual of raptors, pigeons and waterfowl.

Gloucestershire: BSAVA, 75-76.

**JERAJ, K., OSBORNE, C.A., STEVENS, J.B. (1982):**

Evaluation of renal biopsy in 197 dogs and cats.

J. Am. Vet. Med. Assoc. 181(4), 367-369.

**JOHNE, R., MÜLLER, H. (1998):**

Avian polyomavirus in wild birds: genome analysis of isolates from *Falconiformes* and *Psittaciformes*.

Arch. Virol. 143, 1501-1512.

**JOHNSON, O.W. (1979):**

Urinary organs.

In: King, A.S., McLelland, J. (eds): Form and function in birds. Vol. I.

London: Academic Press, 183-235.

**JOHNSON, O.W., MUGAAS, J.N. (1970):**

Some histological features of avian kidneys.

Am. J. Anat. 127, 423-436.

**JOSEPH, V.J. (2000):**

Vomiting and regurgitation.

In: Olsen, G.H., Orosz, S.E. (eds): Manual of avian medicine.

St. Louis: Mosby, 70-84.

**JUANA, E. DE (1992):**

Class Aves (Birds).

In: Hoyo, J. del, Elliott, A., Sargatal, J. (eds): Handbook of the birds of the world. Ostrich to ducks. Vol. 1.

Barcelona: Lynx Edicions, 35-73.

**KALETA, E.F. (1999):**

Polyomavirus der Psittaziden.

In: Kaleta, E.F., Krautwald-Junghanns, M.-E. (Hrsg.): Kompendium der Ziervogelkrankheiten.

Hannover: Schlütersche Verlagsbuchhandlung, 271-274.

**KARSTAD, L., SILEO, L. (1971):**

Causes of death in captive wild waterfowl in the Kortright Waterfowl Park, 1967-1970.

J. Wildl. Dis. 7, 236-241.

**KEHOE, R.A. (1976):**

Pharmacology and toxicology of heavy metals: lead.

Pharmacol. Ther. A. 1, 161-188.

**KENNTNER, N., TATARUCH, F., KRONE, O. (2001):**

Heavy metals in soft tissue of white-tailed eagles found dead or moribund in Germany and Austria from 1993 to 2000.

Environ. Toxicol. Chem. 20 (8), 1831-1837.

**KEYMER, I.F. (1972):**

Diseases of birds of prey.

Vet. Rec. 90, 579-594.

**KIEL, H. (1986):**

Nierengicht beim Uhu und Falken.

5. DVG-Tagung über Vogelkrankheiten, München, 208-212.

**KING, A., MCLELLAND, J. (1978):**

Harnorgane.

In: King, A., McLelland, J. (Hrsg.) Anatomie der Vögel.

Stuttgart: Ulmer Verlag, 110-120.

**KIONKA, H. (1900):**

Entstehung und Wesen der Vogelgicht und ihre Beziehung zur Arthritis urica des Menschen.  
Arch. Exp. Pathol. Pharmacol. 44, 186-206.

**KIRKPATRICK, C.E., TREXLER-MYREN, V.P. (1986):**

A survey of free-living falconiform birds of Salmonella.  
J. Am. Vet. Med. Assoc. 189, 997-998.

**KLÖs, S. (1989):**

Untersuchungen der Krankheits- und Todesursachen von Anseriformes im Zoologischen Garten Berlin anhand der Obduktionen der Jahre 1952-1985 des Landesuntersuchungsamtes Berlin.  
Vet. Med. Diss. Berlin.

**KOENIG, L. (1973):**

Das Aktionssystem der Zwergohreule *Otus scops scops* (L. 1758). Fortschritte der Verhaltensforschung.  
Beihefte Zeitschr. Tierpsychol., 13.

**KÖSTERS, J., GRIMM, F. (1987):**

Zur Problematik der Blutuntersuchung beim Vogelpatienten.  
Wien. Tierärztl. Monatsschr. 74, 180-186.

**KOHLER, W. (1992):**

Auswertung veterinärmedizinischer Befunde bei Wildvögeln - erhoben im Rahmen des vom Land Niedersachsen geförderten Programmes: "Wissenschaftliche Untersuchung über die Auswirkung von Schadstoffen auf die Vogelwelt Niedersachsens".  
Vet. Med. Diss. Hannover.

**KOLLIAS, G.V., HARRISON, G.J. (1986):**

Biopsy techniques.  
In: Harrison, G.J., Harrison, L.R. (eds): Clinical avian medicine and surgery.  
Philadelphia: W.B. Saunders, 245-249.

**KOPPLE, J.D., COBURN, J.W. (1974):**

Evaluation of chronic uraemia. Importance of serum urea nitrogen, serum creatinine and their ratio.

J. Am. Med. Assoc. 227, 41-44.

**KORBEL, R. (1990a):**

Leitsymptom Polydipsie/Polyurie beim Vogelpatienten.

Tierärztl. Prax. 18, 33-40.

**KORBEL, R. (1990b):**

Praxis der Injektions- und Blutentnahmetechniken am Vogelpatienten.

Tierärztl. Prax. 18, 601-611.

**KRAMER, J.M., MONTALI, R.J., STRANDBERG, J.D., FORTNER, J.H. (1980):**

Avian Amyloidosis.

In: Montali, R.J., Migaki, G. (eds): The comparative pathology of zoo animals.

Washington, D. C.: Smithsonian Institution Press, 317-325.

**KRAUTWALD-JUNGHANNS, M.-E. (1999a):**

Erkrankungen der Nieren.

In: Kaleta, E.F., Krautwald-Junghanns, M.-E. (Hrsg.): Kompendium der Ziervogelkrankheiten.

Hannover: Schlütersche Verlagsbuchhandlung, 135.

**KRAUTWALD-JUNGHANNS, M.E. (1999b):**

Nichtinfektiöse Erkrankungen der harnbildenden Organe.

In: Kaleta, E.F., Krautwald-Junghanns, M.-E. (Hrsg.): Kompendium der Ziervogelkrankheiten.

Hannover: Schlütersche Verlagsbuchhandlung, 187-192.

**KRAUTWALD-JUNGHANNS, M.-E., TELLHELM, B., HUMMEL, G., KOSTKA, V., KALETA, E.F. (1992):**

Atlas zur Röntgenanatomie und Röntgendiagnostik der Ziervögel.

Berlin: Parey Verlag.

**KROKER, R. (1999):**

Pharmaka zur Behandlung und Verhütung bakterieller Infektionen.

In: Löscher, W., Ungemach, F.R., Kroker, R. (Hrsg.): Pharmakotherapie bei Haus- und Nutztieren. 4. Aufl.

Berlin: Parey Verlag, 211-246.

**KRONBERGER, H., SCHÜPPEL, K.-F. (1972):**

Ergebnisse der postmortalen Untersuchung von 4000 Vögeln.

Int. Symp. Erkrank. Zootiere, Wroclaw, 14, 29-35.

**KRONBERGER, H., SCHÜPPEL, K.-F. (1977):**

Zwanzig Jahre post-mortale Untersuchung von Vögeln.

Int. Symp. Erkrank. Zootiere, Poznan, 19, 153-169.

**KRONE, O. (1998):**

Endoparasiten bei wildlebenden Greifvögeln aus drei verschiedenen Gebieten Deutschlands.

Vet. Med. Diss. Berlin.

**KUMMERFELD, N., HARTMANN, U., DIECKMANN, R., LANGE, J., SCHÄFER-NOLTE, C. (1985):**

Untersuchungen über Glukose und Harnstoff im Blutplasma sowie Hämatokrit zur klinischen Labordiagnostik beim Vogel.

Int. Symp. Erkrank. Zootiere, St. Vincent/Torino, 27, 299-308.

**KURIHARA, S., YASUDA, M. (1973):**

Comparative and topographical anatomy of the fowl. LXIII. Size distribution of corpuscula renis.

Jap. J. Vet. Sci. 35, 316-318.

**LANE, R.A. (1996):**

Avian urinalysis.

In: Roskopf, W., Woerpel, R. (eds): Diseases of cage and aviary birds.

Baltimore: Williams and Wilkins, 783-791.

**LAVERTY, G., DANTZLER, W.H. (1983):**

Micropuncture study of urate transport by superficial nephrons in avian (*Sturnus vulgaris*) kidney.

Pflugers Arch. 397, 232-236.

**LEAF, A., COTRAN, R. (1976):**

Renal pathophysiology.

New York: Oxford University Press, 164-165.

**LEIPOLD, R. (1985):**

Erbrechen als Leitsymptom bei Psittaciformes - Ursachen, Diagnose, Therapiemöglichkeiten.

4. DVG-Tagung über Vogelkrankheiten, München, 17-32.

**LEVINE, R., WOLFSON, W.Q., LENEL, R. (1947):**

Concentration and transport of true urate in the plasma of azotemic chicken.

Am. J. Physiol. 151, 186-191.

**LIERZ, M. (1999):**

Untersuchungen zum Krankheitsspektrum aufgefundener Greifvögel und Eulen in Berlin und Brandenburg.

Vet. Med. Diss. Berlin.

**LIERZ, M., SCHUSTER, R., EHRLEIN, J., GÖBEL, TH. (1998):**

Nachweis von *Hovorkonema variegatum* bei einem Habicht (*Accipiter gentilis*).

Kleintierpraxis 43 (1), 43-46.

**LINDGREN, H. (1868):**

Über den Bau der Vogelnieeren.

Z. rat. Med. 33, 15-35.

zit. nach: Hoke, W. (1947)

**LIU, H.C. (1962):**

The comparative structure of the ureter.

Am. J. Anat. 111, 1-15.

**LOCKE, L.N., FRICKIE, D.N., YOUNG, L.T. (1969):**

Lead poisoning and aspergillosis in an Andean condor.

J. Am. Vet. Med. Assoc. 155, 1052-1056.

**LÖLIGER, H.C., MEYER, H. (1989):**

Möglichkeiten hämatologischer und klinisch-chemischer Untersuchungsmethoden in der Diagnose von Geflügelkrankheiten.

38. Fachgespräch „Geflügelkrankheiten“, Hannover, 39-51.

**LÜTHGEN, W. (1978):**

Salmonelleninfektion oder Salmonellose bei Greifvögeln.

Prakt. Tierarzt 9, 663-666.

**LUMEIJ, J.T. (1985):**

The influence of blood sample treatment on plasma potassium concentrations in avian blood.

Avian Pathol. 14, 257-260.

**LUMEIJ, J.T. (1987):**

Plasma urea, creatinine and uric acid concentrations in response to dehydration in racing pigeons (*Columbia livia domestica*).

Avian Pathol. 17, 851-864.

**LUMEIJ, J.T. (1993a):**

Laboruntersuchungen und Diagnostik bei Erkrankungen von Haus- und Ziervögeln.

WSAVA Weltkongreß & FKDVG Berlin, 30-34.

**LUMEIJ, J.T. (1993b):**

Avian plasma chemistry in health and disease.

Proc. Conf. Ann. Assoc. Avian Vet., Nashville, 20-26.

**LUMEIJ, J.T. (1994):**

Nephrology.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 538-555.



**LUMEIJ, J.T. (1998):**

(Patho) Physiology, Diagnosis and treatment of renal disorders in birds of prey.  
3<sup>rd</sup> Int. Rapt. Biomed. Conf., 6.

**LUMEIJ, J.T. (2000):**

Pathophysiology, diagnosis and treatment of renal disorders in birds of prey.  
In: Lumeij, J.T., Remple, J.D., Redig, P.T., Lierz, M., Cooper, J.E. (eds): Raptor biomedicine  
III.  
Lake Worth: Zoological Education Network, 169-178.

**LUMEIJ, J.T., REDIG, P.T. (1992):**

Hyperuricaemia and visceral gout induced by allopurinol in red-tailed hawks (*Buteo jamaicensis*).  
8. DVG-Tagung über Vogelkrankheiten, München, 265-269.

**LUMEIJ, J.T., REMPLE, J.D. (1991):**

Plasma urea, creatinine and uric acid concentrations in relation to feeding in peregrine  
falcons (*Falco peregrinus*).  
Avian Pathol. 20, 79-83.

**LUMEIJ, J.T., REMPLE, J.D., REMPLE, C.J., RIDDLE, K.E. (1998a):**

Plasma chemistry in peregrine falcons (*Falco peregrinus*): reference values and physiological  
variations of importance for interpretation.  
Avian Pathol. 27, 129-132.

**LUMEIJ, J.T., SPRANG, E.P.M., REDIG, P.T. (1998b):**

Further studies on allopurinol-induced hyperuricaemia and visceral gout in red-tailed hawks  
(*Buteo jamaicensis*).  
Avian Pathol. 27, 390-393.

**MACDONALD, J.W., RANDALL, C.J. (1983):**

Lead poisoning in captive birds of prey.  
Vet. Rec. 113, 65-66.

**MARSHALL, E.K. (1934):**

A comparative physiology of the kidney in relation to theories of renal secretion.  
Physiol. Rev. 14, 133-159.

**MARTINDALE, L. (1976):**

Renal urate synthesis in the fowl (*Gallus domesticus*).

Comp. Biochem. Physiol. A. 53, 389-391

**MATIC, G.S. (1966):**

Vergleichende Untersuchungen in den Nieren beim Geflügel.

Acta Vet. 16, 441-452.

**MCKIBBEN, J.S., HARRISON, G.J. (1986):**

Clinical anatomy (with emphasis on the Amazon parrot).

In: Harrison, G.J., Harrison, L.R. (eds): Clinical avian medicine and surgery.

Philadelphia: W.B. Saunders Company, 31-66.

**MCLELLAND, J. (1990):**

A colour atlas of avian anatomy.

London: Wolfe Publishing Company.

**McMILLAN, M.C. (1994):**

Imaging techniques.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 246-326.

**MEISTER, B. (1981):**

Untersuchungen zur alimentären Bleivergiftung bei Greifvögeln.

Vet. Med. Diss. Gießen.

**MICHEL, G. (1983):**

Kompodium der Embryologie der Haustiere. 3. Aufl.

Jena: Gustav Fischer Verlag.

**MICHEL, G., JUNGE, D. (1972):**

Zur mikroskopischen Anatomie der Niere bei Huhn und Ente.

Anat. Anz. 131, 124-135.

**MIKAELIAN, I., PATENAUDE, R., GIRARD, C., MARTINEAU, D. (1998):**

Metastatic cholangiocellular carcinoma and renal adenocarcinoma in a golden eagle (*Aquila chrysaetos*).

Avian Pathol. 27, 321-325.

**MINSKY, L., PETRAK, M.L. (1982):**

Diseases of the digestive tract.

In: Petrak, M.L. (ed): Diseases of cage and aviary birds. 2<sup>nd</sup> ed.

Philadelphia: Lea & Febiger, 432-448.

**MITTELSTAEDT, H. (1992):**

Somatic versus vestibular gravity reception in man. Sensing and controlling motion.

Ann. NY. Acad. Sci. 656, 124-139.

**MOLLENHAUER, H.H., CORRIER, D.E., HUFF, W.E., KUBENA, L.F., HARVEY, R.B., DROLESKEY, R.E. (1989):**

Ultrastructure of hepatic and renal lesions in chickens fed aflatoxin.

Am. J. Vet. Res. 50 (5), 771-777.

**MONROE, B.L., SIBLEY, CH. (1993):**

A world checklist of birds.

New Haven, London: Yale University Press.

**MONTALI, R.J., BUSH, M., THOEN, C.O., SMITH, E. (1976):**

Tuberculosis in captive exotic birds.

J. Am. Vet. Med. Assoc. 169, 920-927.

**MORI, F., TOUCHI, A., SUWA, T., ITAKURA, C., HASHIMOTO, A., HIRAI, K. (1989):**

Inclusion bodies containing adenovirus-like particles in the kidneys of psittacine birds.

Avian Pathol. 18, 197-202.

**MORIGACHI, R., IZAWA, H., SOEKOWA, M. (1974):**

Histopathology of spontaneous amyloidosis in duck.

Kitasato Arch. Exp. Med. 47, 211-226.

**MORILD, I., BOHLE, A., CHRISTENSEN, J.A. (1985):**

Structure of the avian kidney.

Anat. Rec. 212 (1), 33-40.

**MORISHITA, T.Y., FULLERTON, A.T., LOWENSTINE, L.J., GARDNER, I.A., BROOKS, D.L. (1998):**

Morbidity and mortality in free-living raptorial birds of Northern California: a retrospective study, 1983-1994.

J. Avian Med. Surg. 12 (2), 78-81.

**MORROW, C.J., BROWNE, A.P., O'DONNELL, C.J., THORP, B.H. (1997):**

Hypophosphataemic rickets and nephrocalcinosis in ostrich chicks brooded and reared on limestone sand.

Vet. Rec. 140, 531-532.

**MUNGER, L.L., MCGAVIN, M.D. (1972):**

Sequential postmortem changes in chicken kidney at 4, 20 or 37°C.

Avian Dis. 16, 606-621.

**MUNK, F. (1913):**

Klinische Diagnostik der degenerativen Nierenerkrankungen.

Z. klin. Med. 78, 1-52.

**MURRAY, M.J., TAYLOR, M. (1997):**

The use of endoscopy and endoscopic biopsy as aids in the diagnosis of renal disease.

Proc. Ann. Conf. Assoc. Avian Vet., Reno, 133-138.

**MUTSCHLER, E. (1996):**

Arzneimittelwirkungen.

Stuttgart: Wissenschaftliche Verlagsgesellschaft.

**NEEDHAM, J.R. (1981):**

Bacterial flora of birds of prey.

In: Cooper, J.E., Greenwood, A.G. (eds): Recent advances in the study of raptor diseases.

Keighley: Chiron Publications, 3-9.

**NEUMANN, U., KUMMERFELD, N. (1983):**

Neoplasms in budgerigars (*Melopsittacus undulatus*): clinical, pathomorphological and serological findings with special consideration of kidney tumours.

Avian Pathol. 12, 353-362.

**NICHOLSON, J.K. (1981):**

The histology and fine structure of collecting tubules and ducts of avian kidneys.

J. Anat. 132 (3), 467.

**NICHOLSON, J.K. (1982):**

The microanatomy of the distal tubules, collecting tubules and collecting ducts of the starling kidney.

J. Anat. 134 (1), 11-23.

**OGAWA, M., SOKABE, H. (1971):**

The macula densa site of avian kidney.

Z. Zellforsch. 120, 29-36.

**OPPENHEIMER, E.H., KUNKEL, H.G. (1943):**

Further observations on lowering of blood uric acid by uricase injections.

Bull. John Hopkins Hospital 73, 40-53.

**OROSZ, S. (1997):**

Anatomy of the urogenital system.

In: Altman, R.B., Clubb, S.L., Dorrestein, G.M., Quesenberry, K. (eds): Avian medicine and surgery.

Philadelphia: W.B. Saunders, 614-622.

**PACE, L.W., CHENGAPPA, M.M., GREER, S., ALDERSON, C. (1987):**

Isolation of *Erysipelotrix rhusiopathiae* from a red-tailed hawk (*Buteo jamaicensis*) with a concurrent pox virus infection.

J. Wildl. Dis. 23, 671-673.

**PATTEE, O.H., WIEMEYER, S.N., MULHERN, B.M., SILEO, L., CARPENTER, J.W. (1981):**

Experimental lead-shot poisoning in bald eagles.

J. Wildlife Manag. 45 (3), 806-810.

**PAUL, I., BRINZOIU, M. (1965):**

Aspecte morfologice ale amiloidozei la pasari.

Morfol. Norm. 10, 69-74.

**PAYNE, C.G., GILCHRIST, P., PEARSON, J.A., HEMSLEY, L.A. (1974):**

Involvement of biotin in the fatty liver and kidney syndrome of broilers.

Br. Poult. Sci. 15, 489-498.

**PECKHAM, J.C., DOUPNIK, B., JONES, O.H. (1971):**

Acute toxicity of ochratoxin A and B in chicks.

J. Appl. Microbiol. 21, 492-497.

**PETERSON, D.W., HAMILTON, W.H., LILYBLADE, A.L. (1971):**

Hereditary susceptibility to dietary induction of gout in selected lines of chickens.

J. Nutr. 101, 347-354.

**PHALEN, D.N., AMBRUS, S.A., GRAHAM, D.L. (1990):**

The avian urinary system: form, function, and diseases.

Proc. Ann. Conf. Assoc. Avian Vet., Phoenix, 44-57.

**PHALEN, D.N., AMBRUS, S.A., GRAHAM, D.L. (1991):**

The avian urinary system: form, function, diseases.

Proc. Ann. Conf. Assoc. Avian Vet., Chicago, 34-54.

**PHALEN, D.N., WILSON, V.G., GRAHAM, D.L. (1996):**

Characterization of the avian polyomavirus-associated glomerulopathy of nestling parrots.

Avian Dis. 40, 140-149.

**PLATTS, M.M., MUDGE, G.H. (1961):**

Accumulation of uric acid by slices of kidney cortex.

Am. J. Physiol. 200, 387-391.

**PORTER, P. (1963):**

Physico-chemical factors involved in urate calculus formation.

Res. Vet. Sci. 4, 581-591.

**POULSEN, T.L., BARTHOLOMEW, G.A. (1962):**

Salt balance in the savannah sparrow.

Physiol. Zool. 35, 109-119.

**PUDELKIEWICZ, W.J., BOUCHER, R.V., CALLENBACH, E.W., MILLER, R.C. (1959):**

Some physiological responses of New Hampshire chickens to a mixture of penta- and hexachloronaphthalenes.

Poult. Sci. 38, 424-430.

**QUEBBEMANN, A.J. (1973):**

Renal synthesis of uric acid.

Am. J. Physiol. 224, 1398-1402.

**RAIDAL, S.R., JAENSCH, S.M. (2000):**

Central nervous disease and blindness in Nankeen kestrels (*Falco cenchroides*) due to a novel *Leucocytozoon*-like infection.

Avian Pathol. 29, 51-56.

**RANDALL, C.J., REECE, R.L. (1996):** Urinary system.

In: Randall, C.J., Reece, R.L. (eds): Color atlas of avian histopathology.

London: Mosby-Wolfe, 125-144.

**RASSOW, D. (1987):**

Analyse der post-mortalen Untersuchungsbefunde von Vögeln sechs verschiedener Ordnungen aus dem Zoologischen Garten Berlin (Untersuchungszeitraum 1957-1985).

Vet. Med. Diss. Berlin.

**REDIG, P.T., DUKE, G.E. (1985):**

Comparative pharmacokinetics of antifungal drugs in domestic turkeys, red-tailed hawks, broad-winged hawks, and great-horned owls.

Avian Dis. 29 (3), 649-661.

**REESE, M., GRIMM, F., MITTELSTAEDT, H. (1994):**

Untersuchungen zu somatischen Gravitationsrezeptoren bei der Taube (*Columbia Livia*, Gmel. 1789).

9. DVG-Tagung über Vogelkrankheiten, München, 68-74.

**REINARZ, G. (1999):**

Untersuchungen über die Todesursachen freilebender Greifvögel und Eulen in Hessen unter besonderer Berücksichtigung parasitologischer, mykologischer und virologischer Befunde.  
Vet. Med. Diss. Gießen.

**REMANE, A., STORCH, V., WELSCH, U. (1989):**

Tetrapoda. In: Remane, A., Storch, V., Welsch, U. (Hrsg.): Kurzes Lehrbuch der Zoologie. 6. Aufl.  
Stuttgart, New York: Gustav Fischer Verlag, 511-538.

**RICKART, C.K. (1968):**

Das Blutgefäßsystem der Niere des Haushuhnes (*Gallus domesticus*).  
Vet. Med. Diss. Gießen.

**ROSSKOPF, W.J., WOERPEL, R.W. (1986):**

The practical use and limitations of urinalysis in diagnostic pet avian medicine: with emphasis on the differential diagnosis of polyuria, importance of cast formation in the urinalysis and case reports.  
Proc. Conf. Assoc. Avian Vet., Miami, 61-73.

**ROSSKOPF, W.J., WOERPEL, R.W. (1988):**

Kidney disease in a military macaw, a yellow-naped amazon parrot, and an umbrella cockatoo.  
Proc. Conf. Assoc. Avian Vet., Houston, 207-218.

Ruberte, J., König, H.E., Liebich, H.-G. (2001): Organe des Herz-Kreislauf-Systems.

In: König, H.E., Liebich, H.-G. (Hrsg.): Anatomie und Propädeutik des Geflügels.

Stuttgart: Schattauer Verlagsgesellschaft, 143-160.

**SALOMON, F.-V. (1993):**

Harnorgane.

In: Salomon, F.-V. (Hrsg.): Lehrbuch der Geflügelanatomie.

Jena, Stuttgart: Gustav Fischer Verlag, 191-196.



**SATTERFIELD, W.C. (1981):**

Early diagnosis of avian tuberculosis by laparoscopy and liver biopsy.

In: Cooper, J.E., Greenwood, A.G. (eds): Recent advances in the study of raptor diseases.

Keighley: Chiron Publications, 105-106.

**SCHLOTTHAUER, C.F., BOLLMAN, J.L. (1934):**

Experimental gout in turkeys.

Mayo Clin. Proc. 9, 560-561.

**SCHÜTZ, H., GRAY, D.A., GERSTBERGER, R. (1992):**

Modulation of kidney function in conscious Pekin ducks by atrial natriuretic factor.

Endocrinology 130, 678-684.

**SCHUH, J.C.L., SILEO, L., SIEGFRIED, L.M., YUILL, T.M. (1986):**

Inclusion body disease of cranes: comparison of pathologic findings in cranes with acquired versus experimentally induced disease.

J. Am. Vet. Med. Assoc. 189, 993-996.

**SEYLE, H. (1943):**

Production of nephrosclerosis in the fowl by sodium chloride.

J. Am. Vet. Med. Assoc. 103, 140-143.

**SILLER, W.G. (1959a):**

The pathology of avian glomerulonephritis.

J. Pathol. Bacteriol. 78, 57-65.

**SILLER, W.G. (1959b):**

Avian nephritis and visceral gout.

Lab. Invest. 8, 1319-1346.

**SILLER, W.G. (1971):**

Structure of the kidney.

In: Bell, D.J., Freeman, B.M. (eds): Physiology and biochemistry of the domestic fowl. Vol. 1.

London: Academic Press, 197-231.

**SILLER, W.G. (1981):**

Renal pathology of the fowl - a review.

Avian Pathol. 10, 187-262.

**SILLER, W.G., CARR, J.G. (1961):**

The spread of tumour metastases via the renal-portal system in the fowl.

Res. Vet. Sci. 2, 96-99.

**SILLER, W.G., CUMMING, R.B. (1974):**

The histopathology of an interstitial nephritis in the fowl produced experimentally with infectious bronchitis virus.

J. Pathol. 114, 163-173.

**SILLER, W.G., OSTLER, D.G. (1961):**

The histopathology of an entero-hepatic syndrome of turkey poults.

Vet. Rec. 73, 134-138.

**SIMPSON, C.F., DAMRON, B.L., HARMS, R.H. (1970):**

Abnormalities of erythrocytes and renal tubules of chicks poisoned with lead.

Am. J. Vet. Res. 31 (3), 515-523.

**SIMPSON, V.R. (1993):**

Causes of mortality and pathological conditions observed in common buzzards (*Buteo buteo*) in Cornwall, England.

Proc. Europ. Conf. Avian Med. Surg., Utrecht, 423-440.

**SKADHAUGE, E. (1981):**

Osmoregulation in birds.

New York: Springer-Verlag.

**SKADHAUGE, E., SCHMIDT-NIELSEN, B. (1967):**

Renal medullary and electrolyte gradient in chickens and turkeys.

Am. J. Physiol. 212, 1313-1318.

**SLINDEE, C. (1975):**

Exotic case history.

Iowa State University Veterinarian 37 (3), 76-77.

**SNOEYENBOS, G.H., REYNOLDS, I.M., TZIANABOS, T. (1962):**

Articular gout in turkeys - case report.

Avian Dis. 6, 32-36.

**SPANNER, R. (1925):**

Der Pfortaderkreislauf der Vogelniere.

Gegenbaur's Morphol. Jb. 54, 560-632.

**SPEER, B., HARRIS, D., MURRAY, M., BOSSART, B., CLUBB, S.L. (1997):**

Endoscopic renal biopsy.

J. Avian Med. Surg. 11 (4), 273-276.

**SPERBER, I. (1948):**

Investigations on the circulatory system of avian kidney.

Zool. Bidrag, Uppsala 27, 429-448.

**SPERBER, I. (1960):**

Excretion.

In: Marshall, A.J. (ed): Biology and comparative physiology of birds. Vol. 1.

New York: Academic Press, 469-492.

**STEHLE, S. (1965):**

Krankheiten bei Greifvögeln (Accipitres) und Eulen (Striges) mit Ausnahme der parasitären Erkrankungen.

Vet. Med. Diss. Hannover.

**STYLES, D.K., PHALEN, D.N. (1998):**

Clinical avian urology.

Semin. Avian Exot. Pet 7 (2), 104-113.

**SUEDMEYER, K.WM., BERMUDEZ, A. (1996):**

A new approach to renal biopsy in birds.

J. Avian Med. Surg. 10 (3), 179-186.

**TATARUCH, F., STEINECK, TH., FREY, H. (1998):**

Vergiftungen durch Carbofuran bei Wildtieren (Greifvögeln, Singvögeln und Carnivoren) in Österreich.

Wien. Tierärztl. Monatsschr. 85, 12-17.

**TAYLOR, M. (1993):**

A new endoscopic system for the collection of diagnostic specimens in the bird.

Proc. Ann. Conf. Assoc. Avian Vet., Nashville, 83-86.

**TAYLOR, M. (1994):**

Endoscopic examination and biopsy techniques.

In: Ritchie, B.W., Harrison, G.J., Harrison, L.R. (eds): Avian medicine: Principles and application.

Lake Worth, Florida: Wingers Publishing, 327-354.

**TAYLOR, M. (1995):**

Biopsy techniques in avian medicine.

Proc. Ann. Conf. Assoc. Avian Vet., Philadelphia, 275-280.

**TECHNAU, G. (1936):**

Die Nasendrüsen der Vögel, zugleich ein Beitrag zur Morphologie der Nasenhöhlen.

J. Ornithol. 84, 511-617.

**UNFLAT, J.G., KISSEL, R.E., WIDEMAN, R.F., MUIR, F.V. (1985):**

A comparison of two techniques for determining glomerular size distribution in domestic fowl.

Poult. Sci. 64, 1210-1215.

**VILLFORTH, Y.M. (1995):**

Krankheiten und Todesursachen von Greifvögeln und Eulen.

Vet. Med. Diss. Gießen.

**WADSWORTH, P.F., JONES, D.M. (1980):**

A renal carcinoma in an Augur buzzard (*Buteo rufofuscus augur*).

Avian Pathol. 9, 219-223.

**WAGNER, H. (1922):**

Untersuchungen über das absolute und relative Gewicht der Organe beim Haushuhn.

Vet. Med. Diss. Leipzig.

zit. nach: Hoke, W. (1947)

**WAIBL, H., SINOWATZ, F. (1992):**

Harn- und Geschlechtapparat.

In: Nickel, R., Schummer, A., Seiferle, E. (Hrsg.): Lehrbuch der Anatomie der Haustiere. Bd. 5: Anatomie der Vögel. 2. Aufl.

Berlin: Parey Verlag, 224-261.

**WARD, M.A., PETERSON, R.A. (1973):**

The effect of heat treatment on plasma uric acid, lactat dehydrogenase, chloride, total protein and zink of the broiler.

Poult. Sci. 52 (2), 1671-1673.

**WARUI, C.N. (1989):**

Light microscopic morphometrie of the kidneys of fourteen avian species.

J. Anat. 162, 19-31.

**WASIELEWSKI, T. VON, WÜLKER, G. (1918):**

Die Hämoproteus-Infektion des Turmfalken.

Beiheft Arch. Schiffs- und Tropenhyg. 22 (2), 3-100.

**WHITEHEAD, C.C., BLAIR, R. (1974):**

The involvement of biotin in the fatty liver and kidney syndrome in broiler chickens.

World Poult. Sci. J. 30, 231.

**WIDEMAN, R.F. (1987):**

Renal regulation of avian calcium and phosphorus metabolism.

J. Nutr. 117, 808-814.

**WIDEMAN, R.F., BRAUN, E.J. (1981):**

Stimulation of avian renal phosphate secretion by parathyreoid hormone.  
Am. J. Physiol. 241, F263-F272.

**WIDEMAN, R.F., BRAUN, E.J., ANDERSON, G.L. (1981):**

Microanatomy of the renal cortex in the domestic fowl.  
J. Morphol. 168, 249-267.

**WIGHT, P.A.L. (1975):**

The occurrence of lipid in the oxynto-peptic cells of the proventriculus of fasting domestic fowl.  
J. Anat. 120, 485-494.

**WILHELM, A.M. (1957):**

Die Beteiligung der Niere am Krankheitsgeschehen bei verschiedenen Erkrankungen des Huhnes.  
Vet. Med. Diss. Gießen.

**WOBESER, G.A. (1981):**

Diseases of wild waterfowl.  
New York, London: Plenum Press.

**ZMUDA, M.J., QUEBBEMANN, A.J. (1975):**

Localization of renal tubular uric acid transport defect in gouty chickens.  
Am. J. Physiol. 229 (3), 820-825.

**ZÖLLNER, A. (1997):**

Untersuchungen zur Amyloidose bei Zoo- und Wildvögeln sowie zur histo- und immunhistochemischen Charakterisierung des aviären Amyloidproteins.  
Vet. Med. Diss. Berlin.

**ZSCHIESCHE, W., LINKE, R.P. (1986):**

Zur Amyloidose der Zoovögel unter besonderer Berücksichtigung des Wassergeflügels.  
Int. Symp. Erkrank. Zootiere, Rostock, 28, 301-306.

**ZSCHIESCHE, W., LINKE, R.P. (1989):**

Immunohistochemical characterization of spontaneous amyloidosis in captive birds as AA-type, using monoclonal and polyclonal anti-AA-antibodies against mammalian amyloid.

Acta histochem. 86, 45-50.

**ZWINGMANN, W. (1972):**

Topographie und Histologie des harnbereitenden und harnabführenden Systems der Niere des Haushuhnes.

Vet. Med. Diss. Hannover.