

8 LITERATURVERZEICHNIS

ABEL J., N. SPANNBRUCKER, J. FANDREY und W. JELKMANN (1996)

Serum erythropoietin levels with sepsis and septic shock.

Eur. J. Haematol. **57**, 359-363

ABELS, R. I., K. M. LARHOLT, K. D. KRANTZ und E. C. BRYANT (1991)

Recombinant human erythropoietin (r-HuEPO) for the treatment of the anaemia of cancer. In Murphy, M. J. (Hrsg.): Blood cell growth factors: Their present and future use in haematology and oncology.

Proceedings of the Beijing Symposium. Dayton, OH, Alpha. Med. Press. 121-141

ABELS, R. I. (1992)

Use of recombinant human erythropoietin in the treatment of anemia in patients who have cancer.

Semin. Oncol. **19** (Suppl. 8), 29-35

ABKOWITZ, J. L., R. D. HOLLY und C. K. GRANT (1987)

Retrovirus-induced feline pure red cell aplasia.

J. Clin. Invest. **80**, 1056-1063

ABKOWITZ J. L., M. L. LINENBERGER, M. PERSIK, M. A. NEWTON und P. GUTTORP (1993)

Behavior of feline hematopoietic stem cells years after busulfan exposure.

Blood **82**, 2096-2103

ABRAMSON, S. D. und N. ABRAMSON (1999)

'Common' uncommon anemias.

Am. Fam. Physician **59** (4), 851-858

ABSHIRE, T. C. (1996)

The anemia of inflammation. A common cause of childhood anemia.

Pediatr. Clin. North. Am. **43**, 623-637

ADAMS, L. G., R. M. HARDY, D. J. WEISS und J. W. BARTGES (1993)

Hypophosphatemia and hemolytic anemia associated with diabetes mellitus and hepatic lipidosis in cats.

J. Vet. Intern. Med. **7**, 266-271

AGAR, N. S. und P. G. BOARD (1983)

Red cell metabolism.

In: AGAR, N. S. und P. G. BOARD (Hrsg.): Red blood cells of domestic animals.

Elsevier Science Publishers B. V., Amsterdam, 227-251

AHLUWALIA, N., C. J. LAMMI-KEEFE, R. B. BENDEL, E. E. MORSE, J. L. BEARD und N. R. HALEY (1995)

Iron deficiency and anemia of chronic disease in elderly women: a discriminant-analysis approach for differentiation.

Am. J. Clin. Nutr. **61**, 590-596

ALSAKER, R. D., J. LOBER, J. B. STEVENS und V. PERMAN (1977)

A comparison of polychromasia and reticulocyte counts in assessing erythrocytic response in the cat.

J. Am. Vet. Med. Assoc. **170**, 39-41

AMBROSO, D. R. und R. B. JOHNSTON (1981)

Lactoferrin enhances hydroxyl radical production by human neutrophils, neutrophil particulate fractions and enzymatic generating system.

J. Clin. Invest. **67**, 352-360

ANDREWS, G. A., P. S. CHAVEY und J. E. SMITH (1994)

Enzyme-linked Immunosorbent Assay to measure serum ferritin and the relationship between serum ferritin and nonheme iron stores in cats.

Vet. Pathol. **31**, 674-678

ANDREWS, G. A. und J. E. SMITH (2000)

Iron metabolism.

In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm`s Veterinary Hematology, 5. Auflage, Lippincott Williams & Wilkins, Philadelphia, 129-134

AVAIL LUNDQVIST, E., E. BLAD, L. XIAO, K. SJOVALL und P. ENEROTH (1991)

Pretreatment serum levels of C-reactive protein, alpha 1-antitrypsin, haptoglobin, alpha 1-acid glycoprotein and tissue polypeptide antigen in cervical carcinoma.

Eur. J. Gynaecol. Oncol. **12**, 375-383

BAER, A. N., E. N. DESSYPRIS, E. GOLDWASSER und S. B. KRANTZ (1987)

Blunted erythropoietin response to anaemia in rheumatoid arthritis.

Br. J. Haematol. **66**, 559-564

BAER, A. N., E. N. DESSYPRIS und S. B. KRANTZ (1990)

The pathogenesis of anemia in rheumatoid arthritis: a clinical and laboratory analysis.

Semin. Arthritis Rheumat. **19** (4), 209-223

BAKER, D. C., S. D. GAUNT und S. S. BABIN (1988)

Anemia of inflammation in dogs infected with Ehrlichia platys.

Am. J. Vet. Res. **49** (7), 1014-1016

- BAUMANN , H., V. ONOROTO, J. GAULDIE und G. P. JAHREIS (1987)
Distinct sets of acute phase plasma proteins are stimulated by separate human hepatocyte-stimulating factors and monokines in rat hepatoma cells.
J. Biol. Chem. **262** (20), 9756-9768
- BENDITT, E. P., J. C. HOFFMAN und N. ERIKSEN (1982)
SAA, an apoprotein of HDL: its structure and function.
Ann. N. Y. Acad. Sci. **389**, 183-189
- BEUTLER, E. (1990)
Osmotic fragility.
In: WILLIAMS, J. W., E. BEUTLER, A. J. ERSLEV und M. A. LICHTMAN (Hrsg.):
Hematology, 4th ed., McGraw-Hill Publishing Company, New York, 1726-1728
- BIREGEGARD, G., B. GUDBJRONSSON, R. HALLGREN und L. WIDE (1991)
Anemia of chronic inflammatory arthritides: Treatment with recombinant human erythropoietin.
Contrib. Nephrol. **88**, 295-303
- BLAKE, D. R., R. F. WATERWORTH und P. A. BACON (1981)
Assessment of iron stores in inflammation by assay of serum ferritin concentrations.
Br. Med. J. **283**, 1147-1148
- BLICK, M., S. A. SHERWIN, M. ROSENBLUM und J. GUTTERMAN (1987)
Phase I study of recombinant tumor necrosis factor in cancer patients.
Cancer Res. **47**, 2986-2989
- BLUE, J. T., T. W. FRENCH und J. S. KRANZ (1988)
Non-lymphoid hematopoietic neoplasia in cats: A retrospective study of 60 cases.
Cornell Vet. **78**, 21-42
- BORNSTEIN, D. L. und E. C. WALSH (1978)
Endogeneous mediators of the acute-phase reaction. I. Rabbit granulocyte pyrogen and its chromatographic subfractions.
J. Lab. Clin. Med. **91**, 236-245
- BORNMANN-HOLLSTEIN, A. (1993)
Enzymimmunologischer Nachweis von Erythropoetin im Blut von Hund, Katze und Pferd.
Vet.-Med. Dissertation, Hannover
- BRADY, C. A., C. M. OTTO, T. J. VAN WINKLE und L. G. KING (2000)
Severe sepsis in cats: 29 cases (1986-1998)
J. Am. Vet. Med. Assoc. **217** (4), 531-535

BREITSCHWERDT, E. B., A. C. G. ABRAMS-OGG, M. R. LAPPIN, D. BIENZLE, S. I. HANCOCK, S. M. COWAN, J. K. CLOOTEN, B. C. HEGARTY und E. C. HAWKINS (2002)
Molecular evidence supporting *Ehrlichia canis*-like infection in cats.
J. Vet. Intern. Med. **16**, 642-649

BRESFORD, C. H., R. J. NEALE und O. G. BROOKS (1971)
Iron absorption and pyrexia.
Lancet **1**, 568-575

BUSH, J. A., H. ASHENBRUCKER, G. E. CARTWRIGHT und M. M. WINTROBE (1956)
The anemia of infection. XX. The kinetics of iron metabolism in the anemia associated with chronic infection.
J. Clin. Invest. **35**, 89-97

BUSH, B. M. (1998)
Interpretation of laboratory results for small animal clinics.
Blackwell Science, London, 1-515

BYRD, T. F. und M. A. HORWITZ (1993)
Regulation of transferrin receptor expression and ferritin content in human mononuclear phagocytes. Coordinate upregulation by iron transferrin and downregulation by interferon gamma.
J. Clin. Invest. **91** (3), 969-976

CALLAN, M. B., M. E. GRIOT-WENK, S. G. HACKNER und U. GIGER (2000)
Persistent thrombopathy causing bleeding in 2 domestic shorthaired cats.
J. Vet. Intern. Med. **14** (2), 217-220

CAMACHO, J., F. ARNALICH, A. F. ZAMORANO und J. J. VAZQUEZ (1991)
Serum erythropoietin levels in the anemia of chronic disorders.
J. Int. Med. **229** (1), 49-54

CAR, B. D. (2000)
Erythropoiesis and Erythrokinetics.
In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm`s Veterinary Hematology. 5th ed., Lippincott Williams & Wilkins, Baltimore, **18**, 105-109

CAROLINE, L., F. ROSNER und P. J. KOZINN (1969)
Elevated serum iron, low unbound transferrin and candidiasis in acute leukemia.
Blood **34** (4), 441-451

CARTWRIGHT, G. E., P. J. LAURITZEN, I. M. JONES, I. M. MERRILL und M. M. WINTROBE (1946a)
The anemia of infection. I. Hypoferremia, hypercupremia and alterations in porphyrin metabolism in patients.
J. Clin. Invest. **25**, 65-80

CARTWRIGHT, G. E.; M. A. LAURITZEN, S. HUMPHREY, P. J. JONES, I. M. MERRILL und M. M. WINTROBE (1946b)

The anemia of infection. II. The experimental production of hypoferremia and anemia in dogs.

J. Clin. Invest. 25, 81-86

CARTWRIGHT, G. E., C. J. GUBLER und M. M. WINTROBE (1950)

The anemia of infection. XII. The effect of turpentine and colloidal thorium dioxide on the plasma iron and plasma copper of dogs.

J. Biol. Chem. **184**, 579-587

CARTWRIGHT, G. E. und M. M. WINTROBE (1952)

The anemia of infection.

In: DOCK, W. und I. SNAPPER (Hrsg.): Advances in internal medicine, The Year Book Publishers Inc., Chicago, **5**, 165-226

CARTWRIGHT, G. E. (1966)

The anemia of chronic disorders.

Semin. Hematol. **3**, 351-375

CASADEVALL, N. (1995)

Cellular mechanism of resistance to erythropoietin.

Nephrol. Dial. Transplant. 10 Suppl. **6**, 27-30

CASH, J. M. und D. A. SEARS (1989)

The anemia of chronic disease: Spectrum of associated diseases in a series of unselected hospitalized patients.

Am. J. Med. **87**, 638-644

CENTER, S. A. (1996)

Hepatic lipidosis, glucocorticoid hepatopathy, vacuolar hepatopathy, storage disorders, amyloidosis and iron toxicosis.

In: GUILFORD, W. G., S. A. CENTER, D. R. STROMBECK, D. A. WILLIAMS und D. J. MEYER (Hrsg.): Small Animal Gastroenterology. W. B. Saunders, Philadelphia, **34**, 766-801

CHERNOW, B. und S. F. WALLNER (1978)

Is the anemia of chronic disorders normocytic-normochromic?

Milit. Med. **143**, 345-346

CHILD, J. A., E. H. COOPER, S. ILLINGWORTH und T. S. WORTHY (1978)

Biochemical markers in Hodgkin`s disease and non-Hodgkin`s lymphoma.

Recent Results Cancer Res. **64**, 180-189

CHRISTIAN, J. A. (2000)

Red blood cell survival and destruction.

In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm`s Veterinary Hematology. 5th ed., Lippincott Williams & Wilkins, Baltimore, **20**, 117-124

CHRISTOPHER, M. (1989)

Relation of endogenous Heinz bodies to disease and anemia in cats: 120 cases (1978-1987).

J. Am. Vet. Med. Assoc. **194**, 1089-1095

CHRISTOPHER, M. M. (2000)

Disorders of feline blood cells.

In: BONAGURA, J. D. (Hrsg.): Kirk`s Current Veterinary Therapy XIII.

W. B. Saunders, Philadelphia, 421-424

CLASTER, S., D. T. Y. CHIU, A. QUINTANILHA und B. LUBIN (1984)

Neutrophils mediate lipid peroxidation in human red cells.

Blood **64**, 1079-1084

COCCIA, M. A., K. COOKE, G. STONEY, J. PISTILLO, J. DEL CASTILLO, D. DURYEY, J. E. TARPLEY und G. MOLINEUX (2001)

Novel erythropoiesis stimulating protein (darbepoetin alfa) alleviates anemia associated with chronic inflammatory disease in a rodent model.

Exp. Hematol. **29** (10), 1201-1209

COENEN, J. L. L. M., M. P. VAN DIEIJEN-VISSER, J. VAN PELT, C. T. B. M. VAN DEURSEN, M. M. F. FICKERS, J. W. J. VAN WERSCH und P. J. BROMBACHER (1991)

Measurements of serum ferritin used to predict concentrations of iron in bone marrow in anemia of chronic disease.

Clin. Chem. **37**, 560-563

CONNER, J. G., P. D. ECKERSALL, J. FERGUSON und T. A. DOUGLAS (1988)

Acute phase response in the dog following surgical trauma.

Res. Vet. Sci. **45** (1), 107-110

CORATO, A., C. R. CHEN, G. MAZZA, R. N. BARKER und M. J. DAY (1997)

Proliferative responses of peripheral blood mononuclear cells from normal dogs and dogs with autoimmune haemolytic anaemia to red blood cell antigens.

Vet. Immunol. Immunopathol. **59** (3-4), 191-204

CORREA, S. S., G. N. MAULDIN, G. E. MAULDIN und S. C. MOONEY (2001)

Serum alpha 1-acid glycoprotein concentration in cats with lymphoma.

J. Am. Anim. Hosp. Assoc. **37** (2), 153-158

CORWIN, H. L. (2001)

Anemia in the critically ill: the role of erythropoietin.

Semin. Hematol. **38** (3) 24-32

COTTER, S. M. (2000)

Non-regenerative anemia.

In: ETTINGER, S. J. und E. C. FELDMAN (Hrsg.): Textbook of veterinary internal medicine. 5th ed., W. B. Saunders Company, Philadelphia, 1804-1816

CRAMER, D. V. und R. M. LEWIS (1972)

Reticulocyte response in the cat.

J. Am. Vet. Med. Assoc. **160**, 61-67

CRAMER, D. V. (1974)

Anemia in the cat.

In: BONAGURA J. D. (Hrsg.): Kirk's Current Veterinary Therapy V. W. B. Saunders Company, Philadelphia, 354-357

CRICHTON, R. R. und M. CHARLOTTEAUX-WAUTERS (1987)

Iron transport and storage.

Eur. J. Biochem. **164**, 485-506

DALLEGRI, F., A. BALLESTRERO, G. FRUMENCO und F. PATRONE (1985)

Erythrocyte lysis by PMA-triggered neutrophil polymorphonuclears: evidence for an hypochlorous acid-dependent process.

Immunology **55**, 639-645

DAUTRY-VARSAT, A. und H. F. LODISH (1985)

How receptors bring proteins and particles into cells.

Sci. Am. **251**, 52-58

DEISS, A. (1993)

Iron metabolism in reticuloendothelial cells.

Seminars in Hematology, **20** (2), 81-90

DENZ, H., D. FUCHS, H. HUBER, D. NACHBAUR, G. REIBNEGGER, J. THALER, E. R. WERNER und H. WACHTER (1990)

Correlation between neopterin, interferon- γ and haemoglobin in patients with haematological disorders.

Eur. J. Haematol. **44**, 186-189

DOUGLAS, S. W. und J. W. ADAMSON (1975)

The anemia of chronic disorders: Studies of marrow regulation and iron metabolism.

Blood **45**, 55-65

- DUNCAN, J. R., K. W. PRASSE und E. A. MAHAFFEY (1994)
Veterinary laboratory medicine, 3rd ed., Iowa State University Press, Ames, Iowa, 112-118
- DUTHIE, S., P. D. ECKERSALL, D. D. ADDIE, C. E. LAWRENCE und O. JARRET (1997)
Value of α 1-acid glycoprotein in the diagnosis of feline infectious peritonitis.
Vet. Rec. **141**, 299-303
- EASTGATE, J. A., N. C. WOOD, F. S. DIGIOVINE, J. A. SYMONS, F. M. GRINLINTON und G. W. DUFF (1988)
Correlation of plasma interleukin 1 levels with disease activity with rheumatoid arthritis.
Lancet **2**, 706-709
- EATON, J. W., P. BRANDT, J. R. MAHONEY and J. T. Jr. LEE (1982)
Haptoglobin: a natural bacteriostat.
Science **215**, 691-3
- ECKERSALL, P. D. (1995)
Acute phase proteins as markers of inflammatory lesions.
Comp. Haematol. Int. **5**, 93-97
- ECKERSALL, P. D. (2002)
Novel biomarkers for inflammation.
Proceedings, 12th ECVIM-CA/ESVIM Congress, Munich, Germany, 57
- ECKHARDT, K.-U., A. KURTZ, H. SCHOLZ und C. BAUER (1989)
Regulation of erythropoietin formation in vivo.
Contrib. Nephrol. **76**, 33-38
- ECKMANN, V. (in Vorbereitung)
Anämien bei der Katze: Inzidenz, Klinik und Diagnose (1998-2000)
Vet. Med. Dissertation, FU Berlin
- ELIN, R. J., S. M. WOLFF und C. A. FINCH (1977)
Effect of induced fever on serum iron and ferritin concentrations in man.
Blood **49**, 147-153
- ERSLEV, A. J. und T. G. GABUZDA (1979)
Pathophysiology of blood.
W. B. Saunders Company, Philadelphia, 23-113
- ERSLEV, A. J. (2001)
Anemia of chronic disease.
In: BEUTLER, E., M. A. LICHTMAN, B. S. COLLER, T. J. KIPPS und U. SELIGSOHN (Hrsg.): Williams Hematology, 6th ed., McGraw-Hill, New York, **41**, 481-487

FAIRBANKS, V. F. und E. BEUTLER (2001a)

Iron deficiency.

In: BEUTLER, E., M. A. LICHTMAN, B. S. COLLER, T. J. KIPPS und U. SELIGSOHN (Hrsg.): Williams Hematology, 6th ed., McGraw-Hill, New York, **38**, 447-470

FAIRBANKS, V. F. und E. BEUTLER (2001b)

Iron Metabolism. In: BEUTLER, E., M. A. LICHTMAN, B. S. COLLER, T. J. KIPPS und U. SELIGSOHN (Hrsg.): Williams Hematology, 6th ed., McGraw-Hill, New York, **24**, 295-304

FAN, L. C., J. L. DORNER und W. E. HOFFMANN (1978)

Reticulocyte response and maturation in experimental acute blood loss anemia in the cat. J. Am. Anim. Hosp. Assoc., **14**, 219-224

FANDREY J., A. HUWILER, S. FREDE, J. PFEILSCHIFTER und W. JELKMANN (1994)

Distinct signaling pathways mediate phorbol-12-myristate-13-acetate-induced and cytokine-induced inhibition of erythropoietin gene expression.

Eur. J. Biochem. **226** (2), 335-340

FAQUIN, W. C., T. J. SCHNEIDER und M. A. GOLDBERG (1992)

Effect of inflammatory cytokines on hypoxia-induced erythropoietin production.

Blood **79**, 1987-1994

FELDMAN, B. F. und J. J. KANEKO (1981)

The anemia of inflammatory disease in the dog. I. The nature of the problem.

Vet. Res. Comm. **4**, 237-252

FELDMAN, B. F., J. J. KANEKO und T. B. FARVER (1981a)

Anemia of inflammatory disease in the dog: ferrokinetics of adjuvant-induced anemia.

Am. J. Vet. Res. **42** (4), 583-585

FELDMAN, B. F., J. J. KANEKO und T. B. FARVER (1981b)

Anemia of inflammatory disease in the dog: availability of storage iron in inflammatory disease.

Am. J. Vet. Res. **42** (4), 586-589

FELDMAN, B. F., J. J. KANEKO und T. B. FARVER (1981c)

Anemia of inflammatory disease in the dog: clinical characterization.

Am. J. Vet. Res. **42** (7), 1109-1113

FELDMAN, B. F., C. L. KEEN, J. J. KANEKO und T. B. FARVER (1981d)

Anemia of inflammatory disease in the dog: Measurement of hepatic superoxide dismutase, hepatic nonheme iron, copper, zinc, and ceruloplasmin and serum iron, copper and zinc.

Am. J. Vet. Res., **42** (7), 1114-1117

FERNANDEZ, F. R. und C. L. GRINDEM (2000)

Reticulocyte response.

In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm`s Veterinary Hematology, 5th ed., Lea und Febiger, Philadelphia, 110-116

FINCH, C. A. und J. D. COOK (1984)

Iron deficiency.

Am. J. Clin. Nutr. **39**, 471-477

FINCH, C. A. und H. A. HUEBERS (1985)

Iron metabolism.

Metal. Metab. Dis. **4**, 5-10

FUCHS, D., R. ZANGERLE, E. ARTNER-DIVORZAK, G. WEISS P. FRITSCH, G. P. TILZ, M. P. DIERICH und H. WACHTER (1993)

Association between immune activation, changes of iron metabolism and anaemia in patients with HIV infection.

Eur. J. Haematol. **50**, 90-94

FULTON, R., M. G. WEISER, J. L. FRESHMAN, P. W. GASPER und M. J. FETTMAN (1988)

Electronic and morphologic characterization of erythrocytes of an adult cat with iron deficiency anemia.

Vet. Pathol. **25** (6), 521-523

GANROT, K. (1973)

Plasma protein response in experimental inflammation in the dog.

Res. Exp. Med. **161** (4), 251-261

GASCHE, C., M. C. LOMER, I. CAVILL und G. WEISS (2004)

Iron, anaemia, and inflammatory bowel diseases.

Gut **53**, 1190-1197

GIGER, U. (2000a)

Regenerative anemias caused by blood loss or hemolysis.

In: ETTINGER, S. J. and E. C. FELDMAN (Hrsg): Textbook of Veterinary Internal Medicine, 5th ed., W. B. Saunders Company, Philadelphia, **2**, 1784-1804

GIGER, U. (2000b)

Hereditary blood diseases.

In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN: Schalm`s Veterinary Hematology, 5th ed., Lea und Febiger, Philadelphia, **145**, 955-959

GIORDANO, A., V. SPAGNOLO, A. COLOMBO und S. PALTRINIERI (2004)

Changes in some acute-phase-protein and immunoglobulin concentrations in cats affected by feline infectious peritonitis or exposed to feline coronavirus infection.

Vet. J. **167** (1), 38-44

- GOLDWASSER, E., L. O. JACOBSON, W. FRIED und L. F. PLZAK (1958)
Studies on erythropoiesis. V. The effects of cobalt on the production of erythropoietin.
Blood **13**, 55-60
- GOUFFAUX, M., P.-P. PASTORET, M. HENTROTEAUX und A. MASSIP (1975)
Feline infectious peritonitis. Protein of plasma and ascitic fluid.
Vet. Pathol. **12**, 335-348
- GREENDYKE, R. M., K. SHARMA und F. R. GIFFORD (1994)
Serum levels of erythropoietin and selected other cytokines in patients with anemia of chronic disease.
Am. J. Clin. Pathol. **101** (3), 338-341
- GREGG, A. D (2000)
Cytokine regulation of hemopoiesis.
In: FELDMAN, B. F., J. G. ZINKL, N. C. JAIN (Hrsg.): *Schalm`s Veterinary Hematology*,
5th ed., Lippincott Williams & Wilkins, Baltimore, **15**, 86-90
- GRISHAM, M. B., M. M. JEFFERSON und E. L. THOMAS (1984)
Role of monochloramine in the oxidation of erythrocyte hemoglobin by stimulated neutrophils.
J. Biol. Chem. **259**, 6757-6765
- GUBLER, C. J., G. E. CARTWRIGHT und M. M. WINTROBE (1950)
The effect of infection on the absorption and storage of iron by the rat. In: *The anemia of infection*. X.
J. Biol. Chem. **184**, 563-574
- GUNN-MOORE, D. A., M. J. DAY, M. E. A. GRAHAM, S. M. CUE und D. A. HARBOUR (1999)
Immune-mediated haemolytic anaemia in two sibling cats associated with multicentric lymphoblastic infiltration.
J. Fel. Med. and Surg. **1**, 209-214
- HAMILTON, M. N. und S. J. EDELSTEIN (1974)
Cat hemoglobin. PH dependence of cooperativity and ligand binding.
J. Biol. Chem. **249**, 1323-1329
- HANSEN, N. E. (1983)
The anemia of chronic disorders: A bag of unsolved questions.
Scand. J. Haematol. **31** (5), 397-402
- HARRIS, J. W. und R. W. KELLERMEYER (1970)
The red cell, production, metabolism, destruction: Normal and abnormal.
Harvard University Press, Cambridge, Mass.

HARVEY, J. W. (1976)

Quantitative determinations of normal horse, cat and dog haptoglobins.
Theriogenology **6** (2-3), 133-138

HARVEY, J. W. und J. J. KANEKO (1976)

Oxidation of human and animal haemoglobins with ascorbate, acetylphenylhydrazine, nitrite and hydrogen peroxide.
Br. J. Haematol. **32** (2), 193-203

HARVEY, J. W. (1978)

Feline haptoglobin.
Am. J. Vet. Res. **39** (4), 549-553

HARVEY, J. W. und J. M. GASKIN (1980)

Idiopathic thrombocytopenia and hemorrhage followed by thrombocytosis in a cat.
Feline Pract. **10**, 25-31

HARVEY, J. W. (1981)

Myeloproliferative disorders in dogs and cats.
Vet. Clin. North Am. Small Anim. Pract. **11** (2), 349-381

HARVEY, J. W., T. W. FRENCH und D. J. MEYER (1982)

Chronic iron deficiency anemia in dogs.
J. Am. Anim. Hosp. Assoc. **18**, 946-960

HARVEY, J. W. und C. L. WEST (1987)

Prednisone-induced increases in serum α_2 -globulin and haptoglobulin concentration in dogs.
Vet. Pathol. **24**, 90-92

HARVEY, J. W. (1997)

The erythrocyte: Physiology, metabolism and biochemical disorders.
In: KANEKO J. J., J. W. HARVEY und K. L. BRUSS (Hrsg.): Clinical Biochemistry of Domestic Animals, 5th ed., Academic Press, New York, 157-203

HARVEY, J. W. (1998)

Hemobartonellosis.
In: GREENE, C. E. (Hrsg.): Infectious disease in the dog and cat.
W. B. Saunders Company, Philadelphia, 166-171

HARVEY J. W. (2000)

Microcytic anemias.
In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm`s Veterinary Hematology.
Lippincott Williams & Wilkins, Baltimore, 200-204

HASTKA, J., J. J. LASSERRE, A. SCHWARZBECK, M. STRAUCH und R. HEHLMANN (1993)

Zinc protoporphyrin in anemia of chronic disorders.
Blood **81** (5), 1200-1204

HAURANI, F. I., D. GREEN und K. YOUNG (1965)

Iron absorption in hypoferremia.
Am. J. Med. **249**, 537-547

HENRY, D. A., G. N. BEALL, C. A. BENSON, J. CAREY, L. A. CONE, L. J. ERON, M. FIALA, M. A. FISCHL, S. J. GABIN und M. S. GOTTLIEB (1992)

Recombinant human erythropoietin in the treatment of anaemia associated with human immunodeficiency virus (HIV) infection and zidovudine therapy. Overview of four clinical trials.

Ann. Intern. Med. **117**, 139-748

HERSHKO, C., J. D. COOK und C. A. FINCH (1974)

Storage iron kinetics. VI. The effect of inflammation on iron exchange in the rat.
Br. J. Hematol. **28** (1), 67-75

HOBISCH-HAGEN, P., F. WIEDERMANN, A. MAYR, D. FRIES, W. JELKMANN, D. FUCHS, W. HASIBEDER, N. MUTZ, A. KLINGLER und W. SCHOBERSBERGER (2001)

Blunted erythropoietic response to anemia in multiply traumatized patients.
Crit. Care Med. **29** (4), 743-747

HORINA, J. H., W. PETRITSCH, C. R. SCHMID, G. REICHT, H. WENZL, H. SILLY und G. J. KREJS (1993)

Treatment of anaemia in inflammatory bowel disease with recombinant human erythropoietin: Results in three patients.

Gastroenterology **104** (6), 1828-1831

HUEBERS, H., E. SCIBA, E. HUEBERS und C. A. FINCH (1985)

Molecular advantage of diferric transferrin in delivering iron to reticulocytes: A comparative study.

Proc. Soc. Exp. Biol. Med. **179**, 222-226

JACKSON, S. und B. C. MORRIS (1961)

Enhancement of growth of Pasteurella pestis and other bacteria in serum by the addition of iron.

Brit. J. Exp. Path. **42**, 363-368

JAIN, N. C. (1973)

Osmotic fragility of erythrocytes in dogs and cats in health and in certain hematologic disorders.

Cornell Vet. **63**, 411-423

JAIN, N. C. und J. W. SWITZER (1981)

Autoimmune thrombocytopenia in dogs and cats.

Vet. Clin. North Am. 11 (2), 421-434

JAIN, N. C. (1986a)

Hemoglobin synthesis and destruction.

In: Schalm`s Veterinary Hematology, 4th ed., Lea und Febiger, Philadelphia, 514-526

JAIN, N. C. (1986b)

The erythrocyte: Its morphology, metabolism and survival.

In: Schalm`s Veterinary Hematology, 4th ed., Lea und Febiger, Philadelphia, 527-562

JAIN, N. C. (1986c)

Blood loss or hemorrhagic anemias.

In: Schalm`s Veterinary Hematology, 4th ed., Lea und Febiger, Philadelphia, 577-588

JAIN, N. C. (1993a)

Erythrocyte physiology and changes in disease.

In: Essentials of veterinary hematology, Lea und Febiger, Philadelphia, 133-158

JAIN, N. C. (1993b)

Depression or hypoproliferative anemia.

In: Essentials of veterinary hematology, Lea und Febiger, Philadelphia, 210-221

JANDL, J. H. (1966)

The pathophysiology of hemolytic anemias. A foreword.

Am. J. Med. **41** (5), 657-665

JELKMANN, W. (1992)

Erythropoietin: Structure, control of production, and function.

Physiol. Rev. **72**, 449-489

JELKMANN, W., H. PAGEL, M. WOLFF und J. FANDREY (1992)

Monokines inhibiting erythropoietin production in human hepatoma cultures and isolated perfused rat kidneys.

Life Sci. **50** (4), 301-308

JELKMANN, W. E. B., J. FANDREY, S. FREDE und H. PAGEL (1994)

Inhibition of erythropoietin production by cytokines. Implications for the anemia involved in inflammatory states.

Ann. N. Y. Acad. Sci. **718**, 300-309

JELKMANN, W. (1998)

Proinflammatory cytokines lowering erythropoietin production.

J. Interferon Cytokine Res. **18** (8), 555-559

JOHNSON, C. S., D. J. KECKLER, M. I. TOPPER, P. G. BRAUNSCHWEIGER und P. FURMANSKI (1989a)

In vitro hematopoietic effects of recombinant interleukin-1 α in mice: stimulation of granulocytic, monocytic, megakaryocytic, and early erythroid progenitors, suppression of late-stage erythropoiesis, and reversal of erythroid suppression with erythropoietin.

Blood **73**, 678-683

JOHNSON, R. A., T. A. WADDELOW, J. CARO, A. OLIFF und G. D. ROODMAN (1989b)

Chronic exposure to tumor necrosis factor in vivo preferentially inhibits erythropoiesis in nude mice.

Blood **74**, 130-138

JURADO, R. L (1997)

Iron, infections and anemia of inflammation.

Clin. Infect. Dis. **25**, 888-895

KAJIKAWA T., A. FURUTA, T. ONISHI, T. TAJIMA und S. SUGII (1999)

Changes in concentrations of serum amyloid A protein, alpha 1-acid glycoprotein, haptoglobin, and C-reactive protein in feline sera due to induced inflammation and surgery.

Vet. Immunol. Immunopathol. **68** (1), 91-98

KAMPSCHMIDT R. F. und H. UPCHURCH (1969)

Lowering of plasma iron concentration in the rat with leukocytic extracts.

Am. J. Physiol. **216**, 1287-1291

KAMPSCHMIDT R. F. und L. A. PULLIAM (1975)

Stimulation of antimicrobial activity in rats with leukocytic endogeneous mediators.

J. Reticuloendothel. Soc. **17**, 162-169

KANEKO, J. J., R. A. GREEN und A. S. MIA (1966)

Erythrocyte survival in the cat as determined by glycine-2-C14.

Proc. Soc. Exp. Biol. Med. **77**, 783-784

KANEKO, J. J. (1989)

Serum proteins and the dysproteinemias.

In: KANEKO J. J., J. W. HARVEY und K. L. BRUSS (Hrsg.): Clinical Biochemistry of Domestic Animals, 4th ed., Academic Press, San Diego, 142-165

KANEKO, J. J. (2000)

Hemoglobin synthesis and destruction.

In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm`s Veterinary Hematology. 5th ed., Lea und Febiger, Philadelphia, 135-139

KARLE, H. (1969)

Destruction of erythrocytes during experimental fever.

Acta Med. Scand. **186**, 349-359

KARLE, H. (1974)

The pathogenesis of anaemia of chronic disorders and fever in erythrokinetics.
Scand. J. Haematol. **13**, 81-86

KENDALL, R., A. WASTI, A. HARVEY, J. HILL, C. CHAPMAN, D. R. NORFOLK und T. PULLAR (1993)

The relationship of haemoglobin to serum erythropoietin concentrations in the anaemia of rheumatoid arthritis: the effect of oral prednisolone.
Br. J. Rheumatol. **32** (3), 204-208

KIER, A. B. und C. E. GREENE (1998)

Cytauxzoonosis.

In: Greene, C. E. (Hrsg.): Infectious Diseases in the dog and cat.
2nd ed., W. B. Saunders Company, Philadelphia, 470-473

KOCHAN, I. (1964)

Mechanism of tuberculostasis in mammalian serum. I. Role of transferrin in human serum tuberculostasis.

J. Infect. Dis. **119**, 11-18

KOHN, B., M. H. GOLDSCHMID, A. E. HOHENHAUS und U. GIGER (2000)

Anemia, splenomegaly, and increased osmotic fragility of erythrocytes in Abyssinian and Somali cats.

J. Am. Vet. Med. Assoc. **217** (10), 1483-1491

KOHN, B. (2001)

Erythrozytenstudien bei gesunden und anämischen Katzen. Physiologische Besonderheiten des felinen Hämoglobins-Differentialdiagnose von Anämien bei der Katze unter besonderer Berücksichtigung hämolytischer Anämien-Blutgruppenbestimmung und Transfusionsmedizin bei der Katze.

Habilitationsschrift, FU Berlin, 1-286

KOHN, B, C. WEINGART, U. GIGER (2003)

Haemorrhage in 7 cats with suspected anticoagulant rodenticide intoxication.

J. Fel. Med. and Surg., 5 (5), 295-304

KONIJN, A. M. und C. HERSHKO (1977)

Ferritin synthesis in inflammation. I. Pathogenesis of impaired iron release.

Br. J. Haematol. **37**, 7-16

KOUTINAS, A. F., W. H. MILLER, M. KRITSEPI und S. LEKKAS (1993)

Pansteatitis (Steatitis, „Yellow Fat Disease“) in the cat: A review article and report of four spontaneous cases.

Vet. Dermat. **3** (3), 101-106

KRAFT, W. und U. M. DÜRR (1999)

Referenzbereiche.

In: KRAFT, W. und U. M. DÜRR (Hrsg.): Klinische Labordiagnostik in der Tiermedizin.
Schattauer, Stuttgart, 344-365

KRAFT, W., U. M. DÜRR, M. FÜLL, H. BOSTEDT und K. HEINRITZI (1999)

Hämatologie.

In: KRAFT, W. und U. M. DÜRR (Hrsg.): Klinische Labordiagnostik in der Tiermedizin.
Schattauer, Stuttgart, 43-77

KRAFTE-JACOBS B., M. L. LEVETOWN, G. L. BRAY, U. E. RUTTEMANN und M. M. POLLACK (1994)

Erythropoietin response to critical illness.

Crit. Care Med. **22** (5), 821-826

KRAFTE-JACOBS B. und G. H. BOCK (1996)

Circulating erythropoietin and interleukin-6 concentrations increase in critically ill children with sepsis and septic shock.

Crit. Care Med. **24**, 1455-1459

KRANTZ, S. B., F. WOLFE, I. J. RUSSELL, R. T. MEANS, J. A. und BOCCAGNO (1991)

Recombinant human erythropoietin (Epoetin alfa) in patients with the anaemia of chronic disease. In: ERSLEV A. J., J. W. ADAMSON, J. W. ESCHBACH und C. G. WINEARLS (Hrsg.): Erythropoietin: Molecular, Cellular and Clinical Biology.

The Johns Hopkins University Press, Baltimore, 404-418

KRANTZ, S. B. (1994)

Pathogenesis and treatment of the anemia of chronic disease

Am. J. Med. Sciences **307** (5), 353-359

KRANTZ, S. B. (1995)

Erythropoietin and the anaemia of chronic disease.

Nephrol. Dial. Transplant. Suppl. **2**, 10-17

KURNICK, M. J. E., H. P. WARD und J. C. PICKETT (1972)

Mechanism of the anemia of chronic disorders. Correlation of hematocrit value with albumin, vitamin B12, transferrin and iron stores.

Arch. Intern. Med. **130**, 323-326

KURTZMANN, G. J., L. PLATANIAS, L. LUSTIG, N. FRICKHOFEN und N. S. YOUNG (1989)

Feline parvovirus propagates in cat bone marrow cultures and inhibits hematopoietic colony formation in vitro.

Blood **74** (1), 71-81

LEBRETON, J. P., F. JOISEL, J. P. RAOULT, B. LANNUZEL, J. P. ROGEZ und G. HUMBERT (1979)

Serum concentration of human alpha₂ HS glycoprotein during the inflammatory process.
J. Clin. Invest. **64**, 1118-1129

LEE, G. R. (1983)

The anemia of chronic disease.
Semin. Hematol. **20** (2), 61-80

LEIBOLD, E. A. und B. GUO (1992)

Iron-dependent regulation of ferritin and transferrin receptor expression by the iron-responsive element binding-protein.
Ann. Rev. Nutr. **12**, 35-368

LIBERT, C., P. BROUCKAERT und W. FIERS (1994)

Protection by alpha 1-acid glycoprotein against tumor necrosis factor-induced lethality.
J. Exp. Med. **180**, 1571-1575

LINDEN, T. (in Vorbereitung)

Ursachen und diagnostische Aspekte der felinen Thrombozytopenie.
Vet. Med. Dissertation, FU Berlin

LIPSCHITZ, D. A., J. D. COOK und C. A. FINCH (1974)

A clinical evaluation of serum ferritin as an index of iron stores.
N. Engl. J. Med. **290**, 1213-1216

LOBETTI, R. G., A. J. MOHR, T. DIPPENAAR und E. MYBURGH (2000)

A preliminary study on the serum protein response in canine babesiosis.
J. S. Afr. Vet. Assoc. **71** (1), 38-42

LUCROY, M. D., M. M. CHRISTOPHER, S. A. KRAEGEL, E. R. SIMONSON und B. R. MADEWELL (1998)

Anemia associated with canine lymphoma.
Comp. Haematol. Int. **8**, 1-6

LUKENS, J. N., G. E. CARTWRIGHT und M. M. WINTROBE (1967)

Anemia of adjuvant-induced inflammation in rats.
Proc. Soc. Exp. Biol. Med. **126**, 346-349

LUKENS J. N. (1973)

Control of erythropoiesis in rats with adjuvant-induced chronic inflammation.
Blood **41**, 37-44

MACIEJEWSKI, J. P., C. SELLERI, T. SATO, H. J. CHO, L. K. KEEFER, C. F. NATHAN und N. S. YOUNG (1995)

Nitric oxide suppression of human hematopoiesis in vitro. Contribution to inhibitory action of interferon- γ and tumor necrosis factor- α .

J. Clin. Invest. **96**, 1085-1092

MAEDE, Y. und R. HATA (1975)

Studies of feline haemobartonellosis. II. The mechanism of anemia produced by infection with Haemobartonella felis.

Jpn. J. Vet. Sci. **37** (1), 49-54

MADEWELL, B. R. und B. F. FELDMAN (1980)

Characterization of anemias associated with neoplasia in small animals.

J. Am. Vet. Med. Assoc. **176**, 419-425

MAHAFFEY, E. A. und J. E. SMITH (1978)

Depression anemia in cats.

Feline Practice **8** (5), 19-22

MAHAFFEY, E. A. (1986)

Disorders of iron metabolism.

In: BONAGURA, J. D.: Kirk's Current Veterinary Therapy IX.

W. B. Saunders Company, Philadelphia, 521-524

MAHMOOD, T., W. A. ROBINSON und R. VAUTRIN (1977)

Granulopoietic and erythropoietic activity in patients with anemia of iron deficiency and chronic disease.

Blood **50** (3), 449-455

MAKIMURA, S. und N. SUZUKI (1982)

Quantitative determination of bovine serum haptoglobin and its elevation in some inflammatory diseases.

Jpn. J. Vet. Sci. **44** (1), 15-21

MAKINDE, M. O. und P. A. BOBADE (1994)

Osmotic fragility of erythrocytes in clinically normal dogs and dogs infected with parasites.

Res. Vet. Sci. **57** (3), 343-348

MALACHI, T., E. BOGIN, U. GAFTER und J. LEVI (1986)

Parathyroid effect on the fragility of human young and old red blood cells in uremia.

Nephron **42**, 52-57

MARTINEZ, J. (1990)

Microangiopathic hemolytic anemia. In: WILLIAMS, W. J., E. BEUTLER, A. J. ERSLEV und M. A. LICHTMAN (Hrsg): Hematology, 4th ed., McGraw-Hill, New York, 657-661

MARTINEZ-SUBIELA, S., L. J. BERNAL und J. J. CERON (2003)

Serum concentrations of acute-phase proteins in dogs with leishmaniosis during short-term treatment.

Am. J. Vet. Res. **64** (8), 1021-1026

MAURY, C. P. J. (1985)

Comparative study of serum amyloid A protein and C-reactive protein in disease.

Clin. Sci. **68**, 233-238

MAURY, C. P. J., L. C. ANDERSSON, A. M. TEPPPO, S. PARTANEN und E. JUVONEN (1988)

Mechanism of the anemia in rheumatoid arthritis: Demonstration of raised interleukin 1 β concentrations in anemic patients and of interleukin 1 mediated suppression of normal erythropoiesis and proliferation of human erythroleukemia (HEL) cells in vitro.

Ann. Rheum. Dis. **47**, 972-978

MEANS, R. T. Jr., N. J. OLSEN, S. B. KRANTZ, E. N. DESSYPRIS, S. E. GRABER, W. J. STONE, V. L. O'NEIL und T. PINCUS (1989)

Treatment of the anaemia of rheumatoid arthritis with recombinant human erythropoietin: Clinical and in vitro studies.

Arthritis Rheum. **32** (5), 638-642

MEANS, R. T. Jr., E. N. DESSYPRIS und S. P. KRANTZ (1990)

Inhibition of human erythroid colony-forming-units by tumor necrosis factor requires accessory cells.

J. Clin. Invest. **86** (2), 538-541

MEANS, R. T. und S. B. KRANTZ (1992)

Progress in understanding the pathogenesis of the anemia of chronic disease.

Blood **80** (7), 1639-1647

MEANS, R. T. Jr., E. N. DESSYPRIS und S. B. KRANTZ (1993)

Inhibition of human erythroid colony-forming units by tumor necrosis factor requires beta interferon.

Clin. Invest. **91** (2), 416-419

MEANS, R. T. Jr. (1994)

Clinical application of recombinant erythropoietin in the anemia of chronic disease.

Hematol. Oncol. Clin. North. Am. **8** (5), 933-944

MERRIMAN, C. R., L. A. PULLIAM und R. F. KAMPSCHMIDT (1977)

Leukocyte pyrogen and leukocytic endogeneous mediators.

Proc. Soc. Exp. Biol. Med. **154**, 224-227

MIKOLAJEW, M., Z. KURATOWSKA, M. KOSSAKOWSKA, M. PLACHECKA und M. KOPEC (1969a)

Haematological changes in adjuvant disease in the rat. I. Peripheral blood and bone marrow after repeated injections of Freund`s adjuvant.

Ann. Rheum. Dis. **28** (1), 35-40

MIKOLAJEW, M., Z. KURATOWSKA, M. KOSSAKOWSKA, M. PLACHECKA und M. KOPEC (1969b)

Haematological changes in adjuvant disease in the rat. II. Iron metabolism and ⁵¹Cr erythrocyte survival.

Ann. Rheum. Dis. **28** (2), 172-179

MILLER, C. B., R. J. JONES, S. PIANTADOSI, M. D. ABELOFF und J. L. SPIVAK (1990)

Decreased erythropoietin response in patients with anemia of cancer.

N. Engl. J. Med. **322** (24), 1689-1692

MORANT, R., L. BACCHUS, J. MEYER und W. F. RIESEN (1994)

Tumor-induced anemia and markers of inflammation (Tumoranämie und Entzündungsmarker).

Schweiz. Med. Wochenschr. **124** (50), 2267-2271

MORITZ, A. und C. HOFFMANN (1997)

Thrombozytenzählung bei der Katze.

Tierärztl. Prax. **25**, 695-700

MURPHY, E. A., A. L. BELL, J. WOJTULEWSKI, M. BRZESKI, R. MADHOK und H. A. CABELL (1994)

Study of erythropoietin in treatment of anemia in patients with rheumatoid arthritis.

B.M.J. **309**, 1337-1338

MYERS, S., K. WIKS und U. GIGER (1995)

Macrocytic anemia caused by naturally-occurring folate deficiency in the cat.

Vet. Pathol. **32**, 547

NEIDHART, M., P. BRÜHLMANN, S. GAY und B. A. MICHEL (1998)

Activation of CD4+ and CD8+ T-lymphocytes in bone marrow associated with reduced erythropoiesis in patients with chronic inflammation and anemia.

Schweiz. Med. Wochenschr. **128** (42), 1618-1623

NIMEH, N. und R. C. BISHOP (1980)

Disorders of iron metabolism.

Med. Clin. North Am. **64**, 631-65

NISSENSON, A., S. NIMER und D. WOLCOTT (1991)

Recombinant human erythropoietin and renal anemia: Molecular biology, clinical efficacy, and nervous system effects.

Ann. Intern. Med. **114**, 402-416

NORDSTRÖM, D., Y. LINDROTH, L. MARSAL, I. HAFSTRÖM, C. HENRICH, S. RANTAPÄÄ-DAHLQVIST, A. ENGSTRÖM-LAURENT, F. FYHRQUIST und C. FRIMAN (1997)

Availability of iron and degree of inflammation modifies the response to recombinant human erythropoietin when treating anemia of chronic disease in patients with rheumatoid arthritis.

Rheumatol. Int. **17**, 67-73

NOYES, W. D., T. H. BOTHWELL und C. A. FINCH (1960)

The role of the reticulo-endothelial cell in iron metabolism.

Br. J. Haematol. **6**, 43-55

NUNOKAWA, Y., T. FUJINAGA, T. TAIRA, M. OKUMURA, K. YAMASHITA, N. TSUNODA und M. HAGIO (1993)

Evaluation of serum amyloid A protein as an acute-phase protein in horses.

J. Med. Sci. **55**, 1011-1016

OLDENBURG, B., J. C. KONINGSBERGER, G. P. VAN BERGE HENEGOUWEN, B. S. VAN ASBECK und J. J. M. MARX (2001)

Iron and inflammatory bowel disease.

Alimentary Pharmacology & Therapeutics **15** (4), 429-438

OWEN, J. A., R. SMITH, R. PADANYI und J. MARTIN (1964)

Serum haptoglobin in disease.

Clin. Sci. **26**, 1-6

PALEK, J. und P. JAROLIM (1995)

Red cell membrane disorders.

In: HOFFMAN, R., E. J. BENZ, S. J. SHATTIL, B. FURIE, H. J. COHEN und L. E. SILBERSTEIN (Hrsg.): Hematology. Basic Principles and Practice, Churchill Livingstone, New York, 667-709

PAPADAKI, H. A., D. G. ELIOPOULOS, V. VALATAS und G. D. ELIOPOULOS (2001)

Anemia of chronic disease is the more frequent type of anemia seen in patients with chronic idiopathic neutropenia of adults.

Ann. Hematol. **80**, 195-200

PARKER, C. J. und J. FOERSTER (1999)

Mechanism of immune destruction of erythrocytes.

In: LEE, R. G. (Hrsg.): Wintrobe's Clinical Hematology.

10th ed., Williams & Wilkins, Baltimore, 1191

- PARPART, A. K., P. B. LORENZ, E. R. PARPART, J. R. GREGG und A. M. CHASE (1947)
The osmotic resistance of human red cells.
J. Clin. Invest. **26**, 636-640
- PEPYS, M. B. und M. L. BALTZ (1983)
Acute phase protein with special reference to C-reactive protein and related proteins (pentaxins) and serum amyloid A protein.
Adv. Immunol. **34**, 141-212
- PERKINS, P. C., C. B. GRINDEM und L. D. CULLINS (1995)
Flow cytometric analysis of punctate and aggregate reticulocyte responses in phlebotomized cats.
Am. J. Vet. Res. **56** (12), 156-1569
- PERSON, J. M., M. SICARD und J. L. PELLERIN (1997)
Les amies hemolytiques auto-immunes chez le chat: etude clinique et immunopathologique de cinq cas.
Revue Med. Vet. **148** (2), 107-114
- PETERSON, M. E., D. S. GRECO und D. N. ORTH (1989)
Primary hypoadrenocorticism in ten cats.
J. Vet. Intern. Med. **3**, 55-58
- PETTERSSON, T., K. ROSENLÖF, C. FRIMAN, A. MICKOS und F. FYHRQUIST (1993)
Successful treatment of the anemia of rheumatoid arthritis with subcutaneously administered recombinant human erythropoietin. Slower response in patients with more severe inflammation.
Scand. J. Rheumatol. **22**, 188-193
- PETTERSSON, T., S. M. KIVIVUORI und M. A. SIIMES (1994)
Is serum transferrin receptor useful for detecting iron-deficiency in anaemic patients with chronic inflammatory diseases?
Br. J. Rheumatol. **33** (8), 740-744
- PINCUS, T., N. J. OLSEN, I. J. RUSSELL, F. WOLFE, E. R. HARRIS, T. J. SCHNITZER, J. A. BOCCAGNO und S. B. KRANTZ (1990)
Multicenter study of recombinant human erythropoietin in correction of anemia in rheumatoid arthritis.
Am. J. Med. **89**, 161-168
- REISSMANN, K. R. und K. B. UDUPA (1978)
Effect of inflammation on erythroid precursors (BFU-R and CFU-E) in bone marrow and spleen of mice.
J. Lab. Clin. Med. **92**, 22-29

RICHTER, J., T. ANDERSON und I. OLSON (1989)

Effect of tumor necrosis factor and granulocyte / macrophage colony-stimulating factor on neutrophil degranulation.

J. Immunol. **142**, 3199-3205

RIGBY, P. G., H. STRASSER, C. P. EMERSON, A. BETTS und G. H. FRIEDEL (1962)

Studies in the anemia of inflammatory states. I. Erythrocyte survival in dogs with acute and chronic turpentine abscesses.

J. Lab. Clin. Med. **59**, 244-248

ROGERS, J., G. DURMOWICS, K. KASSCHAU, L. LACROIX und K. BRIDGES (1991)

A motif with the 5' non-coding regions of acute phase mRNAs mediates ferritin translation by IL-1 β and may contribute to the anemia of chronic disease.

Blood **367a**, Suppl. 1

ROGERS, K. S. (2000)

Anemia.

In: S. J. ETTINGER und E. C. FELDMAN (Hrsg.): Textbook of Veterinary Internal Medicine. 5th ed., W. B. Saunders Company, Philadelphia, **1**, 198-203

ROGIER, P., H. ZHANG, M. LEEMAN, J. NAGLER, H. NEELS, C. MELOT und J. L. VINCENT (1997)

Erythropoietin response is blunted in critically ill patients.

Intensive Care Med. **23** (2), 159-162

ROLEFF, S. (2004)

Klinische Evaluierung des automatischen Blutzellgerätes CA530-Vet durch Vergleich mit dem CellDyn 3500 und Standardmethoden für die Tierarten Hund, Katze und Pferd.

Vet. Med. Dissertation, FU Berlin

ROODMAN, G. D. (1978)

Mechanisms of erythroid suppression in the anemia of chronic disease.

Blood Cells **13**, 171-184

ROODMAN, G. D., A. BIRD, D. HUTZLER und W. MONTGOMERY (1987)

Tumor necrosis factor-alpha and hematopoietic progenitors: Effects of tumor necrosis factor on the growth of erythroid progenitors CFU-E and BFU-E and the hematopoietic cell lines K567, HL60 and HEL cells.

Exp. Hematol. **15** (9), 928-935

SAITO, T., A. KUWAHARA, K. SHIMODA, T. KINOSHITA, K. SATO, M. MIYAHARA und M. KOBAYASHI (1991)

Factors influencing the acute phase protein levels in patients with esophageal cancer.

Jpn. J. Surg. **21** (4), 402-411

SCHEPPER, J. DE, J. VAN DER STOCK, E. CAPIAU, J. DE SCHEPPER und J. VAN DER STOCK (1985)

Morphological and biochemical blood profile in 96 dogs with post oestrus endometritis (pyometra). *Vlaams-Diergeneeskundig-Tijdschrift* **54** (6), 455-462

SCHLAG, G. und H. REDL (1996)

Mediators of injury and inflammation.

World J. Surg. **20**, 406-419

SCHOOLEY, J. C., B. KULLGREN und A. C. ALLISON (1987)

Inhibition by interleukin-1 of the action of erythropoietin on erythroid precursors and its possible role in the pathogenesis of hypoplastic anaemias.

Br. J. Haematol. **67**, 11-17

SEARS, D. A. (1992)

Anemia of chronic disease.

Med. Clin. North Am. **76**, 567-579

SELLERI, C., T. SATO, S. ANDERSON, N. S. YOUNG und J. P. MECIEJEWSKI (1995)

Interferon- γ and tumor necrosis factor- α suppress both early and late stages of hematopoiesis and induce programmed cell death.

J. Cell. Phys. **165**, 538-546

SELTING, K. A., G. K. OGILVIE, S. E. LANA, M. J. FETTMAN, K. L. MITCHENER, R. A. HANSEN, K. L. RICHARDSON, J. A. WALTON und M. A. SCHERK (2000)

Serum alpha 1-acid glycoprotein concentrations in healthy and tumor-bearing cats.

J. Vet. Intern. Med. **14**, 503-506

SINGER, J. A., L. K. JENNINGS, C. W. JACKSON, M. E. DOCKTER, M. MORRISON und W. S. WALKER (1986)

Erythrocyte homeostasis: antibody mediated recognition of the senescent state by macrophages.

Proc. Natl. Acad. Sci. **83** (15), 5498-5501

SMITH, R. J., S. C. SPEZIALE und B. J. BOWMAN (1985)

Properties of interleukin-1 as a complete secretagogue for human neutrophils.

Biochem. Biophys. Res. Commun. **130**, 1233-1240

SMITH, J. E. (1992)

Iron metabolism in dogs and cats.

Comp. Cont. Ed. **14**, 39-43

SMITH, J. E. (1997)

Iron metabolism and its disorders.

In: KANEKO, J. J., J. W. HARVEY und M. L. BRUSS (Hrsg.): *Clinical Biochemistry of Domestic Animals*, 5th ed., Academic Press, San Diego, 223-229

- SMITH, J. E., P. S. CHAVEY und G. A. ANDREWS (1998)
Semiautomatic and robotic methods for determining serum haptoglobin levels.
Vet. Clin. Pathol. **27** (1), 11-14
- SODIKOFF, C. H. und M. A. CUSTER (1966)
Secondary autoimmune hemolytic anemia in cats.
Animal Hospital **2**, 20-23
- SOLTER, P. F., W. E. HOFFMANN, L. L. HUNGERFORD, J. P. SIEGEL, S. H. DENIS und J. L. DORNER (1991)
Haptoglobin and ceruloplasmin as determinants of inflammation in dogs.
Am. J. Vet. Res. **52** (10), 1738-1742
- STANLEY, A. J., H. C. HOPPA und A. A. HELLBAUM (1946)
Observation on cobalt polycythemia. I. Studies on the peripheral blood of rats.
Proc. Soc. Exp. Biol. Med. **61**, 130-133
- STAMATIADIS, A. P., M. ST TOUMANIDOU, G. P. VYSSOULIS, A. J. MANOURAS und N. S. APOSTOLIDIS (1990)
Value of serum acute-phase reactant proteins and carcinoembryonic antigen in the preoperative staging of colorectal cancer. A multivariate analysis.
Cancer **65** (9), 2055-2057
- STODDART, M. E., J. T. WHICHER und D. A. HARBOUR (1988)
Cats inoculated with feline infectious peritonitis virus exhibit a biphasic acute phase plasma protein response.
The Veterinary Record **12**, 622-624
- STOHLMAN, F. Jr., D. HOWARD und A. BELAND (1963)
Humoral regulation of erythropoiesis. XII. Effect of erythropoietin and iron on cell size in iron deficiency anemia.
Proc. Soc. Exp. Biol. Med. **113**, 986-988
- STOKOL, T. und J. T. BLUE (1999)
Pure red cell aplasia in cats: 9 cases (1989-1997)
J. Am. Vet. Med. Assoc. **214** (1), 75-79
- STONE, M. S. und G. O. FREDEN (1990)
Differentiation of anemia of inflammatory disease from anemia of iron deficiency.
Comp. Contin. Educ. Pract. Vet. **12** (7), 963-966
- TABOADA, J. (1998)
Babesiosis.
In: GREENE, C. E. (Hrsg.): Infectious diseases in the dog and cat.
W. B. Saunders, Philadelphia, 473-481

- TAKASHINA, N., H. KONDO und S. KASHWAZAKI (1990)
Suppressed erythropoietin response to anemia and the efficacy of recombinant erythropoietin in the anemia of rheumatoid arthritis.
J. Rheumatol. **17** (7), 885-887
- TAKETA, F., M. R. SMITS und J. L. LESSARD (1968)
Hemoglobin heterogeneity in the cat.
Biochem. Biophys. Res. Comm. **30** (3), 219-226
- TEPPO, A.-M. und MAURY, C. P. J. (1987)
Radioimmunoassay of tumor necrosis factor in serum.
Clin. Chem. **33**, 2024-2027
- THIMEL, H. und H. NIEPAGE (1976)
Haemoglobin binding capacity (haptoglobin) in serum of untreated dogs and in experimental haemolysis.
Fortschritte der Veterinärmedizin **25**, 203-210
- THOMAS, J. S. (2000)
Overview of plasma proteins.
In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm`s Veterinary Hematology. 5th ed., Lippincott Williams & Wilkins, Baltimore, **134**, 891-898
- THOMAS L. und C. THOMAS (2002)
Anämie bei Eisenmangel und Störungen im Eisenstoffwechsel.
Dtsch. Med. Wochenschr. **127**, 1591-1594
- TRACEY, K. J., H. WEI, K. R. MANOGUE, Y. FONG, D. G. HESSE, H. T. NGUYEN, G. C. GUO, B. BEUTLER, R. S. COTRAN, A. CERAMI und S. F. LOWRY (1988)
Cachectin/tumor necrosis factor induces cachexia, anemia and inflammation.
J. Exp. Med. **167**, 1211-1227
- TVEDTEN, H. (1999)
Reference Values.
In: WILLIARD, M. D., H. TVEDTEN und G. H. TURNWALD (Hrsg.): Small animal clinical diagnosis by laboratory methods. 3rd ed., W. B. Saunders Company, Philadelphia, 370-372
- TVEDTEN, H. und D. WEISS (1999)
Erythrocyte Disorders.
In: WILLIARD, M. D., H. TVEDTEN und G. H. TURNWALD (Hrsg.): Small animal clinical diagnosis by laboratory methods. 3rd ed., W. B. Saunders Company, Philadelphia, 31-51
- UNDERWOOD, E. J. (1977)
Iron.
Academic Press, New York, 13-55

VACHA, J. (1983)

Red cell life span. In: AGAR, N. S. und P. G. BOARD (Hrsg.): Red blood cells of domestic mammals. Elsevier Science Publishers B. V., Amsterdam, 67-132

VADEN, S. L., P. A. WOOD, F. D. LEDLEY, P. E. CORNWELL, R. T. MILLER und R. PAGE (1992)

Cobalamin deficiency associated with methylmalonic acidemia in a cat.
J. Am. Vet. Med. Assoc. **200**, 1101-1103

VALENTINE, W. N., M. L. PEARCE, R. F. RILEY, E. RICHTER und J. S. LAWRENCE (1951)

Heme synthesis and erythrocyte life span in the cat.
Proc. Soc. Exp. Biol. Med. **77**, 244-245

VAN BREE, H., J. DE SCHEPPER und E. CAPIAU (1988)

The significance of radiology in the diagnosis of pyometra (endometritis post oestrus) in dogs: an evaluation of the correlation between radiographic and laboratory findings in 131 cases.

J. Vet. Med. **35** (3), 200-206

VERCELLOTTI, G. M., B. SWEDER VAN ASBECK und H. S. JACOB (1985)

Oxygen radical-induced erythrocyte hemolysis by neutrophils.
J. Clin. Invest. **76**, 956-962

VOYVODA, HÜSEYİN (1989)

Untersuchungen über die Bedeutung des Eisenmangels bei Anämien von Pferd, Hund und Katze mit Hilfe der Eisenparameter Plasmaeisengehalt, Eisenbindungskapazität und Transferrinsättigung.

Vet. Med. Dissertation, Justus-Liebig-Universität Gießen

WANER, T. und S. HARRUS (2000)

Anemia of inflammatory disease. In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg.): Schalm's Veterinary Hematology. 5th ed., Lippincott Williams & Wilkins, Baltimore, 205-209

WARD, H. P., J. E. KURNICK und M. J. PISARCZYK (1971)

Serum levels of erythropoietin in anemias associated with chronic infection, malignancy and primary hematologic disease.

J. Clin. Invest. **50**, 449-455

WATANABE, A., M. MORIMATSU, K. YOSHIMATSU, S. YAMAMOTO, A. TERAOKA, K. TSUKAZAKI, M. SAITO und M. NAIKI (1992)

Isolation of C-reactive protein from cat serum.

J. Small Anim. Pract. **33** (2), 71-77

WEIDEN, P. L., R. C. HACKMAN, H. J. DEEG, T. C. GRAHAM, E. D. THOMAS und R. STORB (1981)

Long-term survival and reversal of iron overload after marrow transplantation in dogs with congenital hemolytic anemia.

Blood **57**, 66-70

WEINGART, C. (2003)

Bluttransfusionen bei Katzen: Indikationen, Durchführung, Transfusionsreaktionen und – ergebnisse (1998-2001).

Vet. Med. Dissertation, FU Berlin

WEISER, M. G. und G. J. KOCIBA (1982)

Persistent macrocytosis assessed by erythrocyte subpopulation analysis following erythrocyte regeneration in cats.

Blood **60** (2), 295-303

WEISER, M. G. und G. C. KOCIBA (1983)

Sequential changes in erythrocyte volume distribution and microcytosis associated with iron deficiency in kittens.

Vet. Pathol. **20**, 1-12

WEISER, G. und M. R. O'GRADY (1983)

Erythrocyte volume distribution analysis and hematologic changes in dogs with iron deficiency anemia.

Vet. Pathol. **20**, 230-241

WEISER, M. G. und G. J. KOCIBA (1984)

Platelet concentration and platelet volume distribution in healthy cats.

Am. J. Vet. Res. **45** (3), 518-522

WEISER, M. G. (1994)

Disorders of erythrocytes and erythropoiesis.

In: The Cat: Diseases and Clinical Management, **27**, 691-720

WEISS, D. J. und J. D. KREHBIEL (1983)

Studies of the pathogenesis of anemia of inflammation: Erythrocyte survival.

Am. J. Vet. Res. **44** (10), 1830-1831

WEISS, D. J., J. D. KREHBIEL und J. E. LUND (1983)

Studies of the pathogenesis of anemia of inflammation: Mechanism of impaired erythropoiesis.

Am. J. Vet. Res. **44** (10), 1832-1835

WEISS, D. J. (1986)

Antibody-mediated suppression of erythropoiesis in dogs with red blood cell aplasia.

Am. J. Vet. Res. **47** (12), 2646-2648

WEISS, D. J. (1988)

Susceptibility of canine, feline and human erythrocytes to oxidant-mediated injury.
Vet. Clin. Pathol. **17** (3), 75-78

WEISS, D. J. und J. S. KLAUSNER (1988)

Neutrophil-induced erythrocyte injury: A potential cause of erythrocyte destruction in the anemia associated with inflammatory disease.
Vet. Pathol. **25**, 450-455

WEISS, D. J. und C. B. McCLAY (1988)

Studies on the pathogenesis of erythrocyte destruction associated with the anemia of inflammatory diseases.
Vet. Clin. Pathol. **17** (4), 90-93

WEISS D. J. und M. P. MURTAUGH (1990)

Activated neutrophils induce erythrocyte immunoglobulin binding and membrane protein degradation.
J. Leuc. Biol. **48** (5), 438-443

WEISS, D. J., B. AIRD und M. P. MURTAUGH (1992)

Neutrophil-induced immunoglobulin binding to erythrocytes involves proteolytic and oxidative injury.
J. Leuc. Biol. **51** (1), 19-23

WEISS, G., B. GOOSSENS und W. DOPPLER (1993)

Translational regulation via iron responsive elements by nitric oxide/NO-synthase pathway.
EMBO J. **12** (9), 3651-3657

WEISS, G., H. WACHTER und D. FUCHS (1995)

Linkage of cell-mediated immunity to iron metabolism.
Immunol. Today **16**, 495-500

WEISS, G. (1999)

Iron and anemia of chronic disease.
Kidney Int. Suppl. **69**, 12-17

WEISS, D. J. (2000)

Aplastic anemia.
In: FELDMAN, B. F., J. G. ZINKL und N. C. JAIN (Hrsg): Schalm`s Veterinary Hematology.
Lippincott Williams & Wilkins, Baltimore, 212-215

WEISS, G. (2002a)

Pathogenesis and treatment of anaemia of chronic disease.
Blood Rev. **16**, 87-96

WEISS, G. (2002b)

Eisen, Infektion und Anämie – eine klassische Triade.

Wien. Klin. Wochenschr. **114**, 10-11, 357-367

WERNER, L. L. und N. T. GORMAN (1984)

Immune-mediated disorders of cats.

Vet. Clin. North Am. Small Pract. **14**, 1039-1064

WERNER, L. L. und G. H. TURNWALD (1999)

Immunologic and plasma protein disorders.

In: WILLARD, M. D., H. TVEDTEN und G. H. TURNWALD (Hrsg.): Small animal clinical diagnosis by laboratory methods, 3rd ed., W. B. Saunders, Philadelphia, 248-264

WILLIAMS, D. A. (1998)

Cobalamin and folate in feline malabsorption (abstract).

In: Proceedings of the 16th ACVIM Forum, San Diego, 534-536

XIE, J. F. (1991)

Clinical significance of serum ferritin and acute phase reactant protein levels in patients with cervical cancer.

Chung Hua Fu Chan Ko Tsa Chih **26**, 92-94

YAMASHITA, K., T. FUJINAGA, T. MIYAMOTO, HAGIO, M, IZUMISAWA und Y, KOTANI, T (1994)

Canine acute phase response: Relationship between serum cytokine activity and acute phase protein in dogs.

J. Vet. Med. Sci. **56**, 487-492

ZUCKER, S. (1985)

Anemia in cancer.

Cancer Invest. **3** (3), 29-260