

9 Literaturverzeichnis

1. **Ackermann, M. R.**, Brogden, K. A., Florance, A. F., Kehrl, Jr., M. E.:
Enduction of CD18-mediated passage of neutrophils by *Pasteurella haemolytica* in pulmonary bronchi and bronchioles
Infection and Immunity 67 (1999) 659-663
2. **Adusu, T. E.**, Conlon, P. D., Shewen, P. E., Black, W. D.:
Pasteurella haemolytica leukotoxin induces histamine release from bovine pulmonary mast cells
Can. J. Vet. Res. 58 (1994) 1-5
3. **Berchtold, J.**, Hartmann, H., Hofmann, W.:
Bedeutung respiratorischer Kompensationsvorgänge bei Azidosen des Kalbes
Dtsch. Tierärztl. Wschr. 107 (2000) 10-16
4. **Berg, R.:**
Angewandte und topographische Anatomie der Haustiere
2. Aufl., Gustav Fischer Verlag, Jena (1982)
5. **Binkhorst, G. J.**, Henricks, P. A., Van den Ingh, T. S., Hajer, R., Nijkamp, F. P.:
The effect of stress on host defense system and on lung damage in calves experimentally infected with *Pasteurella haemolytica* type A1
Zentralbl. Veterinarmed. (A) 37 (1990) 525-536
6. **Bötcher, L.:**
Zur Pathogenese und Immunprophylaxe von *Pasteurella haemolytica* Infektionen
Berl. Münch. Tierärztl. Wschr. 101 (1988) 221-228
7. **Bowersock, T. L.**, Walker, R. D., Maddux, J. M., Fenner, D., Moore, R. N.:
Hematological changes in calves exposed to a mixture of lipopolysaccharide and crude leukotoxin of *Pasteurella haemolytica*
Can. J. Vet. Res. 54 (1990) 415-421
8. **Breider, M. A.**, Kumar, S., Corstvet, R. E.:
Bovine pulmonary endothelial cell damage mediated by *Pasteurella haemolytica* pathogenic factors
Infection and Immunity 58 (1990) 1671-1677
9. **Breider, M. A.**, Kumar, S., Corstvet, R. E.:
Interaction of bovine neutrophils in *Pasteurella haemolytica* mediated damage to pulmonary endothelial cells
Vet. Immunol. Immunopathol. 27 (1991) 337-350
10. **Breider, M. A.**, Walker, R. D., Hopkins, F. M., Schultz, T. W., Bowersock, T. L.:
Pulmonary lesions induced by *Pasteurella haemolytica* in neutrophil sufficient and neutrophil deficient calves
Can. J. Vet. Res. 52 (1988) 205-209
11. **Brogden, K. A.**, Ackermann, M. R., Debey, B. M.:
Pasteurella haemolytica lipopolysaccharide-associated protein induces pulmonary inflammation after bronchoscopic deposition in calves and sheep
Infection and Immunity 63 (1995 a) 3595-3599

12. **Brogden, K. A.**, Adlam, C., Lehmkuhl, H. D., Cutlip, R. C., Knights, J. M., Engen, R. L.:
Effect of *Pasteurella haemolytica* (A1) capsular polysaccharide on sheep lung in vivo and on pulmonary surfactant in vitro
Am. J. Vet. Res. 50 (1989) 555-559
13. **Brogden, K. A.**, DeBey, B., Audibert, F., Lehmkuhl, H., Chedid, L.:
Protection of ruminants by *Pasteurella haemolytica* A1 capsular polysaccharide vaccines containing muramyl dipeptide analogs
Vaccine 13 (1995 b) 1677-1684
14. **Brogden, K. A.**, Rimler, R. B., Cutlip, R. C., Lehmkuhl, H. D.:
Incubation of *Pasteurella haemolytica* and *Pasteurella multocida* lipopolysaccharide with sheep lung surfactant
Am. J. Vet. Res. 47 (1986) 727-729
15. **Car, B. D.**, Suyemoto, M. M., Neilsen, N. R., Slauson, D. O.:
The role of leukocytes in the pathogenesis of fibrin deposition in bovine acute lung injury
Am. J. Pathol. 138 (1991) 1191-1198
16. **Caverly, J. M.**, Radi, Z. A., Andreasen, C. B., Dixon, R. A. F., Brogden, K. F., Ackermann, M. R.
Comparisan of bronchoalveolar lavage fluid obtained from Mannheimia haemolytica-inoculated calves with and without prior treatment with the selectin inhibitor TBC1269
Am. J. Vet. Res. 62 (2001) 665-672
17. **Chae, C. H.**, Gentry, M. J., Confer, A. W., Anderson, G. A.:
Resistance to host immune defense mechanisms afforded by capsular material of *Pasteurella haemolytica*, serotyp 1
Vet. Microbiol. 25 (1990) 241-251
18. **Cheryk, L. A.**, Hooper-McGrevy, K. E., Gentry, P. A.:
Alterations in bovine platelet function and acute phase proteins induced by *Pasteurella haemolytica* A1
Can. J. Vet. Res. 62 (1998) 1-8
19. **Clarke, C. R.**, Confer, A. W., Mosier, D. A.:
In vivo effect of *Pasteurella haemolytica* infection on bovine neutrophil morphology
Am. J. Vet. Res. 59 (1998) 588-592
20. **Coghe, J.**, Uysterpruyt, Ch., Bureau, F., Detilleux, J., Art, T., Lekeux, P.:
Validation and prognostic value of plasma lactate measurement in bovine respiratory disease
The Veterinary Journal 160 (2000) 139-146
21. **Conlon, J. A.**, Shewen, P. E.:
Clinical and serological evaluation of a *Pasteurella haemolytica* A1 capsular polysaccharide vaccine
Vaccine 11 (1993) 767-772
22. **Czuprynski, C.J.**, Noel, E. J., Adlam, C.:
Interaction of bovine alveolar macrophages with *Pasteurella haemolytica* A1 in vitro: modulation by purified capsular polysaccharide

- Vet. Mikrobiol. 26 (1991) 349-358
- 23. Desmecht, D.:**
Contribution à L'exploration fonctionelle et à la Physiopathologie du Diaphragme des grand Animaux
Chapter 28: The relation of ventilatory failure to pulmonary, respiratory muscle, and central nervous system disturbances in pneumonic calves
PHD-Thesis (1995 a), Université de Liège Faculté de Médecine Vétérinaire
- 24. Desmecht, D.:**
Contribution à L'exploration fonctionelle et à la Physiopathologie du Diaphragme des grand Animaux
Chapter 29: Patterns of haemodynamic dysfunction involved in experimental bovine pneumonic pasteurellosis
PHD-Thesis (1995 b), Université de Liège Faculté de Médecine Vétérinaire
- 25. Desmecht, D.:**
Contribution à L'exploration fonctionelle et à la Physiopathologie du Diaphragme des grand Animaux
Chapter 30: Pathophysiological response of bovine diaphragm function to pneumonia
PHD-Thesis (1995 c), Université de Liège Faculté de Médecine Vétérinaire
- 26. Desphande, M. S.,** Ambagala, T. C., Ambagala, A. P. N., Kehrl, Jr., M. E., Sriku-
maran, S.:
Bovine CD18 is necessary and sufficient to mediate Mannheimia (Pasteurella)
haemolytica leukotoxin-induced cytolysis
Infection and Immunity 70 (2002) 5058-5064
- 27. Eckersall, P. D.:**
The time is right for acute phase protein assays
The Veterinary Journal 168 (2004) 3-5
- 28. Elmer, S.:**
Auswirkungen der Umgebungstemperatur und der relativen Luftfeuchtigkeit auf den Organismus des Kalbes
Diss. (1999), Leipzig
- 29. Elmer, S.,** Reinhold, P.:
Die Auswirkungen kurzzeitiger Schwankungen der Umgebungstemperatur auf den Kälberorganismus-1. Mitteilung: Sofortreaktionen des respiratorischen Systems, des Herz-Kreislauf-Systems, des Stoffwechsels und des Wärmehaushaltes
Dtsch. tierärztl. Wschr. 109 (2002) 182-192
- 30. Ewers, C.,** Lübke-Becker, A., Wieler, L. H.:
Mannheimia haemolytica und die Pathogenese der Enzootischen Bronchopneumonie
Berl. Münch. Tierärztl. Wschr. 117 (2004) 2-20
- 31. Gatewood, D. M.,** Fenwick, B. W., Chengappa, M. M.:
Growth-condition dependent expression of Pasteurella haemolytica A1 outer membrane proteins, capsule, and leukotoxin
Veterinary Microbiology 41 (1994) 221-233
- 32. Gibbs, H. A.,** Allan, E. M., Wiseman, A., Selman, I. E.:
Experimental production of bovine pneumonic pasteurellosis
Research in Veterinary Science 37 (1984) 154-166

33. **Gustin, P.**, Lekeux, P., Lomba, F., Clerx, C.:
Mechanical properties of excised calf lungs effects of airway obstruction with beads
Research in Veterinary Science 42 (1987) 277-279
34. **Gustin, P.**, Clerbaux, Th., Willems, E., Lekeux, P., Lomba, F., Frans, A.:
Oxygen transport properties of blood in two different bovine breeds
Comp. Biochem. Physiol. 89 A (1988) 553-558
35. **Hare, J. E.**, Tesarowski, D. B., Dawe, G. E., Vlaminck, K., Shewen, P. E., Viel, L.:
Effect of 5-hydroxytryptamine type-2 receptor blockade on pulmonary function in calves with experimentally induced *Pasteurella haemolytica* pneumonia
Am. J. Vet. Res. 57 (1996) 1034-1039
36. **Hartmann, H.**, Meyer, H.:
Klinische Pathologie der Haustiere
Gustav Fischer Verlag Jena • Stuttgart (1994)
37. **Höchel, P.**:
Auswirkungen motorischer Belastungen auf den Atemgasaustausch bei klinisch gesunden und respiratorisch erkrankten Kälbern
Diss. (2004), Berlin
38. **Hodgins, D. C.**, Shewen, P. E.:
Serologic responses of young colostrum fed dairy calves to antigens of *Pasteurella haemolytica* A1
Vaccine 16 (1998) 2018-2025
39. **Humblet, M. F.**, Coghe, J., Lekeux, P., Godeau, J. M.:
Acute phase proteins assessment for an early selection of treatments in growing calves suffering from bronchopneumonia under field conditions
Research in Veterinary Science 77 (2004) 41-47
40. **Jeyaseelan, S.**, Sreevatsan, S., Maheswaran, S. K.
Role of Mannheimia haemolytica leukotoxin in the pathogenesis of bovine pneumonic pasteurellosis
Animal Health Research Reviews 3 (2002) 69-82
41. **Kaehler, K.L.**, Markam, R. J. F., Muscoplat, C. C., Johnson, D. W.:
Evidence of cytotoxic effects of *Pasteurella haemolytica* on bovine peripheral blood mononuclear leukocytes
Am. J. Vet. Res. 41 (1980) 1690-1693
42. **Katho, N.**, Nakagawa, H.:
Detection of haptoglobin in the high-density lipoprotein and the very high-density lipoprotein fractions from sera of calves with experimental pneumonia and cows with naturally occurring fatty liver
J. Vet. Med. Sci. 61 (1999) 119-124
43. **Kumar, S.**, Breider, M. A., Corstvet, R. E., Maddux, J. L.:
Effect of *Pasteurella haemolytica* saline capsular extract on bovine pulmonary endothelial cells
Am. J. Vet. Res. 52 (1991) 1774-1778

44. **Leite, F.**, Gyles, S., Atapattu, D., Maheswaran, S. K., Czuprynski, C. J.
Prior exposure to Mannheimia haemolytica leukotoxin or LPS enhances β_2 -integrin expression by bovine neutrophils and augments LKT cytotoxicity
Microbial Pathogenesis 34 (2003) 267-275
45. **Lekeux, P.:**
Pulmonary funktion in healthy, exercising and diseased animals
Flemish Veterinary Journal (1993)
46. **Lekeux, P.**, Hajer, R., Breukink, H. J.:
Pulmonary function testing in calves: technical data
Am. J. Vet. Res. 45 (1984 a) 342-345
47. **Lekeux, P.**; Hajer, R.; Breuking, H. J.
Effect of somatic growth on pulmonary function values in healthy Friesian cattle
Am. J. Vet. Res. 45 (1984 b) 2003-2007
48. **Linden, A.:**
La 5-Hydroxytryptamine et les systèmes respiratoire et cardiovasculaire dans l'espèce bovine: effets fonctionnels, récepteurs et implications physiopathologiques
Chapitre 3 – Description Systématique des Recherches, Etude IX: Effect of serotonergic blockade on the calf pulmonary function following intratracheal inoculation of Pasteurella haemolytica
PHD-Thesis (1995 a), Université de Liège Faculté de Médecine Vétérinaire
49. **Linden, A.:**
La 5-Hydroxytryptamine et les systèmes respiratoire et cardiovasculaire dans l'espèce bovine: effets fonctionnels, récepteurs et implications physiopathologiques
Chapitre 3 – Description Systématique des Recherches, Etude VIII: Pulmonary ventilation, mechanics, gas exchange and hemodynamics in calves following intratracheal inoculation of Pasteurella haemolytica
PHD-Thesis (1995 b), Université de Liège Faculté de Médecine Vétérinaire
50. **Lopez, A.**, Grant Maxie, M., Ruhnke, L., Savan, M., Thomson, R. G.:
Cellular inflammatory response in the lungs of calves exposed to bovine viral diarrhea virus, Mycoplasma bovis and Pasteurella haemolytica
Am. J. Vet. Res. 47 (1986) 1283-1286
51. **Lu, M. C.**, Peters Golden, M., Hostetler, D. E., Robinson, N. E., Derksen, F. J.:
Age-related enhancement of 5-lipoxygenase metabolic capacity in cattle alveolar macrophages
Am. J. Physiol. 271 (1996) 547-554
52. **Maheswaran, S. K.**, Weiss, D. J., Kannan, M. S., Townsend, E. L., Reddy, K. R., Whiteley, L. O., Srikumaran, S.:
Effects of Pasteurella haemolytica A1 leukotoxin on bovine neutrophils: degranulation and generation of oxygen-derived free radicals
Vet. Immunol. Immunopathol. 33 (1992) 51-68
53. **Majury, A. L.**, Shewen, P. E.:
The effect of Pasteurella haemolytica A1 leukotoxic culture supernate on the in vitro proliferative response of bovine lymphocytes
Vet. Immunol. Immunopathol. 29 (1991 a) 41-56

54. **Majury, A. L.**, Shewen, P. E.:
Preliminary investigation of the mechanism of inhibition of bovine lymphocyte proliferation by *Pasteurella haemolytica* A1 leukotoxin
Vet. Immunol. Immunopathol. 29 (1991 b) 57-68
55. **Mead, J.:**
Mechanical properties of lungs
The American Physiological Society 41 (1961)
56. **Morck, D. W.**, Watts, T. C., Acres, S. D., Costerton, J. W.:
Electron microscopic examination of cells of *Pasteurella haemolytica* A1 in experimentally infected cattle
Can. J. Vet. Res. 52 (1988) 343-348
57. **Mosier, D. A.**, Panciera, R. J., Rogers, D. P., Uhlich, G. A Butine, M. D., Confer, A. W., Basaraba, R. J.:
Comparison of serologic and protective responses induced by two *Pasteurella* vaccines
Can. J. Vet. Res. 62 (1998) 178-182
58. **Olschewski, H.**, Seeger, W.:
Störungen des Gasaustausches - pathophysiologische Grundlagen
Atemw. – Lungenkrkh. 25 (1999) 671-676
59. **Pandher, K.**, Murphy, G. L.:
Genetic and immunological analysis of a 38 kDa surface-exposed lipoprotein of *Pasteurella haemolytica* A1
Veterinary Microbiology 51 (1996) 331-341
60. **Pandher, K.**, Murphy, G. L., Confer, A. W.:
Identification of immunogenic, surface-exposed outer membrane proteins of *Pasteurella haemolytica* serotyp 1
Vet. Mikrobiol. 65 (1999) 215-226
61. **Paulsen, D. B.**, Confer, A. W., Clinkenbeard, K. D., Mosier, D. A.:
Pasteurella haemolytica lipopolysaccharide-induced arachidonic acid release from and neutrophil adherence to bovine pulmonary artery endothelial cells
Am. J. Vet. Res. 51 (1990) 1635-1639
62. **Paulsen, D. B.**, Mosier, D. A., Clinkenbeard, K. D., Confer, A. W.:
Direct effects of *Pasteurella haemolytica* lipopolysaccharide on bovine pulmonary endothelial cells in vitro
Am. J. Vet. Res. 50 (1989) 1633-1637
63. **Potter, A. A.**, Schryvers, A. B., Ogunnariwo, J. A., Hutchins, W. A., Lo, R. Y. C., Watts, T.:
Protective capacity of the *Pasteurella haemolytica* transferrin-binding proteins TbpA and TbpB in cattle
Microbial Pathogenesis 27 (1999) 197-206
64. **Reeve-Johns, L.**
Relationships between clinical and pathological signs of disease in calves infected with Mannheimia (*Pasteurella*) *haemolytica* type A1
Veterinary Record 149 (2001) 549-552

- 65. Reinhold, P.:**
Oscillatory measurements, blood gas analysis and clinical observations after intravenous Clenbuterol administration in healthy and acutely pneumonic calves
Veterinary Research Communication 17 (1993) 143-151
- 66. Reinhold, P.:**
Atmungsmechanik beim Tier 1. Mitteilung: Physiologische Grundlagen und konventionelle Untersuchungsmethoden – Übersichtsarbeit
Berl. Münch. Tierärztl. Wschr. 110 (1997 a) 251-256
- 67. Reinhold, P.:**
Atmungsmechanik beim Tier 2. Mitteilung: Die forcierte Oszilloresistometrie – Übersichtsarbeit
Berl. Münch. Tierärztl. Wschr. 110 (1997 b) 257-266
- 68. Reinhold, P.:**
Grundlagen und Besonderheiten der Lungenfunktion beim Rind
Tierärztl. Umschau 52 (1997 c) 584-592
- 69. Reinhold, P.**
Untersuchungen zur Bestimmung pulmonaler Funktionen beim Kalb
Habilitationsschrift (2001), Institut für Veterinär-Physiologie der Freien Universität Berlin
- 70. Reinhold, P., Elmer, S.:**
Die Auswirkungen kurzzeitiger Schwankungen der Umgebungstemperatur auf den Kälberorganismus-2. Mitteilung: Auswirkungen auf die Tiergesundheit bis drei Wochen post expositionem
Dtsch. tierärztl. Wschr. 109 (2002) 193-200
- 71. Reinhold, P., Födisch, G.:**
Lungenfunktionsdiagnostik bei gesunden und an Pneumonie erkrankten Kälbern
Mh. Vet. - Med. 48 (1993) 113-117
- 72. Reinhold, P., Höchel, P.:**
Pathophysiologische Reaktionen des pulmonalen Kreislaufsystems auf Atemwegs- und Lungenerkrankungen
Berl. Münch. Tierärztl. Wschr. 118 (2005) 52-66
- 73. Reinhold, P., Langenberg, A., Lekeux, P.:**
Übersichtsarbeit: Atmungsmechanik beim Tier – 4. Mitteilung: Die diagnostische Aussagefähigkeit von Untersuchungen mit dem Impuls-Oszilloresistometrie-Systems (IOS) beim Kalb
Berl. Münch. Tierärztl. Wschr. 111 (1998 a) 262-267
- 74. Reinhold, P., Langenberg, A., Seidler, T., Krüger, M.:**
Endotoxinämie und Lungenfunktion
Endotoxine, Bedeutung für Tiere und Menschen, 3. Endotoxin-Tagung, Leipzig (2002) 125-128
- 75. Reinhold, P., Smith, H. J., Langenberg, A., Lekeux, P.:**
Measurement of respiratory impedance in healthy calves using the impulse oscillation technique – physiological and methodological aspects
The Veterinary Journal 155 (1998 b) 27-38

76. **Reinhold, P.**, Steinbach, G., Langenberg, A., Lekeux, P.:
Übersichtsarbeit: Atmungsmechanik beim Tier – 3. Mitteilung: Methodische und physiologische Aspekte bei der Anwendung des Impuls-Oszilloresistometrie-Systems (IOS)
Berl. Münch. Tierärztl. Wschr. 111 (1998 c) 253-261
77. **Robinson, N. E.:**
Some functional consequences of species differences in lung anatomy
Adv. Vet. Sci. Comp. Med. 26 (1982) 1-33
78. **Robinson, N. E.:**
Respiratory function
In Cunningham, I. G. (Hrsg.): Textbook of veterinary physiology
2nd Edition, W. B. Saunders Company, Philadelphia (1997) 557-603
79. **Schimmel, D.:**
Ergebnisse experimenteller Infektionen von Kälbern mit *Pasteurella multocida* und *Pasteurella haemolytica*
Arch. Exper. Vet. Med. Leipzig 41 (1987) 463-472
80. **Schimmel, D.**, Feist, H.:
Experimentelle Immunisierung von Kälbern mit *Pasteurella-haemolytica*-Antigenen
Tierärztl. Umschau 54 (1999) 684-688
81. **Schimmel, D.**, Erler, W., Diller, R.:
Zur Bedeutung von Antikörpern gegen *Pasteurella haemolytica* A1 im Kolostrum-Serum von Kühen und Blutserum von Kälbern
Berl. Münch. Tierärztl. Wschr. 105 (1992 a) 087-089
82. **Schimmel, D.**, Erler, W., Feist, H.:
Ergebnisse experimenteller Immunisierungen von Kälbern mit verschiedenen *Pasteurella*-Antigenen
Dtsch. Tierärztl Wschr. 99 (1992 b) 204-206
83. **Schimmel, D.**, Jähmig, K., Putsche, R., Ungureanu, C.:
Antikörpernachweis gegen *Pasteurella Multocida* und *Pasteurella haemolytica* im Blutserum von Kälbern
Arch. Exper. Vet.-med. Leipzig 42 (1988) 21-25
84. **Schroedl, W.**; Fuerll, B.; Reinhold, P.; Krueger, M.; Schuett, C.
A novel acute phase marker in cattle: lipopolysaccharide binding protein (LBP)
Journal of Endotoxin Research 7 (2001) 49-52
85. **Seidler, T.**, Reinhold, P., Schrödl, W., Schütt, Ch., Gottschalk, J., Krüger, M.:
Veränderungen in Lungenfunktions- und Immunologischen Parametern im Rahmen einer Endotoxämie bei Kälbern
Endotoxine, Bedeutung für Tiere und Menschen, 3. Endotoxin-Tagung, Leipzig (2002) 119-124
86. **Simons, K. R.**, Morton, R. J., Fulton, R. W., Confer, A. W.:
Comparison of antibody responses in cattle to outer membrane proteins from *Pasteurella haemolytica* serotype 1 and from eight untypeable strains
Am. J. Vet. Res. 53 (1992) 971-975

87. **Slocombe, R. F.**, Malark, J., Ingersoll, R., Derksen, F. J., Robinson, N. E.:
Importance of neutrophils in the pathogenesis of acute pneumonic pasteurellosis in calves
Am. J. Vet. Res. 46 (1985) 2253-2258
88. **Slocombe, R. F.**, Mulks, M., Killingsworth, C. R., Derksen, F. J., Robinson, E.:
Effect of *Pasteurella haemolytica*-derived endotoxin on pulmonary structure and function in calves
Am. J. Vet. Res. 51 (1990 a) 433-438
89. **Slocombe, R. F.**, Watson, G. L., Killingsworth, C. R.:
Effect of Deferoxamine pretreatment on acute pneumonic Pasteurellosis and neutrophil oxidative metabolism in calves
Can. J. Vet. Res. 54 (1990 b) 227-231
90. **Smith, H. J.**, Reinhold, P., Goldman, M. D.:
Forced oscillation technique and impulse oscillometry
Eur. Respir. Mon. 31 (2005) 72-105
91. **Srinand, S.**; Ames, T. R., Werdin, R. E., Yoo, H. S., Maheswaran, S. K.:
Evaluation of three experimental subunit vaccines against pneumonic pasteurellosis in cattle
Vaccine 14 (1996 a) 147-154
92. **Srinand, S.**, Maheswaran, S. K., Ames, T. R., Werdin, R. E., Hsuan, S. L.:
Evaluation of efficacy of three commercial vaccines against experimental bovine pneumonic pasteurellosis
Vet. Microbiol. 52 (1996 b) 81-89
93. **Styrt, B.**, Walker, R. D., White, J. C., Dahl, L. D., Baker, J. C.:
Granulocyte plasma membrane damage by leukotoxic supernatant from *Pasteurella haemolytica* A1 and protection by immune serum
Can. J. Vet. Res. 54 (1990) 146-150
94. **Sulyma, M.G.**:
Lungenfunktion von A-Z
Medikon-Verlag, München (1990)
95. **Uystepuyst, Ch.**, Reinhold, P., Coghe, J., Bureau, F., Lekeux, P.:
Mechanics of the respiratory system in healthy newborn calves using impulse oscillometry
Research in Veterinary Science 68 (2000) 47-55
96. **Van den Ingh, T. S. G. A. M.**, Vissier, I. J. R., Henricks, P. A. J., Binkhorst, G. J.:
Pulmonary lesions induced by a *Pasteurella haemolytica* cytotoxin preparation in calves
J. Vet. Med. 37 B (1990) 297-308
97. **Walker, R. D.**, Hopkins, F. M., Schultz, T. W., McCracken, M. D., Moore, R. N.:
Changes in leukocyte populations in pulmonary lavage fluids of calves after inhalation of *Pasteurella haemolytica*
Am. J. Vet. Res. 46 (1985) 2429-2433

98. **Wang, Z.**, Clarke, C. R., Clinkenbeard, K. D.:
Role of phospholipase D in *Pasteurella haemolytica* leukotoxin induced increase in phospholipase A₂ activity in bovine neutrophils
Infection and Immunity 67 (1999) 3768-3772
99. **Weiss, D. J.**, Bauer, M. C., Whiteley, L. O., Maheswaran, S. K., Ames, T. R.:
Changes in blood and bronchoalveolar lavage fluid components in calves with experimentally induced pneumonic pasteurellosis
Am. J. Vet. Res. 52 (1991) 337-344
100. **Wernicki, A.**, Urban-Chmiel, R., Mikucki, P., Puchalske, A., Kankofer, M.:
The influence of transport stress on the humoral immunological response of calves induced by *Mannheimia haemolytica* leukotoxin
Polish Journal of Veterinary Sciences 6 (2003) 41-45
101. **Wessely-Szponder, J.**, Urban-Chmiel, R., Wernicki, A., Bobowiec, R.:
Effect of leukotoxin of *Mannheimia haemolytica* and LPS of *E. coli* on secretory response of bovine neutrophils in vitro
Polish Journal of Veterinary Sciences 8 (2005) 99-105
102. **Whiteley, L. O.**, Maheswaran, S. K., Weiss, D. J., Ames, T. R.:
Immunohistochemical localization of *Pasteurella haemolytica*-A1 derived endotoxin, leukotoxin, and capsular polysaccharide in experimental bovine *Pasteurella pneumonia*
Vet. Pathol. 27 (1990) 150-161
103. **Whiteley, L. O.**, Maheswaran, S. K., Weiss, D. J., Ames, T. R.:
Alterations in pulmonary morphology and peripheral coagulation profiles caused by intratracheal inoculation of live and ultraviolet light-killed *Pasteurella haemolytica* A1 in calves
Vet. Pathol. 28 (1991 a) 275-285
104. **Whiteley, L. O.**, Maheswaran, S. K., Weiss, D. J., Ames, T. R.:
Morphological and morphometrical analysis of the acute response of the bovine alveolar wall to *Pasteurella haemolytica* A1-derived endotoxin and leukotoxin
J. Comp. Path. 104 (1991 b) 23-32
105. **Whiteley, L. O.**, Maheswaran, S. K., Weiss, D. J., Ames, T. R., Kannan, M. S.:
Pasteurella haemolytica A1 and bovine respiratory disease: pathogenesis
Journal of Veterinary Internal Medicine 6 (1992) 11-22
106. **Wilkie, I. W.**, Fallding, M. H., Shewen, P. E., Yager, J. A.:
The effect of *Pasteurella haemolytica* and the leukotoxin of *Pasteurella haemolytica* on bovine lung explants
Can. J. Vet. Res. 54 (1990) 151-156
107. **Yoo, H. S.**, Maheswaran, S. K., Srinand, S., Ames, T. R., Suresh, M.:
Increased tumor necrosis factor- α and interleukin-1 β expression in the lungs of calves with experimental pneumonic pasteurellosis
Vet. Immunol. Immunopathol. 49 (1995) 15-28
108. **Yoo, H. S.**, Rutherford, M. S., Maheswaran, S. K., Srinand, S., Ames, T. R.:
Induction of nitric oxide production by bovine alveolar macrophages in response to *Pasteurella haemolytica* A1
Microbial Pathogenesis. 20 (1996) 361-375

- 109.** **Yoshioka, M.**, Watanabe, A., Shimada, N., Murata, H., Yokomizo, Y., Nakajima, Y.
Regulation of haptoglobin secretion by recombinant bovine cytokines in primary
cultured bovine hepatocytes
Domestic Animal Endocrinology 23 (2002) 425-433
- 110.** **Young, C. R.**, Eckersall, P. D., Saini, P. K., Stanker, L. H.:
Validation of immunoassays for bovine haptoglobin
Vet. Immunol. Immunopathol. 49 (1995) 1-13