

5 REFERENCE LIST

1. AAMDAL,J. & ANDERSEN,K. 1968. Fast thawing of bull semen frozen in straws.
6th International Congress on Animal Reproduction and Artificial Insemination, Paris, 1968:973-976
2. ACKERMAN,D.J.; REINECKE,A.J. & ELS,H.J. 1994 The ultrastructure of spermatozoa of African buffalo (*Syncerus caffer*) in the Kruger National Park.
Animal Reproduction Science, 36:87-101
3. ACOTT,T.S. & CARR,D.W. 1984 Inhibition of bovine spermatozoa by caudal epididymal fluid: II. Interaction of pH and a quiescence factor.
Biology of Reproduction, 30:926-935
4. ADLER,H.C.; JESPERSEN,C.; MEDING,J.H. & RASBECH,N.O. 1968. Breeding efficiency of bull semen frozen in straws and in pellets.
6th International Congress on Animal Reproduction and Artificial Insemination, Paris, 1968:981-983
5. AHMAD,M.; KHAN,A.; SHAH,Z.A. & AHMAD,K.M. 1996 Effects of removal of seminal plasma on the survival rate of buffalo bull spermatozoa.
Animal Reproduction Science, 41:193-199
6. ANDERSON,E.C. 1986 Potential for the transmission of foot-and-mouth disease virus from African buffalo (*Syncerus caffer*) to cattle.
Research in Veterinary Science, 40:278-280
7. ARRIOLA,J. & FOOTE,R.H. 1987 Glycerolation and thawing effects on bull spermatozoa frozen in detergent-treated egg yolk and whole egg extenders.
Journal of Dairy Science, 70:1664-1670
8. ARRIOLA,J.; JOHNSON,L.A.; KAPROTH,M. & FOOTE,R.H. 1985 A specific oligoteratozoospermia in a bull.
Theriogenology , 23:899-913

9. BAAS,J.W.; MOLAN,P.C. & SHANNON,P. 1983 Factors in seminal plasma of bulls that affect the viability and motility of spermatozoa.
Journal of Reproduction and Fertility, 68:275-280
10. BABCOCK,D.F.; FIRST,N.L. & LARDY,H.A. 1976 Action of ionophore A-23187 at the cellular level.
Journal of Biological Chemistry, 251:3881-3886
11. BABCOCK,D.F.; SINGH,J.P. & LARDY,H.A. 1979 Alteration of membrane permeability to calcium ions during maturation of bovine spermatozoa.
Developmental Biology, 69:85-93
12. BALL,G.D.; LEIBFRIED,M.L.; LENZ,R.W.; AX,R.L.; BAVISTER,B.D. & FIRST,N.L. 1983 Factors affecting successful in vitro fertilization of bovine follicular oocytes.
Biology of Reproduction, 28:717-725
13. BANE,A. & NICANDER,L. 1966 Electron and light microscopical studies on spermateliosis in a boar with acrosome abnormalities.
Journal of Reproduction and Fertility, 11:133-138
14. BARTELS,P.; LAMBRECHTS,H.; KIDSON,A. & FRIEDMANN,Y. 1996. The potential of breeding disease-free African buffalo using assisted reproductive technology.
Proceedings of a Symposium on the African Buffalo as a Game Ranch Animal, Onderstepoort, South Africa, 1996:75-78
15. BARTH,A.D.; OKO;R.J. 1989. *Abnormal morphology of bovine spermatozoa*. Ames, Iowa: Iowa State University Press
16. BASTOS,A.D.S.; BERTSCHINGER,H.J.; CORDEL,C.; VAN VUUREN,C.D.W.J.; KEET,D.; BENGIS,R.G.; GROBLER,D.G. & THOMSON,G.R. 1999b Possibility of sexual transmission of foot-and-mouth disease from African buffalo to cattle.
Veterinary Record, 145:77-79

17. BENGIS,R.G.; KRIEK,N.P.J.; KEET,D.F.; RAATH,J.P.; DE VOS,V. & HUCHZERMEYER,H.F.A.K. 1996 An outbreak of bovine tuberculosis in a free-living African buffalo (*Syncerus caffer*-Sparrman) population in the Kruger National Park: a preliminary report.
Onderstepoort Journal of Veterinary Research, 63:15-18
18. BENGIS,R.G.; THOMSON,G.R. & DE VOS,V. 1987 Foot and mouth disease and the African buffalo: a review.
Journal of the South African Veterinary Association, 58:160-162
19. BENGIS,R.G.; THOMSON,G.R.; HEDGER,R.S.; DE VOS,V. & PINI,A. 1986 Foot-and-mouth disease and the African buffalo (*Syncerus caffer*). 1. Carriers as a source of infection for cattle.
Onderstepoort Journal of Veterinary Research, 53:69-73
20. BERGER,T. & CLEGG,E.D. 1985 Effect of male accessory gland secretion on sensitivity of porcine sperm acrosomes to cold shock, initiation motility and loss of cytoplasmatic droplets.
Journal of Animal Science, 60:1295-1302
21. BERNDTSON,W.E. & FOOTE,R.H. 1969. Bull sperm survival following freezing in ampoules, pellets and straws.
Proceedings of the 7th International Congress on Animal Reproduction and Artificial Insemination, 1969:1353-1356
22. BERTSCHINGER,H.J. 1996. Reproduction in the African buffalo: a review.
Proceedings of a Symposium on the African Buffalo as a Game Ranch Animal, Onderstepoort, South Africa, 1996:62-74
23. BEZUIDENHOUT,C.; FOURIE,F.L.R.; MEINTJES,M.; BORNMAN,M.S.; BARTELS,P. & GODKE,R.A. 1995 Comparative epididymal sperm cell motility of African ungulate and equid games species stored at 4°C.
Theriogenology, 43:167

24. BHOSREKAR,M.R.; PUROHIT,J.R. & MANGURKAR,B.R. 1990 Studies on the effect of additives to semen diluent (abstract only).
Indian Journal of Animal Reproduction, 11:85-88
25. BIALY,G. & SMITH,V.R. 1958 Influence of seminal vesicular fluid on morphology of bull spermatozoa.
Journal of Dairy Science, 41:422-428
26. BIALY,G. & SMITH,V.R. 1959 Cold shock of epididymal spermatozoa.
Journal of Dairy Science, 42:2002
27. BISHOP,M.W.H.; CAMPBELL,R.C.; HANCOCK,J.L. & WALTON,A. 1954 Semen characteristics and fertility in the bull.
Journal of Agricultural Science, 44:227-248
28. BLOM,E. 1959 A rare sperm abnormality: "Corkscrew-sperms" associated with sterility in bulls.
Nature, 183:1280-1281
29. BLOM,E. 1966 A new sterilizing and hereditary defect (the "Dag defect") located in the bull sperm tail.
Nature, 209:739-740
30. BLOM,E. & BIRCH-ANDERSEN,A. 1962 Ultrastructure of the sterilizing knobbed sperm defect in the bull.
Nature, 194:989-990
31. BLOTTNER,S.; WEGNER,I.; ROELANTS,H. & JEWGENOW,K. 1998 Durchflußzytometrische Bestimmungen des akrosomalen Status von Bullen und Hengstspemien nach Markierung mit FITC-konjugiertem PNA (peanut agglutinin).
Tierärztliche Umschau, 53:441-447

32. BOUSSEAU,S.; BRILLARD,J.P.; MARQUANT-LE GUIENNE,B.; GUÉRIN,B. CAMUS,A. & LECHAT,M. 1998 Comparison of bacteriological qualities of various egg yolk sources and the in vitro and in vivo fertilizing potential of bovine semen frozen in egg yolk or lecithin based diluents.
Theriogenology, 50:699-706
33. BRANDT,H.; ACOTT,T.S.; JOHNSON,D.J. & HOSKINS,D.D. 1978 Evidence for an epididymal origin of bovine sperm forward motility protein.
Biology of Reproduction, 19:830-835
34. BRAUN,J.; SAKAI,M.; HOCHI,S. & OGURI,N. 1994 Preservation of ejaculated and epididymal stallion spermatozoa by cooling and freezing.
Theriogenology, 41:809-818
35. BROWN,J.L.;SENGER,P.L.&HILLERS,J.K. 1982 Influence of thawing time and post-thaw temperature on acrosomal maintenance and motility of bovine spermatozoa frozen in .5-ml French straws.
Journal of Animal Science, 54:938-944
36. BROWN,J.L.; WILDT,D.E.; RAATH,J.R.; DE VOS,V.; HOWARD,J.G. JANSSEN,D.L.; CITINO,S.B. & BUSH,M. 1991 Impact of season on seminal characteristics and endocrine status of adult free-ranging African buffalo (*Syncerus caffer*).
Journal of Reproduction and Fertility, 92:47-57
37. CALAMERA,J.C.; QUIROS,M.C.; BRUGO,S. & NICHOLSON,R.F. 1991 Comparison between swim-up and glass bead column techniques for the separation of human spermatozoa.
Andrologia, 23:259-261
38. CARR,D.W. & ACOTT,T.S. 1984 Inhibition of bovine spermatozoa by caudal epididymal fluid: I. Studies of a sperm motility quiescence factor.
Biology of Reproduction, 30:913-925

39. CHEEK, J.H.; KATSOFF, D.; KOZAK, J. & LURIE, D. 1992 Effect of swim-up, Percoll and Sephadex sperm separation methods on the hypo-osmotic swelling test.
Human Reproduction, 7:109-111
40. CHENG, F.P.; FAZELI, A.; VOORHOUT, W.F.; MARKS, A.; BEVERS, M.M. & COLENBRANDER, B. 1996 Use of Peanut Agglutinin to Assess the Acrosomal Status and the Zona Pellucida-Induced Acrosome Reaction in Stallion Spermatozoa.
Journal of Andrology, 17:674-682
41. CHENOWETH, P.J.; HOPKINS, F.M.; SPITZER, J.C. & LARSEN, R.E. 1993 Guidelines for using the bull breeding soundness evaluation form. 111-115
42. CHRISTENSEN, P.; WHITFIELD, CH. & PARKINSON, T.J. 1996 In vitro induction of acrosome reactions in stallion spermatozoa by heparin and A23187.
Theriogenology, 45:1201-1210
43. CHUN-XIA ZOU & ZENG-MING YANG 2000 Evaluation on Sperm Quality of Freshly Ejaculated Boar Semen During In Vitro Storage Under Different Temperatures.
Theriogenology, 1477-1488
44. CORREA, J.R. & ZAVOS, P.M. 1995 Frozen-thawed bovine spermatozoa diluted by slow or rapid dilution method: measurements on occurrence of osmotic shock and sperm viability.
Theriogenology, 44:963-971
45. COSENTINO, M.J.; EMILSON, L.B.V. & COCKETT, A.T.K. 1984 Prostaglandins in semen and their relationship to male fertility: a study of 145 men.
Fertility and Sterility, 41:88-94

46. CRABO,B.G.; HEUER,C.; TAHIR,M.N.; WIERZBOWSKI,S. & HAMBLIN,F.B. 1980 Effects of extender, glycerol and equilibration time on the freezing of water buffalo semen.
9th International Congress on Animal Reproduction and Artificial Insemination, 16th 20th June 1980, Madrid, 1980:425
47. CROSS,N.L. & WATSON,S.K. 1994 Assessing acrosomal status of bovine sperm using fluoresceinated lectins.
Theriogenology, 42:89-98
48. DE VOS,V. 1987 The status and distribution of the buffalo (*Syncerus caffer*) in South Africa.
Journal of the South African Veterinary Association, 58:157
49. DE VOS,V. & VAN NIEKERK,C.A.W.J. 1969 Brucellosis in the Kruger National Park.
Journal of the South African Veterinary Medical Association, 40:331-334
50. DELAUNOIS 1980. Comparative test about pellet freezing (Canadian method) and straw freezing (Cassou material) of boar semen.
9th International Congress on Animal Reproduction and Artificial Insemination, 16th 20th June 1980, Madrid, 1980:399
51. DHAMI,A.J. & SAHNI,K.L. 1993 Evaluation of different cooling rates, equilibration periods and diluents for effects on deep-freezing, enzyme leakage and fertility of taurine bull spermatozoa.
Theriogenology, 40:1269-1280
52. DOSTALOVA,Z.; CALVETE,J.J.; SANZ,L.; HETTEL,C.; RIEDEL,D.; SCHONECK,C & EINSPANIER,R. 1994a Immunolocalization and quantitation of acidic seminal fluid protein (aSFP) in ejaculated, swim-up, and capacitated bull spermatozoa.
Biological Chemistry, 375:457-461

53. DOSTALOVA,Z.; CALVETE,J.J.; SANZ,L. & TOPFER-PETERSEN,E. 1994b
Quantitation of boar spermadhesins in accessory sex gland fluids and on the
surface of epididymal, ejaculated and capacitated spermatozoa.
Biochimica et Biophysica Acta, 1200:48-54
54. DROST,M. 1991. Cryopreservation of water buffalo semen.
Proceedings Wild Cattle Symposium, 1991:33-36
55. EINSPANIER,R.; KRAUSE,I.; CALVETE,J.J.; TÖPFER-PETERSEN,E.
KLOSTERMEYER,H. & KARG,H. 1994 Bovine seminal plasma aSFP:
localization of disulfide bridges and detection of three different isoelectric forms.
FEBS Letters, 344:61-64
56. ENNEN,B.D.; BERNDTSON,W.E.; MORTIMER,R.G. & PICKET,B.W. 1976
Effect of processing procedures on motility of bovine spermatozoa frozen in 0.25
ml straws.
Journal of Animal Science, 43:651-656
57. FAZELI,A.; HAGE,W.J.; VOORHOUT,W.F.; MARKS,A.; BEVERS,M.M. &
COLENBRANDER,B. 1997 Acrosome intact boar spermatozoa initiate binding to
the homologous zona pellucida in vitro.
Biology of Reproduction, 56:430-438
58. FIRST,N.L. & PARRISH,J.J. 1987 In vitro fertilization in ruminants.
Journal of Reproduction and Fertility, 34:151-165
59. FLESCH,F.M.; COLENBRANDER,B.; VAN GOLDE,L.M.G. & GADELLA,B.M.
1999 Capacitation Induces Tyrosine Phosphorylation of Proteins in the Boar
Sperm Plasma Membrane.
Biochemical and Biophysical Research Communications, 262:787-792
60. FLIPSE,R.J. 1954 Metabolism of bovine semen, uptake of glucose by bovine
spermatozoa.
Journal of Dairy Science, 37:425-430

61. FLORMAN, H.M. & FIRST, N.L. 1988 The regulation of acrosomal exocytosis. 1. Sperm capacitation is required for the induction of acrosome reactions by the bovine zona pellucida in vitro.
Developmental Biology, 128:453-463
62. FLORMANN, H.M. & FIRST, N.L. 1988 The regulation of acrosomal exocytosis. 2. The zona pellucida-induced acrosome reaction of bovine spermatozoa is controlled by extrinsic positive regulatory elements.
Developmental Biology, 128:464-473
63. FOOTE, R.H. 1970 Influence of extenders, extension rate and glycerolating technique on fertility of frozen bull semen.
Journal of Dairy Science, 53:1478-1482
64. FOOTE, R.H. & ARRIOLA, J. 1987 Motility and fertility of bull sperm frozen-thawed differently in egg yolk and milk extenders containing detergent.
Journal of Dairy Science, 70:2642-2647
65. FOURNIER-DELPECH, S. & THIBAULT, C. 1993. Acquisition of sperm fertilizing ability, in *Reproduction in mammals and man*, edited by C.Thibault, M.C.Levasseur & R.H.F.Hunter. Paris: 257-279
66. FRIEDMANN, Y.; LUBBE, K.; KILIAN, I.; GROBLER, D.G. & DENNISTON, R.S. 2000 Changes in motility and morphological characteristics of African buffalo (*Syncerus caffer*) sperm during storage of the epididymis.
Theriogenology, 53:332
67. GAINARU, M.D.; THOMSON, G.R.; BENGIS, R.G.; ESTERHUYSEN, J.J.; BRUCE, W. & PINI, A. 1986 Foot-and-mouth disease and the African buffalo (*Syncerus caffer*). II. Virus excretion and transmission during acute infection.
Onderstepoort Journal of Veterinary Research, 53:75-85
68. GARNER, D.L.; THOMAS, C.A. & GRAVANCE, C.G. 1999 The Effect of Glycerol on the Viability, Mitochondrial Function and Acrosomal Integrity of Bovine Spermatozoa.
Reproduction of Domestic Animals, 34:399-404

69. GAUR,R.D. & TALWAR,G.P. 1975 Further studies on the fertility promoting factor from human seminal plasma.
International Journal of Fertility, 20:133-136
70. GERBER,D. 2000. Breeding "disease free" African buffalos (*Syncerus caffer*).
Proceedings of the Symposium on Wildlife Utilization in Southern Africa, Pretoria, 2000:
71. GERBER,D.; IRONS,P.C.; ARLOTTO,A. & COOPER,D. 2001 Quality and freezability of epididymal semen from African buffalo (*Syncerus caffer*) under field conditions.
Theriogenology, 55:384
72. GERBER,D.; IRONS,P.C.; HEROLD,F.C. & COOPER,D. 2002 Quality and freezability of epididymal semen from African buffalo (*Syncerus caffer*) following prolonged exposure to ambient temperatures or delayed flushing.
Theriogenology, 57:582
73. GRADWELL,D.V.; SCHUTTE,A.P.; VAN NIEKERK,C.A.W.J. & ROUX,D.J. 1977 Isolation of *Brucella abortus* biotype I from buffalo in the Kruger National Park.
Journal of the South African Medical Association, 48:41-43
74. GRAHAM,E.F.; RAJAMANNAN,A.H.; SCHMEHL,M.K.L.; MAKI-LAURILA,M. & BOWER,R.E. 1971 Preliminary reports on procedure and rationale for freezing boar semen.
Artificial Insemination Digest, 19:12-14
75. GRAHAM,E.F.; VOGT,D.W. & FISCHER,G.R. 1958 Effect on method of glycerol addition on the fertility of frozen bovine spermatozoa.
Journal of Dairy Science, 41:1553-1556
76. GRAHAM,J.K. 1994 Effect of seminal plasma on the motility of epididymal and ejaculated spermatozoa of the ram and bull during the cryopreservation process.
Theriogenology, 41:1151-1162

77. GRIMSDELL, J.J.R. 1973 Reproduction in the African buffalo (*Syncerus caffer*) in western Uganda.
Journal of Reproduction and Fertility, Suppl. 19:303-318
78. GRUND, S.; ROHLOFF, F. & SIMMANK, W. 1980 Freezing rates in preservation of bull sperms.
9th International Congress on Animal Reproduction and Artificial Insemination, 16th-20th June 1980
79. HAFEZ, E.S.E. 1987. Semen evaluation, in *Reproduction in Farm Animals*, Philadelphia: Lea & Febiger: 455-480
80. HALLER, O.; CHEMINAU, P. & CORTEEL, J.M. 1980. "In vitro" survival and fertilizing ability of goat epididymal sperm.
9th International Congress on Animal Reproduction and Artificial Insemination, 1980:
81. HANABUSA, H.; KUJI, N.; KATO, S.; TAGAMI, H.; KANEKO, S.; TANAKA, H. & YOSHIMURA, Y. 2000 An evaluation of semen processing methods for eliminating HIV-1.
AIDS, 14:1611-1616
82. HARAYAMA, H.; KANDA, S. & KATO, S. 1992 Influence of season on characteristics of epididymal and ejaculated semen in Meishan boars.
Theriogenology, 38:491-500
83. HARTMANN, S.; LACORN, M. & STEINHARDT, H. 1998 Natural occurrence of steroid hormones in food.
Food Chemistry, 62:7-20
84. HEDGER, R.S. & CONDY, J.B. 1985 Transmission of foot-and-mouth disease from African buffalo virus carriers to bovines.
Veterinary Record, 117:205

85. HEROLD,F.C.; AURICH,J.E. & GERBER,D. 2003a Epididymal sperm from the African buffalo (*Syncerus caffer*) can be frozen successfully with Andromed® and with Triladyl™ but the addition of bovine seminal plasma is detrimental.
Theriogenology, in press
86. HEROLD,F.C.; GERBER,D.; DE HAAS,K.; NÖTHLING,J.O.; COOPER,D. THEUNISEN,W. & SPILLINGS,B. 2003b Comparison of three different media for freezing epididymal sperm from African buffalo (*Syncerus caffer*) and influence of equilibration time on the post-thaw sperm quality.
Theriogenology, 59:393
87. HERR,S. & MARSHALL,C. 1981 Brucellosis in free-living African buffalo (*Syncerus caffer*): a serological survey.
Onderstepoort Journal of Veterinary Research, 48:133-134
88. HINSCH,E.; HINSCH,K.-D.; BOEHM,J.G.; SCHILL,W.B. & MÜLLER-SCHLÖSSER,F. 1997 Functional Parameters and Fertilization Success of Bovine Semen Cryopreserved in Egg-yolk Free and Egg-yolk Containing Extenders.
Reproduction of Domestic Animals, 32:143-149
89. HOLT,W.V. 1982 Epididymal origin of a coiled-tail sperm defect in a boar.
Journal of Reproduction and Fertility, 64:485-489
90. HOPKINS,S.M. 1991. Wild cattle epididymal spermatozoa collection and freezing.
Proceedings Wild Cattle Symposium, 1991:65-67
91. HOPKINS,S.M.; ARMSTRONG,D.L.; HUMMEL,S.K.C. & JUNIOR,S. 1988 Successful cryopreservation of gaur (*Bos gaurus*) epididymal spermatozoa.
Journal of Zoo Animal Medicine, 19:195-201
92. HOWARD,J.G.; BUSH,M. & WILDT,D.E. 1986. Semen collection, analysis and cryopreservation in nondomestic animals, in *Current Therapy in Theriogenology*, edited by D.A.Morrow. Philadelphia: W.B. Saunders Comp.: 1047-1053

93. JAISWAL,B.S.; TUR-KASPA,I.; DOR,J.; MASHIACH,S. & EISENBACH,M. 1999 Human sperm chemotaxis: is progesterone a chemoattractant?
Biology of Reproduction, 60:1314-1319
94. JENICHEN,W. 1991. Spermaverdünnung und Konservierung, in *Künstliche Besamung bei Nutztieren*, edited by W.Busch, K.Löhle & W.Peter.
Jena/Germany: Gustav Fischer Verlag: 336-360
95. JEYENDRAN,R.S.; VAN DER VEN,H.H.; ROSECRANS,R.; PEREZ-PELAEZ,M.; AL-HASANI,S. & ZANEVELD,L.J.D. 1989 Chemical constituents of human seminal plasma: relationship to fertility.
Andrologia, 21:423-428
96. JIMENEZ,C.F. 1987 Effects of Equex STM and equilibration time on the pre-freeze and postthaw motility of equine epididymal spermatozoa.
Theriogenology, 28:773-782
97. JOHNSON,L.; AMANN,R.P. & PICKET,B.W. 1980 Maturation of equine epididymal spermatozoa.
American Journal of Veterinary Research, 41:1190-1196
98. JONDET,R.; RABADEUX,Y. & JONDET,M. 1980. Observations on freezability of bull ejaculates using a two-step freezing procedure.
9th International Congress on Animal Reproduction and Artificial Insemination, Madrid, 1980:385
99. JUN TAO; JUNYING DU; KLEINHANS,F.W.; CRITSER,E.S.; MAZUR,P. & CRITSER,J.K. 1995 The effect of collection temperature, cooling rate and warming rate on chilling injury and cryopreservation of mouse spermatozoa.
Journal of Reproduction and Fertility, 104:231-236
100. KALINER,G. & STAAK,C. 1973 A case of orchitis caused by *Brucella abortus* in the African buffalo.
Journal of Wildlife Diseases, 9:251-253

101. KATSKA,L.; RYNSKA,B. & SMORAG,Z. 1996 Effect of seminal plasma on the in vitro fertilizability of bull spermatozoa.
Animal Reproduction Science, 44:23-31
102. KILIAN,I.; LUBBE,K.; BARTELS,P.; FRIEDMANN,Y. & DENNISTON,R.S. 2000 Evaluating epididymal sperm of African wild ruminants: longevity when stored at 4°C and viability following cryopreservation.
Theriogenology, 53:336
103. KILLIAN,G.J.; CHAPMAN,D.A. & ROGOWSKI,L.A. 1993 Fertility-associated proteins in Holstein bull seminal plasma.
Biology of Reproduction, 49:1202-1207
104. KOBAYASHI,T.; KANEKO,S.; HARA,I.; AOKI,R.; OHNO,T. & NOZAWA,S. 1991 Swim-down separation of progressively motile sperm from poor quality human semen by the modified funnel procedure.
Andrologia , 23:17-20
105. KOHANE,A.C.; CAMEO,M.S.; PINEIRO,L.; GARBERI,J.C. & BLAQUIER,J.A. 1980a Distribution and site of production of specific proteins in the rat epididymis.
Biology of Reproduction, 23:181-187
106. KOHANE,A.C.; GONZALES ECHEVERRIA,F.M.C.; PINEIRO,L. & BLAQUIER,J.A. 1980b Interaction of proteins of epididymal origin with spermatozoa.
Biology of Reproduction, 23:737-742
107. KÖNIG,G.J. 1998. Überprüfung der Qualitätsveränderungen von Nebenhodenspermien post mortem bei Stieren.
Dr.med.vet. Thesis, University of Veterinary Medicine Vienna
108. KRZYWINSKI,A. 1980. Freezing of "post mortem" collected semen from moose (*Alces alces*) and red deer (*Cervus elaphus*).
9th International Congress on Animal Reproduction and Artificial Insemination

109. KÜHNE,A. 1996. Einfluß des Seminalplasmas auf die Tiefgefriereignung von Hengstsperma.
Dr.med.vet. Thesis, Tierärztliche Hochschule Hannover
110. LAMBRECHTS,H.; VAN NIEKERK,F.E.; COETZER,W.A.; CLOETE,S.W.P. & VAN DER HORST G. 1999 The effect of cryopreservation on the survivability, viability and motility of epididymal African buffalo (*Syncerus caffer*) spermatozoa.
Theriogenology, 52:1241-1249
111. LECHTZIN,N.; GARSIDE,W.; HEYNER,S. & HILLMAN,N. 1991 Glass-bead column separation of motile and nonmotile human spermatozoa.
Journal of in Vitro Fertilization & Embryo Transfer, 8:96-100
112. LENGWINAT,T. & BLOTTNER,S. 1994 In vitro fertilization of follicular oocytes of domestic cat using fresh and cryopreserved epididymal spermatozoa.
Animal Reproduction Science, 35:291-301
113. LOSKUTOFF,N.M.; SIMMONS,H.A.; GOULDING,M.; THOMPSON,G.; DE JONGH,T. & SIMMONS,L.G. 1996 Species and individual variations in cryoprotectant toxicities and freezing resistances of epididymal sperm from African antelope.
Animal Reproduction Science, 42:527-535
114. LUBBE,K.; BARTELS,P.; KILIAN,I.; FRIEDMAN,Y. & MORTIMER,D. 2000 Post-thaw viability of African buffalo (*Syncerus caffer*) epididymal sperm following different equilibration periods.
115. MAGISTRINI,M., TINEL,C., NOUE,P. & PALMER,E. 1988. Correlations between characteristics of frozen spermatozoa from ejaculates or perfusates from epididymidis caudae and proximal deferent ducts in a group of stallions.
11th International Congress on Animal Reproduction and Artificial Insemination, Dublin, Ireland
116. MANN,T. 1964. *The biochemistry of semen and of the male reproductive tract.* London: Methuen & Co Ltd.