

References

- Alexander,K.A., Kat,P.W., Munson,L.A., Kalake,A. & Appel,M.J.G. 1996. Canine distemper-related mortality among wild dogs (*Lycaon pictus*) in Chobe National Park in Botswana. *Journal of Zoo & Wildlife Medicine*, 27, 426-427.
- Bachmann,M.H., Mathiason-Dubard,C., Learn,G.H., Rodrigo,A.G., Sodora,D.L., Mazzetti,P., Hoover,E.A. & Mullins,J.I. 1997. Genetic diversity of feline immunodeficiency virus: Dual infection, recombination, and distinct evolutionary rates among envelope sequence clades. *Journal of Virology*, 71, 4241-4253.
- Barnard,B.J.H., Hassel,R.H., Geyer,H.J. & De Koker,W.C. 1982. Non-bite transmission of rabies in kudu (*Tragelaphus strepsiceros*). *Onderstepoort Journal of Veterinary Research*, 49, 191-192.
- Benveniste,R.E.; Sherr,C.J.; Todaro,G.J. 1975. Evolution of type C viral genes: origin of feline leukemia virus. *Science*, 190, 886-888.
- Berry,H.H. 1993. Surveillance and control of anthrax and rabies in wild herbivores and carnivores in Namibia. *Revue scientifique et technique - office international des epizooties*, 12, 137-146.
- Brown,E.W., Olmsted,R.A., Martenson,J.S. & O'Brien,S.J. 1993. Exposure to FIV and FIPV in Wild and Captive Cheetahs. *Zoo Biology*, 12, 135-142.
- Calzolari,M., Young,E., Cox,D., Davis,D. & Lutz,H. 1995. Serological diagnosis of feline immunodeficiency virus infection using recombinant transmembrane glycoprotein. *Veterinary Immunology & Immunopathology*, 46, 83-92.
- Caro,T.M. 1994. *Cheetahs of the Serengeti plains: Group living in an asocial species*. The University of Chicago Press, Chicago.
- Caro,T.M., Holt,M.E., Fitzgibbon,C.D., Bush,M., Hawkey,C.M. & Kock,R.A. 1987. Health of adult free-living cheetahs. *Journal of Zoology London*, 212, 573-584.
- Caro,T.M. & Laurenson,M.K. 1994. Ecological and Genetic Factors in Conservation: A Cautionary Tale. *Science*, 263, 485-486.
- East,M., Hofer,H., Cox,J.H., Wulle,U., Wilk,H. & Pitra,C. 2001. Regular exposure to rabies virus and lack of symptomatic disease in Serengeti spotted hyenas. *Proceedings of the National Academy of Sciences*, 98, 15026-15031.
- Eaton,K.A., Radin,M.J., Kramer,L., Wack,R., Sherding,R., Krakowka,S., Fox,J.G. & Morgan,D.R. 1993. Epizootic gastritis associated with gastric spiral bacilli in cheetahs (*Acinonyx jubatus*). *Veterinary Pathology*, 30, 55-63.
- Engel,J. 1997. *Signifikante Schule der schlichten Statistik*. Fürth: Filander Verlag.

- Evermann,J.F. 1986. Feline coronavirus infection of cheetahs. *Feline Practice*, 16, 21-30.
- Evermann,J.F., Heeney,J.L., Roelke,M.E., McKeirnan,A.J. & O'Brien,S.J. 1988. Biological and pathological consequences of feline infectious peritonitis virus infection in the cheetah. *Archives of Virology*, 102, 155-172.
- Evermann,J.F., Laurenson,M.K., McKeirnan,A.J. & Caro,T.M. 1993. Infectious disease surveillance in captive and free-living cheetahs: An integral part of the species survival plan. *Zoo Biology*, 12, 125-133.
- Filoni,C. 2006. Survey for selected infections in Brazilian free-ranging felids. Doctor of Veterinary Medicine. Universidade de Sao Paulo, Veterinary Faculty, Brazil
- Grisham,J. & Killmar,L. 1997. Species survival plan (SSP) surveillance of feline immunodeficiency virus (FIV) in cheetahs *Acinonyx jubatus* in North America. *International Zoo Yearbook*, 35, 71-73.
- Gut,M., Leutenegger,C.M., Huder,J., Pedersen,N.C. & Lutz,H. 1999. One-tube fluorogenic reverse transcription-polymerase chain reaction for the quantitation of feline coronavirus. *Journal of Virological Methods*, 77, 37-46.
- Heeney,J.L., Evermann,J.F., McKeirnan,A.J., Marker-Kraus,L., Roelke,M.E., Bush,M., Wildt,D.E., Meltzer,D.G. & Colly,L.P. 1990. Prevalence and implications of feline coronavirus infections of captive and free-ranging cheetahs (*Acinonyx jubatus*). *Journal of Virology*, 64, 1964-1972.
- Helps,C., Lait,P., Tasker,S. & Harbour,D. 2005. Melting curve analysis of feline calicivirus isolates detected by real-time reverse transcriptase PCR. *Journal of Virological Methods*, 106, 241-244.
- Hofmann-Lehmann,R., Fehr,D., Grob,M., Elgizoli,M., Packer,C., Martenson,J.S., O'Brien,S.J. & Lutz,H. 1996. Prevalence of antibodies to feline parvovirus, calicivirus, herpesvirus, coronavirus, and immunodeficiency virus and of feline leukemia virus antigen and the interrelationship of these viral infections in free-ranging lions in East Africa. *Clinical & Diagnostic Laboratory Immunology*, 3, 554-562.
- Hofmann-Lehmann,R., Huder,J.B., Gruber,S., Boretti,F., Sigrist,B. & Lutz,H. 2001. Feline leukaemia provirus load during the course of experimental infection and in naturally infected cats. *Journal of General Virology*, 82, 1589-1596.
- Junge,R.E., Miller,R.E., Boever,W.J., Scherba,G. & Sundberg,J. 1991. Persistent cutaneous ulcers associated with feline herpesvirus type 1 infection in a cheetah. *Journal of the American Veterinary Medical Association*, 198, 1057-1058.
- Kania,S.A., Kennedy,M.A. & Potgieter,L.N. 1997. Serologic reactivity using conserved envelope epitopes to feline lentivirus-infected felids. *Journal of Veterinary Diagnostic Investigations*, 9, 125-129.
- Laurenson,M.K. 1994. High juvenile mortality in cheetahs (*Acinonyx jubatus*) and its consequences for maternal care. *Journal of Zoology London*, 234, 387-408.

- Laurenson,M.K. 1995. Cub growth and maternal care in cheetahs. *Behavioral Ecology*, 6, -409.
- Lehmann,R., Franchini,M., Aubert,A., Wolfensberger,C., Cronier,J., Lutz,H. 1991. Vaccination of cats experimentally infected with feline immunodeficiency virus, using a recombinant feline leukemia virus vaccine. *Journal of the American Veterinary Medical Association*, 199, 1446-1452.
- Leutenegger,C.M., Klein,D., Hofmann-Lehmann,R., Mislin,C., Hummel,U., Boni,J., Boretti,F., Guenzburg,W.H. & Lutz,H. 1999. Rapid feline immunodeficiency virus provirus quantitation by polymerase chain reaction using the TaqMan(R) fluorogenic real-time detection system. *Journal of Virological Methods*, 78, 105-116.
- Lutz,H., Pedersen,N., Higgins,J., Hübscher,U., Troy,F.A. & Theilen,G.H. 1980. Humoral Immune Reactivity to Feline Leukemia Virus and Associated Antigens in Cats Naturally Infected with Feline Leukemia Virus. *Cancer Research*, 40, 3642-3651.
- Lutz,H., Pedersen,N.C., Durbin,R., Theilen,G.H. 1983a. Monoclonal antibodies to three epitopic regions of feline Leukemia Virus p27 and their use in Enzyme-Linked-Immunosorbent Assay of p27. *Journal of Immunological Methods*, 56, 209-220.
- Lutz,H., Pedersen,N.; Theilen,G.H. 1983b. Course of feline leukemia virus infection and its detection by enzyme-linked immunosorbent assay and monoclonal antibodies. *American Journal of Veterinary Research*, 44, 2054-2059
- Lutz,H., Hauser,B. & Horzinek,M. 1984. Die Diagnostik der feline infektiösen Peritonitis mittels Serologie. *Praktischer Tierarzt*, 5, 406-407.
- Lutz,H., Arnold,P., Hübscher,U., Egberink,H., Pedersen,N. & Horzinek,M.C. 1988. Specificity assessment of feline T-lymphotropic lentivirus serology. *Journal of Veterinary Medicine Series B*, 35, 773-778.
- Mansfield,K., McElhinney,L., Hübschle,O., Mettler,F., Sabela,C., Nel,L.H. & Fooks,R. 2006. A molecular epidemiological study of rabies epizootics in kudu (*Tragelaphus strepsiceros*) in Namibia. *BMC Veterinary Research*, 2, doi:10.1186/1746-6148-2-2.
- Marker,L. 2000. Aspects of the ecology of the cheetah (*Acinonyx jubatus*) on North Central Namibian farmlands. *Namibia Scientific Society*, 48, 40-48.
- Marker,L., Munson,L., Basson,P.A. & Quackenbusch,S. 2003a. Multicentric T-cell lymphoma associated with feline leukemia virus infection in a captive Namibian cheetah (*Acinonyx jubatus*). *Journal of Wildlife Diseases*, 39, 690-695.
- Marker,L.L., Muntifering,J.R., Dickman,A.J., Mills,M.G.L. & Macdonald,D.W. 2003b. Quantifying prey preferences of free-ranging Namibian cheetahs. *South African Journal of Wildlife Research*, 33, 43-53.
- Marker,L.L. & Dickman,A.J. 2003. Morphology, physical condition, and growth of the cheetah (*Acinonyx jubatus*). *Journal of Mammalogy*, 84, 840-850.

- May,R.M. 1995. The cheetah controversy. *Nature*, 374, 309-310.
- Meli,M., Kipar,A., Müller,C., Jenal,K., Gönczi,E., Borel,N., Gunn-Moore,D., Chalmers,S., Lin,F., Reinacher,M. & Lutz,H. 2004. High viral loads despite absence of clinical and pathological findings in cats experimentally infected with feline coronavirus (FCoV) type I and in naturally FCoV-infected cats. *Journal of Feline Medicine and Surgery*, 6, 69-81.
- Mendelsohn,J., Jarvis,A., Roberts,C. & Robertson,T. 2002. *Atlas of Namibia - a portrait of the land and its people*. David Philip Publishers, Cape Town, RSA
- Merola,M. 1994. A reassessment of homozygosity and the case for inbreeding depression in the cheetah, *Acinonyx jubatus*: Implications for conservation. *Conservation Biology*, 8, 961-971.
- Munson,L. 1993. Diseases of captive cheetahs (*Acinonyx jubatus*): Results of the Cheetah Research Council pathology survey, 1989-1992. *Zoo Biology*, 12, 105-124.
- Munson,L., Marker,L., Dubovi,E., Spencer,J.A., Evermann,J.F. & O'Brien,S.J. 2004. Serosurvey of viral infections in free-ranging Namibian cheetahs (*Acinonyx jubatus*). *Journal of Wildlife Diseases*, 40, 23-31.
- Munson,L., Nesbit,J.W., Meltzer,D.G.A., Colly,L.P., Bolton,L. & Kriek,N.P.J. 1999. Diseases of captive cheetahs (*Acinonyx jubatus jubatus*) in South Africa: A 20-year retrospective survey. *Journal of Zoo & Wildlife Medicine*, 30, 342-347.
- Munson,L., Terio,K.A., Worley,M., Jago,M., Bagot-Smith,A. & Marker,L. 2005. Extrinsic factors significantly affect patterns of disease in free-ranging and captive cheetahs (*Acinonyx jubatus*) populations. *Journal of Wildlife Diseases*, 41, 542-548.
- O'Brien,S.J. & Evermann,J.F. 1988. Interactive influence of infectious disease and genetic diversity in natural populations. *Trends in Ecology and Evolution*, 3, 254-259.
- O'Brien,S.J., Roelke,M., Bush,M., Martenson,J., Eichelberger,M., Evermann,J.F., Marker,L. & Wildt,D.E. 1998. Genetic basis for species vulnerability in an endangered species the african cheetah. American Association for the Advancement of Science Abstracts of Papers of the National Meeting, 154.
- O'Brien,S.J., Roelke,M.E., Marker,L., Newman,A., Winkler,C.A., Meltzer,D., Colly,L., Evermann,J.F., Bush,M. & Wildt,D.E. 1985. Genetic basis for species vulnerability in the cheetah. *Science*, 227, 1428-1434.
- O'Brien,S.J., Wildt,D.E., Gildman,D., Merril,C.R. & Bush,M. 1983. The cheetah is depauperate in genetic variation. *Science*, 221, 459-462.
- Olmsted,R.A., Langley,R., Roelke,M.E., Goelken,R.M., Adger-Johnson,D., Goff,J.P., Albert,J.P., Packer,C. & Laurenson,M.K. 1992. Worldwide prevalence of lentivirus infection in wild feline species: epidemiologic and phylogenetic aspects. *Journal of Virology*, 66, 6008-6018.

- Osofsky,S.A., Hirsch,K.J., Zuckerman,E.E. & Hardy,W.D. 1996. Feline lentivirus and feline oncovirus status of free-ranging lions (*Panthera leo*), leopards (*Panthera pardus*), and cheetahs (*Acinonyx jubatus*) in Botswana: A regional perspective. *Journal of Zoo & Wildlife Medicine*, 27, 453-467.
- Osterhaus, A.D.M.E., Horzinek,M.C., Reynolds,D.J. 1977. Seroepidemiology of feline infectious peritonitis virus infections using transmissible gastroenteritis virus as antigen. *Zentralblatt für Veterinärmedizin - Reihe B*, 24, 835-841
- Ramsauer,S., Bay,G., Meli,M., Hofmann-Lehmann,R., Lutz,H. 2007. Seroprevalence of selected infectious agents in a free-ranging, low-density lion population in the Central Kalahari Game Reserve in Botswana. 2007. *Clinical and Vaccine Immunology*.16, 808-810
- Roelke-Parker,M.E., Munson,L., Packer,C., Kock,R., Cleaveland,S., Carpenter,M., O'Brien,S.J., Pospisichl,A., Hofmann-Lehmann,R., Lutz,H., Mwamengele George,L.M., Mgasa,M.N., Machange,G.A., Summers,B.A. & Appel,M.J.G. 1996. A canine distemper virus epidemic in Serengeti lions (*Panthera leo*). *Nature*, 379, 441-445.
- Rolle,M. & Mayr,A. 1993. *Medizinische Mikrobiologie, Infektions- und Seuchenlehre*, 1993. 5th edn. Enke Verlag, Stuttgart, Germany
- Swanepoel,R., Barnard,B.J.H., Meredith,C.D., Bishop,G.C., Bruckner,G.K., Foggin,C.M. & Hübschle,O.J.B. 1993. Rabies in southern Africa. *Onderstepoort Journal of Veterinary Research*, 60, 325-346.
- Thomson,G.R. & Meredith,C.D. 1993. Rabies in bat-eared foxes in South Africa. *Onderstepoort Journal of Veterinary Research*, 60, 399-403.
- Van Vuuren,M., Stylianides,E., Kania,S.A., Zuckerman,E.E., Hardy, W.D., Jr. 2003. Evaluation of an indirect enzyme-linked immunosorbent assay for the detection of feline lentivirus-reactive antibodies in wild felids, employing a puma lentivirus-derived synthetic peptide antigen. *Onderstepoort Journal of Veterinary Research*. 70, 1-6.
- Vöglin,A., Fraefel,C., Albini,S., Leutenegger,C.M., Schraner,E., Spiess,B., Lutz,H. & Ackermann,M. 2002. Quantification of feline herpesvirus-1 DNA in ocular fluid samples of clinically diseased cats by real-time Taqman PCR. *Journal of Clinical Microbiology*, 2002, 519-523.
- Wachter,B., Jauernig,O. & Breitenmoser,U. 2006. Determination of prey hair in faeces in free-ranging Namibian cheetahs with a simple method. *Cat News*, 44, 8-9.
- Wandeler,A. 1993. Wildlife rabies in perspective. *Onderstepoort Journal of Veterinary Research*, 60, 347-350.
- Yuhki,N. & O'Brien,S.J. 1990. DNA variation of the mammalian major histocompatibility complex reflects genomic diversity and population history. *Proceedings of the National Academy of Sciences of the United States of America*, 87, 836-840.