

Prof Marinda Oosthuizen

LIST OF PUBLICATIONS:

1. Chaisi ME, Janssens ME, Vermeiren L, **Oosthuizen MC**, Collins NE, Geysen D. **2013**. Evaluation of a real-time PCR test for the differentiation of *Theileria* species in the African buffalo (*Syncerus caffer*). *PLOS ONE*, 8 (10), e75827.
2. Chaisi ME, NE Collins, **MC Oosthuizen**. Phylogeny of *Theileria buffeli* genotypes identified in the South African buffalo (*Syncerus caffer*) population. Accepted for publication (2013) in *Veterinary Parasitology*.
3. Zeiler GE, van der Zwan H, **Oosthuizen MC**. **2013**. Genetic testing of canine degenerative myelopathy in the South African boxer dog population. *Journal of the South African Veterinary Association*, 84(1), Art.#1005, 5 pages. <http://dx.doi.org/10.4102/jsava.v84i1.1005>.
4. Bosman AM, **Oosthuizen MC**, Venter EH, Steyl JAC, Gouws TA, Penzhorn BL. **2013**. *Babesia lengau* associated with cerebral and haemolytic babesiosis in two domestic cats. *Parasites & Vectors*, 6:128.
5. Chaisi ME, NE Collins, FT Potgieter, **MC Oosthuizen**. **2013**. Sequence variation identified in the 18S rRNA gene of *Theileria mutans* and *Theileria velifera* from the African buffalo (*Syncerus caffer*). *Veterinary Parasitology*, 191: 132– 137.
6. He L, Feng H-H, Zhang W-J, Zhang Q-L, Fang R, Wang L-X, Tu P, Zhou Y-Q, Zhao J-L, **Oosthuizen MC**. 2012. Occurrence of *Theileria* and *Babesia* species in water buffalo (*Bubalus bubalis*, Linnaeus, 1758) in the Hubei province, South China. *Veterinary Parasitology*, 186: 490 – 496.
7. Brothers PS, Collins NE, **Oosthuizen MC**, Bhoora R, Troskie M, Penzhorn BL. 2011. Occurrence of blood-borne tick-transmitted parasites in common tsessebe (*Damaliscus lunatus*) antelope in Northern Cape Province, South Africa. *Veterinary Parasitology* 183(1-2):160-165.
8. Sibeko KP, NE Collins, **MC Oosthuizen**, M Troskie, FT Potgieter, JAW Coetzer, D Geysen. **2011**. Analyses of genes encoding *Theileria parva* p104 and polymorphic immunodominant molecule (PIM) reveal evidence of the presence of cattle-type alleles in the South African *T. parva* population. *Veterinary Parasitology* 181(2-4):120-130.
9. Chaisi ME, KP Sibeko, NE Collins, FT Potgieter, **MC Oosthuizen**. 2011. Identification of *Theileria parva* and *Theileria* sp. (buffalo) 18S rRNA gene sequence variants in the African Buffalo (*Syncerus caffer*) in southern Africa. *Veterinary Parasitology* 182(2-4):150-162.
10. Govender D, **MC Oosthuizen** and BL Penzhorn. 2011. Piroplasm parasites of white rhinoceroses (*Ceratotherium simum*) in the Kruger National Park, and their relation to anaemia. *Journal of the South African Veterinary Association* 82(1): 36–40.
11. Pfizer S, **Oosthuizen MC**, Bosman A-M, Vorster I & Penzhorn BL. **2011**. Tick-borne blood parasites in nyala (*Tragelaphus angasii*, Gray 1849) from KwaZulu-Natal, South Africa. *Veterinary Parasitology* 176: 126–131.
12. Sibeko KP, D Geysen, **MC Oosthuizen**, C Matthee, M Troskie, FT Potgieter & NE Collins. **2010**. Four p67 genotypes identified in South African *Theileria parva* field samples. *Veterinary Parasitology* 167: 244-254.
13. Bosman A-M, **Oosthuizen MC**, Venter EH & Penzhorn BL. **2010**. Identification of a novel *Babesia* sp. in South African cheetah (*Acinonyx jubatus*, Schreber, 1775) populations. *Journal of Clinical Microbiology* 48: 2703-2708.
14. Liu Q, Zhou YQ, He GS, **Oosthuizen MC**, Zhou DN, Zhao JL. **2010**. Molecular phylogenetic studies on *Theileria* spp. isolates (China) based on small subunit ribosomal RNA gene sequences. *Tropical Animal Health and Production* 42(1):109-14.
15. Woma TY, van Vuuren M, Bosman A-M, Quan M, **Oosthuizen MC**. **2010**. Phylogenetic Analysis of the Haemagglutinin Gene of Current Wild-type Canine Distemper Viruses from South Africa: lineage Africa. *Veterinary Microbiology* 143: 126-32.

16. Woma, TY, Van Vuuren, M., Bosman, A-M, Quan M., **Oosthuizen, M.**, Bwala DG, Ibu, JO, Ularamu, HG, Shamaki D. **2010**. Genetic Variant of Canine Distemper Virus from Clinical Cases in Vaccinated Dogs in South Africa. *Nigerian Veterinary Journal* 31(1): 14-25.
17. **Oosthuizen MC**, BA Allsopp, M Troskie, NE Collins, BL Penzhorn. **2009**. Identification of novel *Babesia* and *Theileria* species in South African giraffe (*Giraffa camelopardalis*, Linnaeus, 1758) and roan antelope (*Hippotragus equinus*, Desmarest 1804). *Veterinary Parasitology* 163: 39–46.
18. Lan He, Yan-Qin Zhou, **Marinda C. Oosthuizen**, Jun-Long Zhao. **2009**. Loop-mediated isothermal amplification (LAMP) detection of *Babesia orientalis* in water buffalo (*Bubalus bubalis*, Linnaeus, 1758) in China. *Veterinary Parasitology* 165:36-40.
19. Van Dyk E, **MC Oosthuizen**, A-M Bosman, PJ Nel, D Zimmerman & EH Venter. **2009**. Detection of bovine papillomavirus DNA in sarcoid-affected and healthy free-roaming zebra (*Equus zebra*) populations in South Africa. *Archives of Virology. Journal of Virological Methods* 158: 141–151.
20. Bhoora R, Franssen L, **MC Oosthuizen**, AJ Guthrie, E Zweygarth, B Penzhorn, F Jongejan and NE Collins. **2009**. Variation in 18S rRNA gene sequences of *Theileria equi* and *Babesia caballi* in South Africa. *Veterinary Parasitology* 159: 112–120.
21. **Oosthuizen MC**, E Zweygarth, NE Collins & BL Penzhorn. **2008**. Molecular characterization of a *Babesia* sp. from sable antelope. *Journal of Clinical Microbiology* 46: 2247–2251.
22. Matjila PT, AL Leisewitz, **MC Oosthuizen**, F Jongejan; BL Penzhorn. **2008**. Detection of a *Theileria* species in dogs in South Africa. *Veterinary Parasitology* 157: 34–40.
23. Sibeko KP, **MC Oosthuizen**, NE Collins, D Geysen, NE Rambrith, AA Latif, HT Groeneveld, FT Potgieter and JA Coetzer. **2008**. Development and evaluation of a real-time polymerase chain reaction test for the detection of *Theileria parva* infections in Cape buffalo (*Synicerus caffer*) and cattle. *Veterinary Parasitology* 155: 37–48.
24. Thompson BE, AA Latif, **MC Oosthuizen**, M Troskie and BL Penzhorn. **2008**. Occurrence of *Theileria parva* infection in cattle on a farm in the Ladysmith district, KwaZulu-Natal, South Africa. *Journal of the South African Veterinary Association* 79(1): 31–35.
25. Penzhorn BL, **MC Oosthuizen**, A-M Bosman, JW Kilian & IG Horak. **2008**. Black rhinoceros *Diceros bicornis* populations in northwestern Namibia are apparently not infected with piroplasms. *Journal of Wildlife Diseases* 44(4): 1032-1035.
26. Pretorius JA, **MC Oosthuizen** & M van Vuuren. **2008**. Investigation of the gammaherpesvirus carrier status of black wildebeest (*Connochaetes gnou*). *Journal of the South African Veterinary Association* 79(3): 136–141.
27. **Oosthuizen MC**, B. Steyn, J. Theron, A. von Holy & VS Brözel. **2002**. Proteomic analysis reveals differential protein expression by *Bacillus cereus* during biofilm formation. *Applied and Environmental Microbiology* 68: 2770 – 2780.
28. Lindsay D, **MC Oosthuizen**, VS Brözel & A von Holy. **2002**. Adaptation of a neutrophilic dairy-associated *B. cereus* isolate to alkaline. *Journal of Applied Microbiology* 92: 81 -89.
29. Steyn B, **MC Oosthuizen**, R MacDonald, J Theron & VS Brözel. **2001**. The use of glass wool as an attachment surface for studying phenotypic changes in *Pseudomonas aeruginosa* biofilms by 2-DE. *Proteomics* 1: 871 - 879.
30. **Oosthuizen MC**, B Steyn, D Lindsay, VS Brözel & A von Holy. **2001**. Novel method for the proteomic investigation of a dairy-associated *Bacillus cereus* biofilm. *FEMS Microbiology Letters* 144: 47 - 51.
31. **Oosthuizen MC**, JJ Joubert, S Supavej & PL Steyn. **2000**. Gel electrophoretic studies on some aerobic Gram negative heparin degrading bacteria from Asian soil. *Mahidol Journal* 7: 109 - 114.
32. M'Leod, ES, Z Dawood, R MacDonald, **MC Oosthuizen**, J Graf, PL Steyn & VS Brözel. **1998**. Isolation and identification of sulphite- and iron reducing, hydrogenase positive facultative anaerobes from cooling water systems. *Systematic and Applied Microbiology* 21: 297 - 305.

PUBLISHED CONFERENCE ABSTRACTS:

1. Debeila E, Collins NE, Matjila PT, Penzhorn BL & **Oosthuizen MC**. Detection of *Ehrlichia* species of the African buffalo (*Syncerus caffer*) by means of the Reverse Line Blot (RLB) hybridization assay. *Journal of the South African Veterinary Association* (2011) 82(4): 264–273 (39th Congress of the Parasitological Society of Southern Africa (PARSA), Drakensville, South Africa, 10 -13 October 2010)
2. Chaisi ME, Janssens ME, Vermeiren L, Sibeko KP, Troskie M, Collins NE, **Oosthuizen MC** & Geysen D. Validation of a "pan" FRET RT-PCR test for the discrimination of *Theileria* species in cattle and African buffalo (*Syncerus caffer*). *Journal of the South African Veterinary Association* (2011) 82(4): 264–273 (39th Congress of the Parasitological Society of Southern Africa (PARSA), Drakensville, South Africa, 10 -13 October 2010)
3. Sibeko KP, Collins NE, Oosthuizen MC, Troskie M, Potgieter FT, Coetzer JAW, Geysen D (2010). Possible presence of cattle-derived *Theileria parva* parasites in South Africa. Poster presented at the 13th International Conference of the Association of Institutions for Tropical Veterinary Medicine (AITVM), Bangkok, Thailand and at the 39th Annual Congress of the Parasitological Society of Southern Africa (PARSA), Drakensville, South Africa. Abstract published in *Journal of the South African Veterinary Association* (2011) 82: 264–273.
4. A-M Bosman, M C Oosthuizen, E H Venter and B L Penzhorn. Description of *Babesia lengau* infecting cheetah from southern Africa. *Journal of the South African Veterinary Association* (2011) 82(4): 264–273 (39th Congress of the Parasitological Society of Southern Africa (PARSA), Drakensville, South Africa, 10 -13 October 2010)
5. A-M Bosman, M C Oosthuizen, E H Venter and B L Penzhorn. The characterisation of *Babesia* spp. in felids in southern Africa. *Journal of the South African Veterinary Association* (2011) 82(4): 264–273 (39th Congress of the Parasitological Society of Southern Africa (PARSA), Drakensville, South Africa, 10 -13 October 2010)
6. D P Malatji, B L Penzhorn, M C Oosthuizen and P T Matjila. Detection of *Babesia rossi* genotypes using real-time PCR assay. *Journal of the South African Veterinary Association* (2011) 82(4): 264–273 (39th Congress of the Parasitological Society of Southern Africa (PARSA), Drakensville, South Africa, 10 -13 October 2010)
7. Chaisi ME, NE Collins and **MC Oosthuizen**. 2010. Molecular characterization of *Theileria* species of the African buffalo (*Syncerus caffer*) by 18S rRNA gene sequence analysis. *Journal of the South African Veterinary Association*. (2010) 81(3): 178–187. (38th Annual Congress of the Parasitological Society of Southern Africa (PARSA), Magaliesberg Conference Centre, Broederstroom, South Africa)
8. He L, Y-Q Zhou, **MC Oosthuizen** and J-L Zhao. 2010. Loop-mediated isothermal amplification (LAMP) detection of *Babesia orientalis* in water buffalo (*Bubalus babalis*, Linnaeus 1758) in China. *Journal of the South African Veterinary Association*. (2010) 81(3): 178–187. (38th Annual Congress of the Parasitological Society of Southern Africa (PARSA), Magaliesberg Conference Centre, Broederstroom, South Africa)
9. Bosman A-M, **MC Oosthuizen**, EH Venter and BL Penzhorn. 2010. The detection of *Babesia* spp. in domestic felids (*Felis domesticus*) using DNA probes and phylogenetic analysis. *Journal of the South African Veterinary Association*. (2010) 81(3): 178–187. (38th Annual Congress of the Parasitological Society of Southern Africa (PARSA), Magaliesberg Conference Centre, Broederstroom, South Africa)
10. van Dyk E, **MC Oosthuizen** & EH Venter. 2009. Sequence Polymorphisms in MHC Class II DRB and DQB genes in Sarcoid-affected Cape mountain zebra (*Equus zebra zebra*) herds in South Africa. *Journal of Equine Veterinary Science* 29: 320-321.
11. Bosman A-M, **MC Oosthuizen**, EH Venter and BL Penzhorn. A novel *Babesia* sp. found in Cheetahs (*Acinonyx jubatus*) In South Africa. *Journal of the South African Veterinary Association* (2009) 80(2): 126–140 (37th Annual Conference of the Parasitological Society of

- Southern Africa (PARSA), Faculty of Veterinary Science and Onderstepoort Veterinary Institute, Onderstepoort, Pretoria, South Africa, 1-3 October **2008**.) (Poster)
- 12. M Chaisi, F Potgieter, K Sibeko, M Troskie, N Collins, M Oosthuizen. Identification of *Theileria mutans* genotypes from African buffalo using 18S rRNA gene sequence analysis *Journal of the South African Veterinary Association* (2009) 80(2): 126–140 (37th Annual Conference of the Parasitological Society of Southern Africa (PARSA), Faculty of Veterinary Science and Onderstepoort Veterinary Institute, Onderstepoort, Pretoria, South Africa, 1-3 October **2008**.) (Oral)
 - 13. Matjila TP, AL Leisewitz, **MC Oosthuizen**, F Jongejan and BL Penzhorn. Detection of a *Theileria* sp. isolated from dogs in South Africa. *Journal of the South African Veterinary Association* (2009) 80(2): 115–125 (36th Congress of the Parasitological Society of Southern Africa (PARSA), Pestana Kruger Lodge, Malelane, South Africa, September **2007**.) (Paper)
 - 14. Boohra R, E Zweygarth, AJ Guthrie, L Franssen, F Jongejan, **MC Oosthuizen**, BL Penzhorn and NE Collins. Characterization of South African *Theileria equi* and *Babesia caballi* isolates based on 18S rRNA gene sequences. *Journal of the South African Veterinary Association* (2009) 80(2): 115–125 (36th Congress of the Parasitological Society of Southern Africa (PARSA), Pestana Kruger Lodge, Malelane, South Africa, September **2007**.) (Paper)
 - 15. Bosman A-M, K Ebersohn, **MC Oosthuizen**, EH Venter, W Kilian and BL Penzhorn. Prevalence of blood parasites in lions in Southern Africa. *Journal of the South African Veterinary Association* (2009) 80(2): 115–125 (36th Congress of the Parasitological Society of Southern Africa (PARSA), Pestana Kruger Lodge, Malelane, South Africa, September **2007**.) (Paper)
 - 16. Chaisi ME, KP Sibeko, NE Collins and **MC Oosthuizen**. *Theileria* species infection in the Cape buffalo (*Synacerus caffer*) in two game parks in South Africa. *Journal of the South African Veterinary Association* (2009) 80(2): 115–125 (36th Congress of the Parasitological Society of Southern Africa (PARSA), Pestana Kruger Lodge, Malelane, South Africa, September **2007**.) (Poster)
 - 17. Sibeko KP, NE Collins and **MC Oosthuizen**, D Geysen. Characterization of South African *Theileria parva* isolates by PCR-RFLP analysis of the parasite antigen gene, polymorphic immunodominant molecule (PIM). *Journal of the South African Veterinary Association* (2009) 80(2): 115–125 (36th Congress of the Parasitological Society of Southern Africa (PARSA), Pestana Kruger Lodge, Malelane, South Africa, September **2007**.) (Poster)
 - 18. **Oosthuizen MC**, AM Bosman, NE Collins and BL Penzhorn. **2007**. Molecular characterisation of a *Babesia* sp. from sable antelope. *Journal of the South African Veterinary Association*. (2007) 78(2): 99–113. (35th Annual Congress of the Parasitological Society of Southern Africa (PARSA), Windhoek, Namibia)
 - 19. Sibeko KP, **MC Oosthuizen**, D Geysen and NE Collins. **2007**. Genetic diversity of South African *Theileria parva* isolates. *Journal of the South African Veterinary Association*. (2007) 78(2): 99–113. (35th Annual Congress of the Parasitological Society of Southern Africa (PARSA), Windhoek, Namibia)
 - 20. Gomersall D, NJ Smit, **MC Oosthuizen**, BL Penzhorn and AJ Leslie. **2007**. Molecular phylogenetic analysis of crocodilian blood protozoans of the genus *Hepatozoon*. *Journal of the South African Veterinary Association*. (2007) 78(2): 99–113. (35th Annual Congress of the Parasitological Society of Southern Africa (PARSA), Windhoek, Namibia)
 - 21. **Oosthuizen MC**, NE Collins and BL Penzhorn. **2006**. Piroplasmosis as a possible cause of mortality in giraffes. *Journal of the South African Veterinary Association*. 77(2): 92–103. (34th Congress of the Parasitological Society of Southern Africa (PARSA), Magoebaskloof, South Africa)
 - 22. Sibeko KP, N Collins, **MC Oosthuizen** and D Geysen. **2006**. Characterization of South African *Theileria parva* Isolates. *Journal of the South African Veterinary Association*. 77(2): 92–103. (34th Congress of the Parasitological Society of Southern Africa (PARSA), Magoebaskloof, South Africa)

23. Bosman A-M, **MC Oosthuizen**, EH Venter and BL Penzhorn. **2006**. Phylogenetic analysis of *Babesia* parasites in cheetahs in South Africa. *Journal of the South African Veterinary Association*. 77(2): 92–103. (34th Congress of the Parasitological Society of Southern Africa (PARSA), Magoebaskloof, South Africa)
24. Schutte GC, AA Visser, **MC Oosthuizen** & JM Kotzé. **1996**. The use of Random amplified polymorphic DNA markers for the detection of genetic diversity in *Phyllosticta citricarpa*. *Proceedings of the International Society of Citriculture* 1: 373 - 378.

INTERNATIONAL CONFERENCE OUTPUTS (Note: only reflected until 2005. Also national outputs not reflected):

1. Chaisi ME, He L, Collins NE & Oosthuizen MC. Sequence variation and molecular phylogeny of novel *T. buffeli*-like and *T. sinensis*-like genotypes of the African buffalo based on 18S rRNA and ITS gene sequences. 11th Biennial Conference of the Society for Tropical Veterinary Medicine (STVM), Orvieto, **Italy**, 19 -22 September **2012**. (oral)
2. Eygelaar D, Jori F, Mokopasteso M, Debeila EM, Collins NE, Vorster I, Troskie M, **Oosthuizen MC**. Occurrence of tick-borne haemoparasites in the African buffalo (*Syncerus caffer*) from northern Botswana. 11th Biennial Conference of the Society for Tropical Veterinary Medicine (STVM), Orvieto, **Italy**, 19 -22 September **2012**. (Poster presentation)
3. Chaisi ME, He L, Collins NE & **Oosthuizen MC**. Molecular characterization of novel *T. buffeli*-like and *T. sinensis*-like genotypes of the African buffalo (*Syncerus caffer*) based on 18S rRNA and ITS gene sequence analysis. Fourth Symposium of Parasitology organized by the Chinese Society of Animal Parasitology, Nanning city, **China**, 5 - 9 November, **2011**. (Invited as keynote speaker)
4. Njiiri EN, Collins NE, Toye P, Sibeko, KP, **Oosthuizen, MC**. Prevalence of infection with *E. ruminantium* and other blood borne hemoprotozoa in cattle in western Kenya. One Health Workshop, Sokoine University of Agriculture Morogoro, Tanzania, **2011**. (Poster)
5. Chaisi ME, He L, Collins NE & **Oosthuizen MC**. Sequence variation and molecular phylogeny of novel *T. buffeli*-like and *T. sinensis*-like genotypes of the African buffalo based on 18S rRNA and ITS gene sequences. Seventh International Conference of Ticks and Tick-Borne Pathogens (TTP-7), Zaragoza, **Spain**, 28 August - 2 September **2011**. (Poster presentation)
6. Debeila EM, Collins NE, Matjila PT, Penzhorn BL, Steyn H & **Oosthuizen MC**. *Anaplasma* and *Ehrlichia* species of the African buffalo (*Syncerus caffer*). Seventh International Conference of Ticks and Tick-Borne Pathogens (TTP-7), Zaragoza, **Spain**, 28 August - 2 September **2011**. (Poster presentation)
7. Bosman A-M, Venter EH, **Oosthuizen MC** & Penzhorn BL. Phylogenetic studies of *Babesia* spp. in felids in southern Africa. World Association on the Advancement in Veterinary Parasitology (WAAVP). Buenos Aires, Argentina, 21 - 15 Augustus **2011**. (Poster presentation)
8. Bosman A-M, Venter EH, **Oosthuizen MC** & Penzhorn BL. Phylogenetic studies of *Babesia* spp. in felids in southern Africa. 30th World Veterinary Congress. Cape Town, South Africa, 10 – 14 October **2011**. (Oral presentation)
9. Malatji DP, Matjila PT, Penzhorn BL & **Oosthuizen MC**. Detection of *Babesia rossi* genotypes using real-time PCR assay. 30th World Veterinary Congress. Cape Town, South Africa, 10 – 14 October **2011**. (Oral presentation)
10. **Oosthuizen MC**, Chaisi ME, Janssens ME, Vermeiren L, Sibeko KP, Troskie M, Collins NE & Geysen D. Evaluation of a real-time PCR test for the discrimination of *Theileria* species in the African buffalo (*Syncerus caffer*). International Consortium of Tick and Tick-borne Diseases (ICTTD-3) network meeting, Istanbul, **Turkey**, 26 - 29 July **2010**. (Oral presentation)
11. Chaisi ME, Janssens ME, Vermeiren L, Sibeko KP, Troskie M, Collins NE, **Oosthuizen MC** & Geysen D. Validation of a "pan" FRET RT-PCR test for the discrimination of *Theileria* species in cattle and African buffalo (*Syncerus caffer*). 13th Associations of Institutions for Tropical

- Veterinary Medicine (AITVM) Conference 2010, Bangkok, **Thailand**, 23 - 26 August **2010**. (Oral presentation)
- 12. Chaisi ME, Janssens ME, Vermeiren L, Sibeko KP, Troskie M, Collins NE, **Oosthuizen MC** & Geysen D. Validation of a "pan" FRET RT-PCR test for the discrimination of *Theileria* species in cattle and African buffalo (*Syncerus caffer*). XIIth International Congress of Parasitology (ICOPA), Melbourne, **Australia**, 15 – 20 August **2010** (Poster). Debeila E, Collins NE, Matjila PT, Penzhorn BL & **Oosthuizen MC**. Detection of *Ehrlichia* species of the African buffalo (*Syncerus caffer*) by means of the Reverse Line Blot (RLB) hybridization assay. 13th Associations of Institutions for Tropical Veterinary Medicine (AITVM) Conference 2010, Bangkok, **Thailand**, 23 - 26 August **2010**. (Poster)
 - 14. Debeila E, Collins NE, Matjila PT, Penzhorn BL & **Oosthuizen MC**. Detection of *Ehrlichia* species of the African buffalo (*Syncerus caffer*) by means of the Reverse Line Blot (RLB) hybridization assay. XIIth International Congress of Parasitology (ICOPA), Melbourne, **Australia**, 15 – 20 August **2010** (Poster). Sibeko KP, **Oosthuizen MC**, Geysen D, Potgieter FT, Troskie M, Latif A, Coetzer JAW & Collins NE. Possible presence of cattle-derived *T. parva* parasites in South Africa. 13th Associations of Institutions for Tropical Veterinary Medicine (AITVM) Conference 2010, Bangkok, **Thailand**, 23 - 26 August **2010**. (Poster presentation)
 - 16. Bosman A-M, **Oosthuizen MC**, Venter EH & BL Penzhorn. The characterization of *Babesia* spp. in felids in southern Africa. XIIth International Congress of Parasitology (ICOPA), Melbourne, **Australia**, 15 – 20 August **2010** (Poster).
 - 17. Chaisi ME, NE Collins and **MC Oosthuizen**. Identification of novel *Theileria* genotypes of the Africa Buffalo (*Syncerus caffer*) by means of the Reverse Line Blot (RLB) hybridization assay and 18S rRNA gene sequence analysis. 14th International symposium of the World Association of Veterinary Laboratory Diagnosticicians (WAVLD), Madrid, **Spain**, 18 - 20 June **2009**. (Poster).
 - 18. Bhoora R, L Franssen, M Quan, **MC Oosthuizen**, AJ Guthrie, E Zweygarth, B Penzhorn, F Jongejan and NE Collins. Sequence heterogeneity in *Babesia caballi* and *Theileria equi* in South Africa and development of a real-time PCR test for detection of *B. caballi*. 14th International symposium of the World Association of Veterinary Laboratory Diagnosticicians (WAVLD), Madrid, **Spain**, 18 - 20 June **2009**. (Oral). Chaisi ME, NE Collins and **MC Oosthuizen**. Molecular characterization of *Theileria* species of the Africa Buffalo (*Syncerus caffer*) by 18S rRNA gene sequence analysis. 22nd International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), Calgary, **Canada**, 8 - 13 August **2009**. (Oral).
 - 20. Chaisi ME, NE Collins and **MC Oosthuizen**. Identification of novel *Theileria* genotypes of the Africa Buffalo (*Syncerus caffer*) by means of the Reverse Line Blot (RLB) hybridization assay and 18S rRNA gene sequence analysis. 10th Biennial Conference of the Society for Tropical Veterinary Medicine (STVM), Lübeck, **Germany** from June 29 to July 3, **2009**. (Poster).
 - 21. Sibeko KP, Geysen D, **Oosthuizen MC**, Troskie M, Potgieter FT, Coetzer JAW, Collins NE. Diversity of *Theileria parva* in South Africa as shown by PCR-RFLP analysis of the genes coding for p104 and the polymorphic immunodominant molecule (PIM). 22nd International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), Calgary, **Canada**, 8 - 13 August **2009**. (Poster).
 - 22. H. Golezardy, **M. Oosthuizen**, A.M. Bosman, M. Troskie and B.L. Penzhorn. Molecular detection of feline *Babesia* species in field-collected ticks (Acari: Ixodidae) in South Africa. 22nd International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), Calgary, **Canada**, 8 - 13 August **2009**. (Poster).
 - 23. Anna-Mari Bosman, **Marinda Oosthuizen**, Estelle Venter & Banie Penzhorn. The detection of *Babesia* spp. in domestic felids (*Felis domesticus*) using DNA probes and phylogenetic analysis. 22nd International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), Calgary, **Canada**, 8 - 13 August **2009**. (Oral).
 - 24. **Oosthuizen MC**, M Troskie, E Zweygarth, NE Collins and BL Penzhorn. Identification of novel *Babesia* and *Theileria* species from sable, roan and giraffe. VI International Conference on Ticks and Tick-borne Pathogens (TTP-6), Buenos Aires, **Argentina**, 21-26 September **2008**. (Poster)

25. Sibeko KP, D Geysen, **MC Oosthuizen**, C Matthee, M Troskie, FT Potgieter, JAW Coetzer and NE Collins. Four p67 genotypes identified in South African *Theileria parva* field samples. VI International Conference on Ticks and Tick-borne Pathogens (TTP-6), Buenos Aires, **Argentina**, 21-26 September **2008**. (Poster)
26. Chaisi ME, KP Sibeko, M Troskie, NE Collins and **MC Oosthuizen**. Identification of a novel *Theileria* species from African buffalo using 18S rRNA gene sequence analysis. VI International Conference on Ticks and Tick-borne Pathogens (TTP-6) conference, 21-26 September **2008**, Buenos Aires, **Argentina** (poster)
27. Bosman A-M, **MC Oosthuizen**, EH Venter and BL Penzhorn. A novel *Babesia* sp. found in cheetahs (*Acinonyx jubatus*) in South Africa. VI International Conference on Ticks and Tick-borne Pathogens (TTP-6) conference, 21-26 September **2008**, Buenos Aires, **Argentina** (poster)
28. Sibeko KP, **MC Oosthuizen**, NE Collins, D Geysen, HT Groeneveld, AA Latif, N Rambricht, JAW Coetzer and FT Potgieter. Development and Evaluation of a real-time PCR test for detection of *Theileria parva* infections in Cape buffalo (*Synicerus caffer*) and cattle. 13th International symposium of the World Association of Veterinary Laboratory Diagnosticians (WAVLD), Melbourne, **Australia**, 11 - 14 November **2007**. (Paper)
29. **Oosthuizen MC**, E Zweygarth and BL Penzhorn. Identification of a novel *Babesia* species from sable, roan and giraffe by means of the Reverse Line Blot (RLB) hybridization assay. 13th International symposium of the World Association of Veterinary Laboratory Diagnosticians (WAVLD), Melbourne, **Australia**, 11 - 14 November **2007** (Poster)
30. Sibeko KP, **MC Oosthuizen**, D Geysen and NE Collins. Molecular markers for identification of tick-borne pathogens. Integrated Consortium on Ticks and Tick-borne Diseases (ICTTD-3) meeting, **Zanzibar**, 23 – 28 September **2007**. (Paper)
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