

A selection of references published by speakers at our symposium 'Next generation sequencing – the role of new sequence technologies in shaping the future of veterinary science'

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Sequencing *Streptococcus equi* subsp. *zooepidemicus*

1. Genetic diversity of *Streptococcus equi* subsp. *zooepidemicus* and doxycycline resistance in kennelled dogs.
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2. Establishment of a multiplex PCR assay for detection of pig-pathogenic species and types of *Streptococcus*.
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3. Thermophilic helicase-dependent DNA amplification using the IsoAmp™ SE experimental kit for rapid detection of *Streptococcus equi* subspecies *equi* in clinical samples.
Artiushin, S.; Tong, Y. H.; Timoney, J.; Lemieux, B.; Schlegel, A.; Kong, H. M.; American Association of Veterinary Laboratory Diagnosticians, Davis, USA, *Journal of Veterinary Diagnostic Investigation*, 2011, 23, 5, 909-914,
4. Structure of the *has* operon promoter and the effect of mutations on the *has* promoter strength in *Streptococcus equi* subsp. *zooepidemicus*.
Krahulec, J.; Tlustá, M.; Stuchlík, S.; Turňa, J.; Humana Press, Totowa, USA, *Molecular Biotechnology*, 2011, 49, 2, 166-175, 34 ref.
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Ma Zhe; Geng JiaNing; Zhang Hui; Yu HaiYing; Yi Li; Lei Meng; Lu ChengPing; Fan HongJie; Hu SongNian; American Society for Microbiology (ASM), Washington, USA, *Journal of Bacteriology*, 2011, 193, 19, 5583-5584, 11 ref.
6. Immunoproteomic assay of antigenic surface proteins in *Streptococcus equi* ssp. *zooepidemicus*.
Mao Ying; Fan HongJie; Zhou YongHua; Lu ChengPing; Elsevier Ltd, Oxford, UK, *Agricultural Sciences in China*, 2011, 10, 7, 1096-1105, 35 ref.
7. Selective pressure for allelic diversity in SeM of *Streptococcus equi* does not affect immunoreactive proteins SzPSe or Se18.9.
Ijaz, M.; Vellineni, S.; Timoney, J. F.; Elsevier B.V., Amsterdam, Netherlands, *Infection, Genetics and Evolution*, 2011, 11, 5, 1159-1163, 18 ref.
8. *Streptococcus zooepidemicus*: an emerging canine pathogen.
Priestnall, S.; Erles, K.; Elsevier Ltd, Oxford, UK, *Veterinary Journal*, 2011, 188, 2, 142-148, many ref.

9. Identification of three novel superantigen-encoding genes in *Streptococcus equi* subsp. *zooepidemicus*, *szeF*, *szeN*, and *szeP*.
Paillot, R.; Darby, A. C.; Robinson, C.; Wright, N. L.; Steward, K. F.; Anderson, E.; Webb, K.; Holden, M. T. G.; Efstratiou, A.; Broughton, K.; Jolley, K. A.; Priestnall, S. L.; Campi, M. C. M.; Hughes, M. A.; Radford, A.; Erles, K.; Waller, A. S.; American Society for Microbiology (ASM), Washington, USA, *Infection and Immunity*, 2010, 78, 11, 4817-4827, 51 ref.
10. Characterization of a new protective antigen of *Streptococcus canis*.
Yang JianDe; Liu YanFei; Xu Jun; Li BenQiang; Springer, Amsterdam, The Netherlands, *Veterinary Research Communications*, 2010, 34, 5, 413-421, 20 ref.
11. Outbreak of *Streptococcus equi* subsp. *zooepidemicus* infections in cats.
Blum, S.; Elad, D.; Zukin, N.; Lysnyansky, I.; Weisblith, L.; Perl, S.; Netanel, O.; David, D.; Elsevier Ltd, Oxford, UK, *Veterinary Microbiology*, 2010, 144, 1/2, 236-239, 12 ref.
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Meehan, M.; Burke, F. M.; Macken, S.; Owen, P.; Society for General Microbiology, Reading, UK, *Microbiology (Reading)*, 2010, 156, 6, 1824-1835, many ref.
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Pisoni, G.; Zadoks, R. N.; Vimercati, C.; Locatelli, C.; Zanoni, M. G.; Moroni, P.; American Dairy Science Association, Savoy, USA, *Journal of Dairy Science*, 2009, 92, 3, 943-951,
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