

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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Genome sequencing in human and veterinary medicine

1. Managing incidental findings in population based biobank research.

Solberg, B. S.; Steinsbekk, K. S.; Harris, J. R.; Haugan, A.; Budin-Ljøsne, I.; Norsk forening for epidemiologi, Bergen, Norway, Norsk Epidemiologi, 2012, 21, 2, 195-201, 23 ref.

2. An N-ethyl-N-nitrosourea (ENU)-induced dominant negative mutation in the JAK3 kinase protects against cerebral malaria.

Bongfen, S. E.; Rodrigue-Gervais, I. G.; Berghout, J.; Torre, S.; Cingolani, P.; Wiltshire, S. A.; Leiva-Torres, G. A.; Letourneau, L.; Sladek, R.; Blanchette, M.; Lathrop, M.; Behr, M. A.; Gruenheid, S.; Vidal, S. M.; Saleh, M.; Gros, P.; Public Library of Sciences (PLoS), San Francisco, USA, PLoS ONE, 2012, 7, 2, e31012, 61 ref.

3. Genetic characterization of dogs via chromosomal analysis and array-based comparative genomic hybridization (aCGH).

Müller, M. H.; Reimann-Berg, N.; Bullerdiek, J.; Escobar, H. M.; Schattauer GmbH, Stuttgart, Germany, Tierärztliche Praxis. Ausgabe K, Kleintiere/Heimtiere, 2012, 40, 1, 55-58, 46 ref.

4. New approaches of phenotyping for animal breeding.

Lagarrigue, S.; Tixier-Boichard, M.; Mulsant, P.; Institut National de la Recherche Agronomique, Paris, France, INRA Productions Animales, 2011, 24, 4, 377-386, 28 ref.

5. Molecular epidemiology of mastitis pathogens of dairy cattle and comparative relevance to humans.

Zadoks, R. N.; Middleton, J. R.; McDougall, S.; Katholm, J.; Schukken, Y. H.; Sordillo, L.; Springer, Amsterdam, Netherlands, Journal of Mammary Gland Biology and Neoplasia, 2011, 16, 4, 357-372, 222 ref.

6. Antibiotics and the post-genome revolution.

Amini, S.; Tavazoie, S.; Elsevier Ltd, Oxford, UK, Current Opinion in Microbiology, 2011, 14, 5, 513-518,

7. Bacterial artificial chromosomes as analytical basis for gene transcriptional machineries.

Asami, J.; Inoue, Y. U.; Terakawa, Y. W.; Egusa, S. F.; Inoue, T.; Springer, Amsterdam, Netherlands, Transgenic Research, 2011, 20, 4, 913-924, 28 ref.

8. Equine clinical genomics: a clinician's primer.

Brosnahan, M. M.; Brooks, S. A.; Antczak, D. F.; Wiley-Blackwell, Oxford, UK, Equine Veterinary Journal, 2010, 42, 7, 658-670, 10 ref.

9. Recurrence of human *Streptococcus suis* infections in 2007: three cases of meningitis and implications that heterogeneous *S. suis* 2 circulates in China.

Feng, Y.; Shi, X.; Zhang, H.; Zhang, S.; Ma, Y.; Zheng, B.; Han, H.; Lan, Q.; Tang, J.; Cheng, J.; Gao, G. F.; Hu, Q.; Blackwell Publishing, Berlin, Germany, Zoonoses and Public Health, 2009, 56, 9/10, 506-514, 19 ref.

10. From parasite genomes to one healthy world: are we having fun yet?
Zarlenza, D. S.; Gasbarre, L. C.; Colwell, D. D.; Elsevier, Amsterdam, Netherlands, Veterinary Parasitology, 2009, 163, 3, 235-249, many ref.
11. Recent advances in cat genetics.
Lyons, L. A.; CABI, Wallingford, UK, CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2009, 4, 018, 1-14,
12. Piggy-BACing the human genome I: constructing a porcine BAC physical map through comparative genomics.
Rogatcheva, M. B.; Chen, K.; Larkin, D. M.; Meyers, S. N.; Marron, B. M.; He, W. S.; Schook, L. B.; Beever, J. E.; Taylor & Francis, Washington, USA, Animal Biotechnology, 2008, 19, 1, 28-42, 48 ref.
13. Surveillance activities and molecular analysis of H5N1 highly pathogenic avian influenza viruses from Thailand, 2004-2005.
Buranathai, C.; Amonsin, A.; Chaisigh, A.; Theamboonlers, A.; Pariyothorn, N.; Poovorawan, Y.; Swayne, D. E.; American Association of Avian Pathologists, Athens, USA, Avian Diseases, 2007, 51, s1, 194-200,
14. A rapid and simple transcriptional sequencing method for GC-rich DNA regions.
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15. A high-resolution comparative map between pig chromosome 17 and human chromosomes 4, 8, and 20: identification of synteny breakpoints.
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16. Multidrug resistance in parasites: ABC transporters, P-glycoproteins and molecular modelling.
Jones, P. M.; George, A. M.; Ellis, J. T.; Morrison, D. A.; Elsevier, Oxford, UK, International Journal for Parasitology, 2005, 35, 5, 555-566, many ref.
17. What the bovine genome project means to New Zealand.
McEwan, J. C.; Crawford, A. M.; New Zealand Society of Animal Production, Hamilton, New Zealand, Proceedings of the New Zealand Society of Animal Production, 2004, 64, 86-91, 31 ref.
18. Nutritional genomics: implications for companion animals.
Swanson, K. S.; Schook, L. B.; Fahey, G. C., Jr.; American Society for Nutritional Sciences, Bethesda, USA, Journal of Nutrition, 2003, 133, 10, 3033-3040, 86 ref.

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