



Reference List of Published Outputs (2016 – 2020 only)

Books and Book Chapters

de las Heras-Saldana, S; Al-Mamun, H A; **Ferdosi, M H**; Khansefid, M and Gondro, C (2016). "RNA Sequencing Applied to Livestock Production." In H N Kadarmideen (Ed.),

Sonja Dominik, Jen Smith, Jo Conington, Han Daetwyler, I Oleson and **Kim Bunter** (2017). Genetic Solutions. In Drewe M. Ferguson, Caroline Lee & Andrew Fisher (Eds) *Advances in Sheep Welfare* (ch 6). Woodhead Publishing – Elsevier pp 107-130.

van der Werf, J H J; **Swan, A A** and **Banks, R G** (2017). Advances in sheep breeding. In J Greyling (Ed.), *Achieving sustainable production of sheep* (ch. 6). Cambridge, UK: Burleigh Dodds Science Publishing

Journal Articles

Abdoli, R; Mirhoseini, S Z; Ghavi Hossein-Zadeh, N; Zamani, P; **Ferdosi, M H** and Gondro, C (2019). "Genome-wide association study of four composite reproductive traits in Iranian fat-tailed sheep." *Reproduction, Fertility and Development* 31(6): 1127-1133 doi.org/10.1071/RD18282.

Abdoli, R; Mirhoseini, S Z; Ghavi Hossein-Zadeh, N; Zamani, P; Moradi, M H; **Ferdosi, M H** and Gondro, C (2019). "Genome-wide association study of first lambing age and lambing interval in sheep." *Small Ruminant Research* doi.org/10.1016/j.smallrumres.2019.07.014.

Accioly, J M; Copping, K L; Deland, M P B; Hebart, M L; Herd, R M; Lee, S J; Jones, F M; Laurence, M; Speijers, E J; **Walmsley, B J**; and Pitchford, W S (2018). "Divergent breeding values for fatness or residual feed intake in Angus cattle. 4. Fat EBVs' influence on fatness fluctuation and supplementary feeding requirements." *Animal Production Science* 58 (1): 67-79 doi.org/10.1071/AN14797.

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Barwick, S A, Johnston, D J, Walmsley, B J, Jeyaruban, M G, Boerner, V (2020). "A method for deriving the genetic matrix needed for selection across combinations of breeds." *Journal of Animal Breeding and Genetics* 137: 510– 519 doi.org/10.1111/jbg.12480

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- Barwick, S A; Henzell, A L; Herd, RM; Walmsley, B J** and Arthur, P F (2019). "Methods and consequences of including reduction in greenhouse gas emission in beef cattle multiple-trait selection." *Genetics Selection Evolution* 51: 18 doi.org/10.1186/s12711-019-0459-5.
- Barwick, S A; Henzell, A L; Walmsley, B J; Johnston, D J and Banks, R G** (2018). "Methods and consequences of including feed intake and efficiency in genetic selection for multiple-trait merit." *Journal of Animal Science* 96 (5): 1600-1616 [doi: org/10.1093/jas/sky049](https://doi.org/10.1093/jas/sky049).
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- Boerner, V** and Tier, B (2016). "BESSiE: a software for linear model BLUP and Bayesian MCMC analysis of large-scale genomic data." *Genetics Selection Evolution* 48 (1) [doi.10.1186/s12711-016-0241-x](https://doi.org/10.1186/s12711-016-0241-x).
- Boerner, V** and Wittenburg, D (2018). " On Estimation of Genome Composition in Genetically Admixed Individuals Using Constrained Genomic Regression." *Frontiers in Genetics* 9 : 185 doi.org/10.3389/fgene.2018.00185.
- Bolormaa, S; **Brown, D J; Swan, A A**; van der Werf, J H J; Hayes, B J and Daetwyler, H D (2017). "Genomic prediction of reproduction traits for Merino sheep." *Animal Genetics* 48 (3): 338-348 [doi: 10.1111/age.12541](https://doi.org/10.1111/age.12541).
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Cronin, N; Loukopoulos, P; **Brown, D J; O'Rourke, B A; Morrice, G and Windsor, P A (2019).** "Suspected hereditary cervicothoracic vertebral subluxation with cervical myopathy in Poll Merino sheep." *Australian Veterinary Journal* 97(12): 499-504 [doi.10.1111/avj.12877](https://doi.org/10.1111/avj.12877);

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Guy, S Z Y; Li, L; Thomson, P C and Hermes, S (2017). "Contemporary group estimates adjusted for climatic effects provide a finer definition of the unknown environmental challenges experienced by growing pigs." *Journal of Animal Breeding and Genetics* 134 (6): 520-530 [doi: org/10.1111/jbg.12282](https://doi.org/10.1111/jbg.12282).

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Banks, R G (2017). “Possible principles for breed association models in the genomics era, with reference to beef cattle and sheep breeds.” Proceedings of the 41st ICAR Conference. Edinburgh, UK. 14-16 June, pp [67-72](#).

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