

Animal Health Research Reviews

Contents

Editorial: Systematic reviews reveal a need for more, better data to inform antimicrobial stewardship practices in animal agriculture <i>Jan M. Sargeant, Annette M. O'Connor and Charlotte B. Winder</i>	103
How to read and interpret the results of a Bayesian network meta-analysis: a short tutorial <i>D. Hu, A. M. O'Connor, C. B. Winder, J. M. Sargeant and C. Wang</i>	106
Systematic reviews and meta-analyses in animal health, performance, and on-farm food safety: a scoping review <i>Rachael Vriezen, Jan M. Sargeant, Ellen Vriezen, Mark Reist, Charlotte B. Winder and Annette M. O'Connor</i>	116
Non-antibiotic approaches for disease prevention and control in beef and veal production: a scoping review <i>Lee V. Wisener, Jan M. Sargeant, Annette M. O'Connor, Terri L. O'Sullivan, Scott A. McEwen, Andrea Nwosu and Tanya M. Rossi</i>	128
A systematic review and network meta-analysis of bacterial and viral vaccines, administered at or near arrival at the feedlot, for control of bovine respiratory disease in beef cattle <i>A. M. O'Connor, D. Hu, S. C. Totton, N. Scott, C. B. Winder, B. Wang, C. Wang, J. Glanville, H. Wood, B. White, R. Larson, C. Waldner and J. M. Sargeant</i>	143
A systematic review and network meta-analysis of injectable antibiotic options for the control of bovine respiratory disease in the first 45 days post arrival at the feedlot <i>A. M. O'Connor, D. Hu, S. C. Totton, N. Scott, C. B. Winder, B. Wang, C. Wang, J. Glanville, H. Wood, B. White, R. Larson, C. Waldner and J. M. Sargeant</i>	163
Comparative efficacy of teat sealants given prepartum for prevention of intramammary infections and clinical mastitis: a systematic review and network meta-analysis <i>C. B. Winder, J. M. Sargeant, D. Hu, C. Wang, D. F. Kelton, S. J. Leblanc, T. F. Duffield, J. Glanville, H. Wood, K. J. Churchill, J. Dunn, M. D. Bergevin, K. Dawkins, S. Meadows, B. Deb, M. Reist, C. Moody and A. M. O'Connor</i>	182
Comparative efficacy of antimicrobial treatments in dairy cows at dry-off to prevent new intramammary infections during the dry period or clinical mastitis during early lactation: a systematic review and network meta-analysis <i>C. B. Winder, J. M. Sargeant, D. Hu, C. Wang, D. F. Kelton, S. J. Leblanc, T. F. Duffield, J. Glanville, H. Wood, K. J. Churchill, J. Dunn, M. D. Bergevin, K. Dawkins, S. Meadows, B. Deb, M. Reist, C. Moody and A. M. O'Connor</i>	199

Comparative efficacy of blanket versus selective dry-cow therapy: a systematic review and pairwise meta-analysis <i>C. B. Winder, J. M. Sargeant, D. F. Kelton, S. J. Leblanc, T. F. Duffield, J. Glanville, H. Wood, K. J. Churchill, J. Dunn, M. d. Bergevin, K. Dawkins, S. Meadows and A. M. O'Connor</i>	217
Comparative efficacy of antimicrobials for treatment of clinical mastitis in lactating dairy cattle: a systematic review and network meta-analysis <i>C. B. Winder, J. M. Sargeant, D. Hu, C. Wang, D. F. Kelton, M. A. Godkin, K. J. Churchill and A. M. O'Connor</i>	229
The efficacy of litter management strategies to prevent morbidity and mortality in broiler chickens: a systematic review and network meta-analysis <i>Jan M. Sargeant, Michele D. Bergevin, Katheryn Churchill, Kaithlyn Dawkins, Bhumika Deb, Jennifer Dunn, Dapeng Hu, Catherine M. Logue, Shannon Meadows, Carly Moody, Anastasia Novy, Annette M. O'Connor, Mark Reist, Yuko Sato, Chong Wang and Charlotte B. Winder</i>	247
The efficacy of antibiotics to control colibacillosis in broiler poultry: a systematic review <i>Jan M. Sargeant, Michele D. Bergevin, Katheryn Churchill, Kaithlyn Dawkins, Bhumika Deb, Jennifer Dunn, Catherine M. Logue, Anastasia Novy, Annette M. O'Connor, Mark Reist and Charlotte B. Winder</i>	263
Efficacy of bacterial vaccines to prevent respiratory disease in swine: a systematic review and network meta-analysis <i>Jan M. Sargeant, Bhumika Deb, Michele D. Bergevin, Katheryn Churchill, Kaithlyn Dawkins, Jennifer Dunn, Dapeng Hu, Carly Moody, Annette M. O'Connor, Terri L. O'Sullivan, Mark Reist, Chong Wang, Barbara Wilhelm and Charlotte B. Winder</i>	274
A systematic review of the efficacy of antibiotics for the prevention of swine respiratory disease <i>Jan M. Sargeant, Michele D. Bergevin, Katheryn Churchill, Kaithlyn Dawkins, Bhumika Deb, Jennifer Dunn, Dapeng Hu, Carly Moody, Annette M. O'Connor, Terri L. O'Sullivan, Mark Reist, Chong Wang, Barbara Wilhelm and Charlotte B. Winder</i>	291
Quality assessment of systematic reviews and meta-analyses that examine preventive antibiotic uses and management practices designed to prevent disease in livestock <i>Rachael Vriezen, Jan M. Sargeant, Ellen Vriezen, Charlotte B. Winder and Annette M. O'Connor</i>	305