

## Index to Volume 16

### Authors and Titles

- Aitken, R. J.  
     Human spermatozoa: fruits of creation, seeds of doubt 655
- Aitken, R. J., and Baker, M. A.  
     Oxidative stress and male reproductive biology 581
- Aston, K. I. *See* Vanderwall, D. K. *et al.* 675
- Baird, D. T. *See* Souza, C. J. H. *et al.* 395  
     and González-Bulnes, A. *et al.* 421
- Baker, M. A. *See* Aitken, R. J., and Baker, M. A. 581
- Baldassarre, H. *See* Pierson, J. *et al.* 795
- Baldassarre, H., Wang, B., Keefer, C. L., Lazaris, A., and Karatzas, C. N.  
     State of the art in the production of transgenic goats 465
- Banchero, G. E., Quintans, G., Martin, G. B., Lindsay, D. R., and Milton, J. T. B.  
     Nutrition and colostrum production in sheep. 1. Metabolic and hormonal responses to a high energy supplement in the final stages of pregnancy 633
- Banchero, G. E., Quintans, G., Martin, G. B., Milton, J. T. B., and Lindsay, D. R.  
     Nutrition and colostrum production in sheep. 2. Metabolic and hormonal responses to different energy sources in the final stages of pregnancy 645
- Bavister, B.  
     The role of animal studies in supporting human assisted reproductive technologies 719
- Beebe, D. J. *See* Wheeler, M. B. *et al.* 15
- Billah, M. *See* Skidmore, J. A. *et al.* 605
- Blache, D. *See* Martin, G. B. *et al.* 491  
     and Sharma, T. P. *et al.* 709  
     and Zhang, S. *et al.* 823
- Blackberry, M. A. *See* Zhang S. *et al.* 823
- Blackburn, H. D.  
     Development of national animal genetic resource programs 27
- Block, J. *See* Hansen, P. J., and Block, J. 1
- Blomberg, L. A., and Zuelke, K. A.  
     Serial analysis of gene expression (SAGE) during porcine embryo development 87
- Boden, M. J. *See* Kennaway, D. J. *et al.* 801
- Bollwein, H. *See* Welter, H. *et al.* 689
- Bolund, L. *See* Kragh, P. M. *et al.* 315
- Bowles, D. J. *See* Wrathall, A. E. *et al.* 103
- Brenner, C. A., Kubisch, H. M., and Pierce, K. E.  
     Role of the mitochondrial genome in assisted reproductive technologies and embryonic stem cell-based therapeutic cloning 743
- Budiyanto, A. *See* Wongsrikeao, P. *et al.* 773
- Bunch, T. D. *See* Vanderwall, D. K. *et al.* 675
- Callesen, H. *See* Greve, T., and Callesen, H. 113  
     and Kragh, P. M. *et al.* 315
- Calvert, M. E. *See* Coonrod, S. A. *et al.* 69
- Campbell, B. K. *See* Souza, C. J. H. *et al.* 395  
     and González-Bulnes, A. *et al.* 421
- Cano, A. *See* Tarín, J. J. *et al.* 373
- Capobianco, E. *See* White, V. *et al.* 363
- Carrillo, E. *See* Delgadillo, J. A. *et al.* 471
- Clark, S. G. *See* Wheeler, M. B. *et al.* 15  
     and Fischer-Brown, A. E. *et al.* 787
- Cleary, M., Shaw, J. M., Jenkin, G., and Trounson, A. O.  
     Influence of hormone environment and donor age on cryopreserved common wombat (*Vombatus ursinus*) ovarian tissue xenografted into nude mice 699
- Clulow, J. *See* Edwards, D. L. *et al.* 347
- Cocero, M. J. *See* González-Bulnes, A. *et al.* 421
- Cognie, Y., Poulin, N., Locatelli, Y., and Mermilliod, P.  
     State of the art production, conservation and transfer of *in vitro* produced embryos in small ruminants 437
- Comiskey, M. *See* Warner, C. M. *et al.* 729
- Connor, D. E. *See* Jones, A. R., and Connor, D. E. 319
- Cooney, M. A. *See* Xue, J. *et al.* 781
- Coonrod, S. A., Calvert, M. E., Reddi, P. P., Kasper, E. N., Digilio, L. C., and Herr, J.  
     Oocyte proteomics: localization of mouse zona pellucida protein 3 to the plasma membrane of ovulated mouse eggs 69
- Corydon, T. J. *See* Kragh, P. M. *et al.* 315
- Côte, F. *See* Pierson, J. *et al.* 795
- Cram, D., Lynch, M., O'Bryan, M. K., Salvado, C., McLachlan, R. I., and de Kretser, D. M.  
     Genetic screening of infertile men 573
- Cui, S., Liu, J., Shao, Y., and Zhang, J.  
     Parallel changes of the fetal pituitary estrogen receptor alpha immunoreactive cell percentage and plasma 17 $\beta$ -estradiol concentrations during gestation in sheep 611
- Dantzer, V. *See* Klisch, K. *et al.* 301
- De Fazio, S. R. *See* Warner, C. M. *et al.* 729
- de Kretser, D. M. *See* Cram, D. *et al.* 573  
     and Supramaniam, V. G. *et al.* 625
- Delgadillo, J. A., Fitz-Rodríguez, G., Duarte, G., Véliz, F. G., Carrillo, E., Flores, J. A., Vielma, J., Hernandez, H., and Malpaux, B.  
     Management of photoperiod to control caprine reproduction in the subtropics 471
- Digilio, L. C. *See* Coonrod, S. A. *et al.* 69
- DiMarzio, C. A. *See* Warner, C. M. *et al.* 729
- Duarte, G. *See* Delgadillo, J. A. *et al.* 471
- Dwyer, P. J. *See* Warner, C. M. *et al.* 729
- Eckert, J. J. *See* Fleming, T. P. *et al.* 325
- Edvi, M. E. *See* Révay, T. *et al.* 681
- Edwards, D. L., Mahony, M. J., and Clulow, J.  
     Effect of sperm concentration, medium osmolality and oocyte storage on artificial fertilisation success in a myobatrachid frog (*Limnodynastes tasmaniensis*) 347
- Einspanier, R. *See* Welter, H. *et al.* 689
- El-Halawany, N., Ponsuksili, S., Wimmers, K., Gilles, M., Tesfaye, D., and Schellander, K.  
     Quantitative expression analysis of blastocyst-derived gene transcripts in preimplantation developmental stages of *in vitro*-produced bovine embryos using real-time polymerase chain reaction technology 753
- Evans, G. *See* Gillan, L. *et al.* 447
- Evans, G., Hollinshead, F. K., and Maxwell, W. M. C.  
     Preservation and artificial insemination of sexed semen in sheep 455
- Farin, C. E. *See* Rodriguez, K. F. *et al.* 55
- Fesenko, I. *See* Fleming, T. P. *et al.* 325
- Fischer-Brown, A. E., Lindsey, B. R., Ireland, F. A., Northey, D. L., Monson, R. L., Clark, S. G., Wheeler, M. B., Kesler, D. J., Lane, S. J., Weigel, K. A., and Rutledge, J. J.

- Embryonic disc development and subsequent viability of cattle embryos following culture in two media under two oxygen concentrations 787
- Fitz-Rodríguez, G. *See* Delgadillo, J. A. *et al.* 471
- Fleming, T. P., Wilkins, A., Mears, A., Miller, D. J., Thomas, F., Ghassemifar, R., Fesenko, I., Sheth, B., Kwong, W. Y., and Eckert, J. J. The making of an embryo: short-term goals and long-term implications 325
- Fletcher, T. P. *See* Lin, M. *et al.* 307
- Flores, J. A. *See* Delgadillo, J. A. *et al.* 471
- Forsberg, M. *See* Ungerfeld, R. *et al.* 479
- Freitas, V. J. F., Rondina, D., Lopes Júnior, E. S., Teixeira, D. I. A., and Paula, N. R. O. Hormonal treatments for the synchronisation of oestrus in dairy goats raised in the tropics 415
- French, A. J. *See* Xue, J. *et al.* 781
- Galloway, D. B. *See* West, M. *et al.* 339
- García-García, R. M. *See* González-Bulnes, A. *et al.* 421
- Garófalo, E. G. *See* Meikle, A. *et al.* 385
- Ghassemifar, R. *See* Fleming, T. P. *et al.* 325
- Gillan, L., Maxwell, W. M. C., and Evans, G. Preservation and evaluation of semen for artificial insemination 447
- Gilles, M. *See* El-Halawany, N. *et al.* 753
- Givens, M. D. *See* Stringfellow, D. A. *et al.* 93
- Gómez-Piquer, V. *See* Tarín, J. J. *et al.* 373
- González, E. *See* White, V. *et al.* 363
- González-Bulnes, A. *See* Souza, C. J. H. *et al.* 395
- González-Bulnes, A., Baird, D. T., Campbell, B. K., Cocero, M. J., García-García, R. M., Inskeep, E. K., López-Sebastián, A., McNeilly, A. S., Santiago-Moreno, J., Souza, C. J. H., and Veiga-López, A. Multiple factors affecting the efficiency of multiple ovulation and embryo transfer in sheep and goats 421
- Graves, J. A. M. The degenerate Y chromosome – can conversion save it? 527
- Greve, T., and Callesen, H. Integrating new technologies with embryology and animal production 113
- Gustavsson, I. *See* Révay, T. *et al.* 681
- Hall, V. J. *See* Xue, J. *et al.* 781
- Hansen, P. J., and Block, J. Towards an embryocentric world: the current and potential uses of embryo technologies in dairy production 1
- Harman, A. *See* Lin, M. *et al.* 307
- Harvey, A. J., Kind, K. L., and Thompson, J. G. Effect of the oxidative phosphorylation uncoupler 2,4-dinitrophenol on hypoxia-inducible factor-regulated gene expression in bovine blastocysts 665
- Hermenegildo, C. *See* Tarín, J. J. *et al.* 373
- Hernandez, H. *See* Delgadillo, J. A. *et al.* 471
- Herr, J. C. *See* Coonrod, S. A. *et al.* 69
- Hidas, A. *See* Révay, T. *et al.* 681
- Hollinshead, F. K. *See* Evans, G. *et al.* 455
- Huang, Z. P., Yu, H., Yang, Z. M., Shen, W. X., Wang, J., and Shen, Q. X. Uterine expression of implantation serine proteinase 2 during the implantation period and *in vivo* inhibitory effect of its antibody on embryo implantation in mice 379
- Inskeep, E. K. *See* González-Bulnes, A. *et al.* 421
- Ireland, F. A. *See* Fischer-Brown, A. E. *et al.* 787
- Jawerbaum, A. *See* White, V. *et al.* 363
- Jenkin, G. *See* Supramaniam, V. G. *et al.* 625 and Cleary, M. *et al.* 699
- Jones, A. R., and Connor, D. E. Control of glycolysis in mature boar spermatozoa: effect of pH *in vitro* 319
- Jones, S. *See* Wrathall, A. E. *et al.* 103
- Kang, H.-S., Lee, C.-K., Kim, J.-R., Yu, S.-J., Kang, S.-G., Moon, D.-H., Lee, C.-H., and Kim, D.-K. Gene expression analysis of the pro-oestrus-stage rat uterus reveals neuroigin 2 as a novel steroid-regulated gene 763
- Kang, S.-G. *See* Kang, H.-S. *et al.* 763
- Karatzas, C. N. *See* Baldassarre, H. *et al.* 465 and Pierson, J. *et al.* 795
- Karja, N. W. K. *See* Wongsrakeao, P. *et al.* 773
- Kasper, E. N. *See* Coonrod, S. A. *et al.* 69
- Kawato, H. *See* Yonaha, H. *et al.* 355
- Keefer, C. L. *See* Baldassarre, H. *et al.* 465
- Kennaway, D. J., Boden, M. J., and Voultisios, A. Reproductive performance in female *Clock*<sup>A19</sup> mutant mice 801
- Kesler, D. J. *See* Fischer-Brown, A. E. *et al.* 787
- Kim, D.-K. *See* Kang, H.-S. *et al.* 763
- Kim, J.-R. *See* Kang, H.-S. *et al.* 763
- Kind, K. *See* Harvey, A. J. *et al.* 665
- Klisch, K., Thomsen, P. D., Dantzer, V., and Leiser, R. Genome multiplication is a generalised phenomenon in placental and interplacental trophoblast giant cells in cattle 301
- Ko, M. S. H. Embryogenomics of pre-implantation mammalian development: current status 79
- Korfiatis, N. A. *See* Xue, J. *et al.* 781
- Kovács, A. *See* Révay, T. *et al.* 681
- Kragh, P. M., Vajta, G., Corydon, T. J., Purup, S., Bolund, L., and Callesen, H. Production of transgenic porcine blastocysts by hand-made cloning 315
- Kubisch, H. M. *See* Brenner, C. A. *et al.* 743
- Kwong, W. Y. *See* Fleming, T. P. *et al.* 325
- Lane, S. *See* Fischer-Brown, A. E. *et al.* 787
- Lazaris, A. *See* Baldassarre, H. *et al.* 465
- Lee, C.-H. *See* Kang, H.-S. *et al.* 763
- Lee, C.-K. *See* Kang, H.-S. *et al.* 763
- Leiser, R. *See* Klisch, K. *et al.* 301
- Li, G. *See* Vanderwall, D. K. *et al.* 675
- Lin, M., Harman, A., and Fletcher, T. P. Cycle of the seminiferous epithelium in a marsupial species, the brushtail possum (*Trichosurus vulpecula*), and estimation of its duration 307
- Lindsay, D. R. *See* Banchero, G. E. *et al.* 633 and Banchero, G. E. *et al.* 645
- Lindsey, B. R. *See* Fischer-Brown, A. E. *et al.* 787
- Liu, J. *See* Cui, S. *et al.* 611
- Locatelli, Y. *See* Cognie, Y. *et al.* 437
- Lopes Júnior, E. S. *See* Freitas, V. J. F. *et al.* 415
- López-Sebastián, A. *See* González-Bulnes, A. *et al.* 421
- Loskutoff, N. M. *See* Skidmore, J. A. *et al.* 605
- Lynch, M. *See* Cram, D. *et al.* 573
- Magarey, G. M., and Mate, K. E. Comparison of glucose metabolism in *in vivo*- and *in vitro*-matured tammar wallaby oocytes and its relationship to developmental potential following intracytoplasmic sperm injection 617
- Mahony, M. J. *See* Edwards, D. L. *et al.* 347

- Maleszewski, M., and Selwood, L.  
 Induced parthenogenetic activation of oocytes of the marsupial  
*Sminthopsis macroura* 599
- Malpaux, B. *See* Delgadillo, J. A. *et al.* 471
- Martin, G. B. *See* Banchero, G. E. *et al.* 633  
 and Banchero, G. E. *et al.* 645  
 and Sharma, T. P. *et al.* 709  
 and Zhang, S. *et al.* 823
- Martin, G. B., Rodger, J., and Blache, D.  
 Nutritional and environmental effects on reproduction in small ruminants 491
- Mate, K. E. *See* Magarey, G. M., and Mate, K. E. 617
- Maxwell, W. M. C. *See* Gillan, L. *et al.* 447  
 and Evans, G. *et al.* 455
- McKnight, S. *See* Warner, C. M. *et al.* 729
- McLachlan, R. I. *See* Cram, D. *et al.* 573
- McNeilly, A. S. *See* Souza, C. J. H. *et al.* 395  
 and González-Bulnes, A. *et al.* 421
- Mears, A. *See* Fleming, T. P. *et al.* 325
- Meerdo, L. N. *See* Vanderwall, D. K. *et al.* 675
- Meikle, A., Tasende, C., Sosa, C., and Garófalo, E. G.  
 The role of sex steroid receptors in sheep female reproductive physiology 385
- Mejia-Guadarrama, C. A., Prunier, A., and Quesnel, H.  
 Dietary protein intake during the oestrous cycle does not alter the ovulation rate in gilts 589
- Menchaca, A., and Rubianes, E.  
 New treatments associated with timed artificial insemination in small ruminants 403
- Mermilliod, P. *See* Cognie, Y. *et al.* 437
- Miller, D. J. *See* Fleming, T. P. *et al.* 325
- Miller, S. L. *See* Supramaniam, V. G. *et al.* 625
- Milton, J. T. B. *See* Banchero, G. E. *et al.* 633  
 and Banchero, G. E. *et al.* 645
- Minoura, H. *See* Yonaha, H. *et al.* 355
- Monson, R. L. *See* Fischer-Brown, A. E. *et al.* 787
- Moon, D.-H. *See* Kang, H.-S. *et al.* 763
- Murakami, M. *See* Wongsrikeao, P. *et al.* 773
- Nagy, S. *See* Révay, T. *et al.* 681
- Neveu, N. *See* Pierson, J. *et al.* 795
- Newmark, J. A. *See* Warner, C. M. *et al.* 729
- Nii, M. *See* Wongsrikeao, P. *et al.* 773
- Nishiura, R. *See* Yonaha, H. *et al.* 355
- Noda, N. *See* Yonaha, H. *et al.* 355
- Northey, D. L. *See* Fischer-Brown, A. E. *et al.* 787
- O'Bryan, M. K. *See* Cram, D. *et al.* 573
- O'Connor, A. E. *See* Supramaniam, V. G. *et al.* 625
- O'Malley, D. M. *See* Warner, C. M. *et al.* 729
- Otoi, T. *See* Wongsrikeao, P. *et al.* 773
- Paris, D. B. B. P., Taggart, D. A., Paris, M. C. J., Temple-Smith, P. D., and Renfree, M. B.  
 Sperm transport, size of the seminal plug and the timing of ovulation after natural mating in the female tammar wallaby *Macropus eugenii* 811
- Paris, M. C. J. *See* West, M. *et al.* 339  
 and Paris, D. B. B. P. *et al.* 811
- Paula, N. R. O. *See* Freitas, V. J. F. *et al.* 415
- Pierce, K. E. *See* Brenner, C. A. *et al.* 743
- Pierson, J., Wang, B., Neveu, N., Sneek, L., Côte, F., Karatzas, C. N., and Baldassarre, H.  
 Effects of repetition, interval between treatments and season on the results from laparoscopic ovum pick-up in goats 795
- Ponsuksili, S. *See* El-Halawany, N. *et al.* 753
- Poulin, N. *See* Cognie, Y. *et al.* 437
- Prunier, A. *See* Mejia-Guadarrama, C. A. *et al.* 589
- Pukazhenth, B. S., and Wildt, D. E.  
 Which reproductive technologies are most relevant to studying, managing and conserving wildlife? 33
- Purup, S. *See* Kragh, P. M. *et al.* 315
- Pustovrh, C. *See* White, V. *et al.* 363
- Quesnel, H. *See* Mejia-Guadarrama, C. A. *et al.* 589
- Quintans, G. *See* Banchero, G. E. *et al.* 633  
 and Banchero, G. E. *et al.* 645
- Rajadhyaksha, M. *See* Warner, C. M. *et al.* 729
- Rausell, F. *See* Tarín, J. J. *et al.* 373
- Reddi, P. P. *See* Coonrod, S. A. *et al.* 69
- Renfree, M. B. *See* Paris, D. B. B. P. *et al.* 811
- Rens, W. *See* Révay, T. *et al.* 681
- Révay, T., Nagy, S., Kovács, A., Edvi, M. E., Hidas, A., Rens, W., and Gustavsson, I.  
 Head area measurements of dead, live, X- and Y-bearing bovine spermatozoa 681
- Rodger, J. *See* Martin, G. B. *et al.* 491
- Rodriguez, K. F., and Farin, C. E.  
 Gene transcription and regulation of oocyte maturation 55
- Rohr, S. *See* Welter, H. *et al.* 689
- Rohrer, G. A.  
 An overview of genomics research and its impact on livestock reproduction 47
- Romanini, M. C. *See* White, V. *et al.* 363
- Rondina, D. *See* Freitas, V. J. F. *et al.* 415
- Roselli, C. E. *See* Sharma, T. P. *et al.* 709
- Roysam, B. *See* Warner, C. M. *et al.* 729
- Rubianes, E. *See* Menchaca, A. *et al.* 403  
 and Ungerfeld, R. *et al.* 479
- Ruddock, N. T. *See* Xue, J. *et al.* 781
- Rutledge, J. J. *See* Fischer-Brown, A. E. *et al.* 787
- Salvado, C. *See* Cram, D. *et al.* 573
- Santiago-Moreno, J. *See* González-Bulnes, A. *et al.* 421
- Schellander, K. *See* El-Halawany, N. *et al.* 753
- Schlegel, P. N.  
 Causes of azoospermia and their management 561
- Selwood, L. *See* Maleszewski, M., and Selwood, L. 599
- Setchell, B. P.  
 Hormones: what the testis really sees 535
- Shao, Y. *See* Cui, S. *et al.* 611
- Sharma, T. P., Blache, D., Roselli, C. E., and Martin, G. B.  
 Distribution of aromatase activity in brain and peripheral tissues of male sheep: effect of nutrition 709
- Shaw, J. M. *See* West, M. *et al.* 339  
 and Cleary, M. *et al.* 699
- Shen, Q. X. *See* Huang, Z. P. *et al.* 379
- Shen, W. X. *See* Huang, Z. P. *et al.* 379
- Sheth, B. *See* Fleming, T. P. *et al.* 325
- Short, R. V.  
 The HIV/AIDS pandemic: new ways of preventing infection in men 555
- Simmons, H. A. *See* Wrathall, A. E. *et al.* 103
- Skidmore, J. A., Billah, M., and Loskutoff, N. M.  
 Developmental competence *in vitro* and *in vivo* of cryopreserved, hatched blastocysts from the dromedary camel (*Camelus dromedarius*) 605
- Sneek, L. *See* Pierson, J. *et al.* 795

- Soñez, C. *See* White, V. *et al.* 363  
 Sosa, C. *See* Meikle, A. *et al.* 385  
 Souza, C. J. H. *See* González-Bulnes, A. *et al.* 421  
 Souza, C. J. H., González-Bulnes, A., Campbell, B. K., McNeilly, A. S., and Baird, D. T.  
   Mechanisms of action of the principal prolific genes and their application to sheep production 395  
 Stringfellow, D. A., Givens, M. D., and Waldrop, J. G.  
   Biosecurity issues associated with current and emerging embryo technologies 93  
 Supramaniam, V. G., Jenkin, G., Wallace, E. M., O'Connor, A. E., de Kretser, D. M., and Miller, S. L.  
   Effect of graded hypoxia on activin A, prostaglandin E<sub>2</sub> and cortisol levels in the late-pregnant sheep 625  
 Suzuki, T. *See* Wongsrikeao, P. *et al.* 773  
 Taggart, D. A. *See* Paris, D. B. B. P. *et al.* 811  
 Takeuchi, S. *See* Yonaha, H. *et al.* 355  
 Tanaka, K. *See* Yonaha, H. *et al.* 355  
 Tarín, J. J., Gómez-Piquer, V., Rausell, F., Hermenegildo, C., and Cano, A.  
   Effect of delayed breeding on the reproductive performance of female mice 373  
 Tasende, C. *See* Meikle, A. *et al.* 385  
 Tecirlioglu, R. T. *See* Xue, J. *et al.* 781  
 Teixeira, D. I. A. *See* Freitas, V. J. F. *et al.* 415  
 Temple-Smith, P. D. *See* Paris, D. B. B. P. *et al.* 811  
 Tesfaye, D. *See* El-Halawany, N. *et al.* 753  
 Thomas, F. *See* Fleming, T. P. *et al.* 325  
 Thompson, J. G. *See* Harvey, A. J. *et al.* 665  
 Thomsen, P. D. *See* Klisch, K. *et al.* 301  
 Townsend, D. J. *See* Warner, C. M. *et al.* 729  
 Toyoda, N. *See* Yonaha, H. *et al.* 355  
 Trounson, A. O. *See* West, M. *et al.* 339  
   and Cleary, M. *et al.* 699  
 Ungerfeld, R., Forsberg, M., and Rubianes, E.  
   Overview of the response of anoestrous ewes to the ram effect 479  
 Vajta, G. *See* Kragh, P. M. *et al.* 315  
 Vanderwall, D. K., Woods, G. L., Aston, K. I., Bunch, T. D., Li, G., Meerdo, L. N., and White, K. L.  
   Cloned horse pregnancies produced using adult cumulus cells 675  
 Veiga-López, A. *See* González-Bulnes, A. *et al.* 421  
 Véliz, F. *See* Delgadillo, J. A. *et al.* 471  
 Vielma, J. *See* Delgadillo, J. A. *et al.* 471  
 Voultisios, A. *See* Kennaway, D. J. *et al.* 801  
 Waldrop, J. G. *See* Stringfellow, D. A. *et al.* 93  
 Wallace, E. M. *See* Supramaniam, V. G. *et al.* 625  
 Wang, B. *See* Baldassarre, H. *et al.* 465  
   and Pierson, J. *et al.* 795  
 Wang, J. *See* Huang, Z. P. *et al.* 379  
 Ward, M. A., and Ward, W. S.  
   A model for the function of sperm DNA degradation 547  
 Ward, W. S. *See* Ward, M. A., and Ward, W. S. 547  
 Warner, C. M., Newmark, J. A., Comiskey, M., De Fazio, S. R., O'Malley, D. M., Rajadhyaksha, M., Townsend, D. J., McKnight, S., Roysam, B., Dwyer, P. J., and DiMarzio, C. A.  
   Genetics and imaging to assess oocyte and preimplantation embryo health 729  
 Weber, F. *See* Welter, H. *et al.* 689  
 Weigel, K. A. *See* Fischer-Brown, A. E. *et al.* 787  
 Welter, H., Bollwein, H., Weber, F., Rohr, S., and Einspanier, R.  
   Expression of endothelial and inducible nitric oxide synthases is modulated in the endometrium of cyclic and early pregnant mares 689  
 West, M., Galloway, D., Shaw, J., Trounson, A. O., and Paris, M. C. J.  
   Oestrous cycle of the common wombat, *Vombatus ursinus*, in Victoria, Australia 339  
 Wheeler, M. B. *See* Fischer-Brown, A. E. *et al.* 787  
 Wheeler, M. B., Clark, S. G., and Beebe, D. J.  
   Developments in *in vitro* technologies for swine embryo production 15  
 White, K. L. *See* Vanderwall, D. K. *et al.* 675  
 White, V., González, E., Capobianco, E., Pustovrh, C., Soñez, C., Romanini, M. C., and Jawerbaum, A.  
   Modulatory effect of leptin on nitric oxide production and lipid metabolism in term placental tissues from control and streptozotocin-induced diabetic rats 363  
 Wildt, D. E. *See* Pukazhenthi, B. S. *et al.* 33  
 Wilkins, A. *See* Fleming, T. P. *et al.* 325  
 Wimmers, K. *See* El-Halawany, N. *et al.* 753  
 Wongsrikeao, P., Otoi, T., Murakami, M., Karja, N. W. K., Budiyanto, A., Murakami, M., Nii, M., and Suzuki, T.  
   Relationship between DNA fragmentation and nuclear status of *in vitro*-matured porcine oocytes: role of cumulus cells 773  
 Woods, G. L. *See* Vanderwall, D. K. *et al.* 675  
 Wrathall, A. E., Simmons, H. A., Bowles, D. J., and Jones, S.  
   Biosecurity strategies for conserving valuable livestock genetic resources 103  
 Xue, J., Cooney, M. A., Hall, V. J., Korfiatis, N. A., Tecirlioglu, R. T., French, A. J., and Ruddock, N. T.  
   Effect of exogenous DMNPE-caged ATP on *in vitro*-matured bovine oocytes prior to parthenogenetic activation, fertilisation and nuclear transfer 781  
 Yang, Z. M. *See* Huang, Z. P. *et al.* 379  
 Yonaha, H., Minoura, H., Yoshida, T., Takeuchi, S., Noda, N., Tanaka, K., Nishiura, R., Kawato, H., and Toyoda, N.  
   Expression of neuropeptide Y is increased in murine endometrial epithelium during the peri-implantation period under regulation by sex steroids 355  
 Yoshida, T. *See* Yonaha, H. *et al.* 355  
 Yu, H. *See* Huang, Z. P. *et al.* 379  
 Yu, S.-J. *See* Kang, H.-S. *et al.* 763  
 Zhang, J. *See* Cui, S. *et al.* 611  
 Zhang, S., Blache, D., Blackberry, M. A., and Martin, G. B.  
   Dynamics of the responses in secretion of luteinising hormone, leptin and insulin following an acute increase in nutrition in mature male sheep 823  
 Zuelke, K. A. *See* Blomberg, L. A. *et al.* 87