DAFTAR PUSTAKA

Abdel-Khalek, E. A., M. A. El-Harairy, Sh. M. Shamiah dan W. A. Khalil. 2012. Effect of Ovary Preservation Period on Recovery Rate and Categories of Dromedary Camel Oocytes. Journal of biological science 17(3): 231-235.

Abdullah, S. M. 2015. Invitro Fertilization in Buffaloes: A Review. Journal of Buffalo Science 4: 11-14.

Alvarez, G.M., G. C. Dalvit, M. V. Achi, M. S. Miguez dan P. D. Cetica. 2009. Immature Oocyte Quality and Maturational Competence of Porcine Cumulus-Oocyte Complexes Subpopulations. Biocell 33(3): 167-177.

Amer, H. A., A. O. Hegab dan S. M. Zaabal. 2008. Effects of Ovarian Morphology On Oocyte Quantity and Quality, Granulosa Cells, in Vitro Maturation and Steroid Hormone Production in Buffaloes. Anim. Reprod. 5: 55-62.

Anguita, B., A. R. Jimenez-Macedo, D. Izquierdo, T. Mogas dan M. Paramio. 2007. Effect of Oocyte Diameter on Meiotic Competence, Embryo Development, p34 (cdc2) Expression and MPF Activity in Prepubertal Goat Oocytes. Theriogenology 67:526-536

Boediono, A., Yulnawati dan M. A. Setiadi. 2006. Tingkat Pematangan Inti Oosit Domba dari Ovarium dengan Status Reproduksi dan Medium Maturasi yang Berbeda. Science Direct 13(4): 131-136.

Broi, M. G. D., V. S. I. Giorgi, F. Wang, D. L. Keefe, D. Albertini dan P. A. Navarro. 2018. Influence of Follicular Fluid and Cumulus Cells on Oocytes Quality: Clinical Implications. Journal of Assisted Reproduction and Genetics 35: 735-751.

Febretrisiana, A., M. A. Setiadi dan N. W. K. Karja. 2015. Tingkat Fertilisasi Oosit Domba Dari Ovarium Yang Disimpan Pada Suhu Dan Waktu Yang Berbeda Secara in Vitro. Jurnal Kedokteran Hewan 9(2): 109-113.

Francesco, S. D., L. Bocia, R. D. Palo, G. Esposito. 2010. Influence of Temperature and Time During Ovary Transportation on in Vitro Embryo Production Efficiency in The Buffalo Species (Bubalus Bubalis). Italian Journal of Animal Science 6(2): 755-758.

Gabr, Sh. A., A. E. Abdel-Khalek dan I. T. El-Ratel. 2015. Evaluation of Some Factors Affecting Quantity, Quality and In Vitro Maturation of Buffalo Oocytes. Asian Journal of Animal and Veterinary Advances 10:1-13.

Goeseels, S. B. dan P. Panich. 2002. Effects of Oocyte Quality on Development and Transcriptional Activity in Early Bovine Embryos. Anim Reprod Sci. 71: 143-155.

Gordon, I. 1994. Laboratory Production of Cattle Embryos. Willingford UK: CABI Publishing. 455 hal.

Gustina, S., H. Hasbi, N. W. K. Kurnia, M. A. Setiadi dan I. Supriatna. 2017. Kualitas oosit kerbau dari status reproduksi ovarium yang berlainan. Jurnal Sain Veteriner 35(2): 216-222.

Hafez, B. dan E. S. E. Hafez. 2000. Reproduction in Farm Animals. USA: Lippincott Williams and Wilkins.

Hafizudin, T. N. Siregar dan M. Akmal. 2012. Hormon dan Perannya Dalam Dinamika Folikuler Pada Hewan Domestik. Jesbio. 1(1): 21-24.

Hammad M. E, Sh. A. Gabr, I. T. El-Ratel, dan M. A. Gad. 2014. Efficacy of different collection techniques on yield and quality of Egyptian buffalo oocytes. J. Anim. Poult. Prod. 5(7): 413-422.

Hamny, S. Agungpriyono, I. Djuwita, W. E. Prasetyaningtyas dan I. Nasution. 2010. Karakteristik Hostologi Perkembangan Folikel Ovarium Fase Luteal Pada Kancil (*Tragulus javanicus*). Indonesian Journal of Veterinary Science and Medicine 11(1): 35-42.

Islam, M. R., M. A. M. Y. Khandoker, S. Afroz, M. G. M. Rahman dan R. I. Khan. 2007. Qualitative and Quantitative Analysis of Goat Ovaries, Follicles and Oocytes in View of In Vitro Production of Embryos. Journal of Zhenjiang University Sci. B. 8(7):465-469.

Jaswandi, M. A. Setiadi, A. Boediono, M. R. Toelihere dan Y. Sukra. 2016. Potensi Ovarium yang Dipotong Untuk Produksi Embrio in Vitro. Med. Pet. 24(2): 30-33.

Kaiin, E. M., S. Said dan B. Tappa. 2008. Kelahiran Anak Sapi Hasil Fertilisasi Secara *In Vitro* dengan Sperma Hasil Pemisahan. Media Peternakan 31(1): 22-28.

Kakkassery, M. P., V. Vijayakumaran dan T. Sreekumaran. 2010. Effect of Cumulus Oocyte Complex Morphology on in Vitro Maturation of Bovine Oocytes. J. Vet Anim Sci. 41: 12-17.

Karadjole, M., I. Getz, M. Samardzija, N. Macesic, M. Mario, Z. Makek, T. Karadjole, G. Bačić, T. Dobranić dan M. Poletto. 2010. The developmental competence of bovine immature oocytes and quality of embryos derived from slaughterhouse ovaries or live donors by ovum pick up. Veterinarski Arhiv 80(4): 445-454.

Karaszewski, B., Wardlaw J. M., Marshall I., Cvoro V., Wartolowska K., Haga K., Armitage P. A., Bastin M. E. dan Dennis M. S. 2009. Early Brain

Temperature Elevation and Anaerobic Metabolism in Human Acute Ischaemic Stroke. Brain 132: 955-964.

Krisher, R. L., A. M. Brad, J. R. Herrick, M. L. Sparman dan J. E. Swain. 2007. A Comparative Analysis of Metabolism and Viability in Porcine Oocytes During *In vitro* Maturation. Animal Reproduction Sci. 98: 72-96.

Lopes, C. P. A., R. R. D. Santos, J. J. D. H. Celestino, M. A. P. Melo, R. N. Chaves, C. C. Campello, J. Roberto, V. Silva, S. N. Bao, K. Jewgenow dan J. R. D. Figueiredo. 2009. Short-term Preservation of Canine Preantral Follicles: Effects of Temperature, Medium and Time. Anim. Reproduction Science 115: 201-214.

Manjunatha, B. M., P. S. P. Gupta, J. P. Ravindra, M. Devaraj, H. S. Ramesh dan S. Nandi. 2007. In vitro developmentals competence of buffalo oocytes collected at various stages of the estrous cycle. Theriogenology 68:882-888.

Muhajir, M., N. W. K. Karja, M. A. Setiadi dan I. K. M. Adnyane. 2018. Kompetensi Maturasi Oosit in vitro dan Kajian Histologi Folikel dari Ovarium Domba Pasca Penyimpanan Pada Suhu 4°C. Acta Veterinaria Indonesiana 6(2): 16-23.

Muttaqin, Z., N. W. K. Karja dan M. A. Setiadi. 2015. Kemampuan Maturasi dan Fertilisasi Oosit Sapi yang diseleksi Menggunakan Teknik Pewarnaan Brilliant Cresyl Blue. Jurnal Veteriner 16(2): 242-248).

Nanda, S. 2017. Tingkat Maturasi Oosit dan Perkembangan Awal Embrio Sapi dengan Penambahan Insulin Pada Media Maturasi dan atau Media Kultur Secara *In Vitro*. [Tesis]. Bogor. Sekolah Pascasarjana Institut Pertanian Bogor. 25 hal.

Palmerini, M. G., S. A. Nottola, G. G. Leoni, S. Succu, X. Borshi, F. Berlinguer, S. Naitana, Y. Bekmukhambetov dan G. Macchiarelli. 2014. In vitro maturation is slowed in prepubertal lamb oocytes: ultrastructural evidences. Reprod. Biol. Endocrinol. 24(12): 115.

Parera, H. dan V. Lenda. 2019. Pengaruh Corpus Luteum dan Folikel Dominan Terhadap Kualitas Morfologi Oosit Sapi Bali-Timor. Jurnal Kajian Veteriner 3(1): 63-70.

Penitente-Filho, J. M., C. R. Jimenez, A. M. Zolini, E. Carrascal, J. L. Azevedo, C. O. Silveira, F. A. Oliveira and C. A. A. Torres. 2015. Influence of Corpus Luteum and Ovarian Volume on The Number and Quality of Bovine Oocytes. Animal Science Journal 86: 148-152.

Penitente-Filho, J. M., E. Carrascal, F. A. Oliveira1, A. M. Zolini, C. T. Oliveira, Í. A. C. Soares and C. A. A. Torres. 2014. Influence of Dominant Follicle and

Corpus luteum on Recovery of Good Quality Oocytes for in vitro Embryo Production in Cattle. British Biotechnology Journal 4(12): 1305-1312.

Saleh, W. M. 2017. Assessment of Different Methods of Bovine Oocytes Collection, Maturation and Invitro Fertilization of Abattoir Specimens. Iraqi Journal of Veterinary Science 31(1): 55-65.

Senger, P. L. 1999. Pathway to pregnancy and parturition. USA: John Wiley & Sons.

Shabankareh, H. K., M. H. Shahsavari, H. Hajarian, dan G. Moghaddam. 2015. In vitro developmental competence of bovine oocytes: Effect of corpus luteum and follicle size. Iranian journal of reproductive medicine 13(10): 615–622.

Singh, S., O. P. Dhanda, dan R. K. Malik. 2001. Effect of the presence of corpus luteum on oocyte recovery and subsequent maturation and fertilization in buffaloes. Asian-Aust. J. Anim. Sci. 14:1675-1677.

Steel, R. G. D, J. H. Torrie dan B. Sumantri. 1993. Prinsip dan Prosedur Statistika. Jakarta: Gramedia. 748 hal.

Sudjana. 2005. Metoda Statistika. Bandung: Tarsito. 508 hal.

Syaiful, F. L., R. Saladin, Jaswandi dan Z. Udin. 2011. Pengaruh Waktu Fertilisasi dan Sistem Inkubasi yang Berbeda Terhadap Tingkat Fertilisasi Sapi Lokal Secara *In Vitro*. Jurnal Peternakan Indonesia 13(1): 27-35.

Tanghe, S., A. V. Soom, H. Nauwynck, M. Coryn dan A. D. Kruif. 2002. Minireview: Functions of the cumulus oophorus during oocyte maturation, ovulation, and fertilization. Molecular Reproduction and Development 61(3): 414-424.

Udin, Z., Masrizal, Hendri dan S. Nanda. 2020. Evaluation of Different Techniques in Recovering of Oocytes and Storage Duration of Ovaries on the Quality and Quantity of Bovine in Vitro Maturation. Buletin of Animal Science 44(2): 1-7.

Wang, Y. S., X. Zhao, J. M. Su, Z. X. An, X. R. Xiong, L. J. Wang, J. Liu, F. S. Quan, S. Hua dan Y. Zhang. 2011. Lowering Storage Temperature During Ovary Transport is Beneficial to The Developmental Competence of Bovine Oocyte for Somatuic Cell Nuclear Transfer. Animal Reproduction Science 124: 48-54.

Widyastuti, R dan S. D. Rasad. 2015. Tingkat Kematangan Inti Oosit Sapi Setelah 24 jam Preservasi Ovarium. Agripet. 15(1): 72-78.

Widyastuti, R., M. R. A. A. Syamsunarno, A. Yusuf, M. R. Ridlo dan S. Prastowo. 2018. Pengaruh Keberadaan Corpus Luteum Terhadap Kualitas dan Tingkat

Maturasi Oosit Domba Lokal Umur Pubertas Awal Secara In Vitro. Agripet. 18(2): 83-89.

Wolf, D. P. dan Wooten, M. Z. 2001. Assisted Fertilization and Nuclear Transfer in Mamals. New Jersey: Humana Press.

Wongsrikeao, P., T. Otoi, N. W. K. Karja, B. Agung, M. Nii dan T. Nagai. 2005. Effect of Ovary Storage Time and Temperature on DNA Fragmentations and Development of Porcine Oocyte. Jurnal Repro and Dev. 51(1): 87-97.