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Publications

Ashish Mishra, I. J. Reddy, A. Dhali and P. K. Javvaji (2018). L-Ergothioneine improves the developmental potential of *in vitro* sheep embryos without influencing OCTN1-mediated cross-membrane transcript expression. *Zygote*, 26(2): 149-161.

Ashish Mishra, I. J. Reddy, P. S. P. Gupta and S. Mondal (2018). Total RNA content in Sheep oocytes and developing embryos produced *in vitro*, a comparative study between Spectrophotometric and Fluorometric assay. *Cyto. Genet.*, 52 (1): 62-74.

Ashish Mishra, I. J. Reddy, P. S. P. Gupta and S. Mondal (2017). Expression of apoptotic and antioxidant enzyme genes in sheep oocytes and *in vitro* produced embryos. *Anim. Biotechnol.*, 28(1): 18-25.

Ashish Mishra, I. J. Reddy, P.S.P. Gupta and S. Mondal (2016). L-Carnitine mediated reduction in oxidative stress and alteration in transcripts level of antioxidant enzymes in sheep embryos produced *in vitro*. *Reprod. Dom. Anim.*, 51 (2): 311-321.

Ashish Mishra, I. J. Reddy, P. S. P. Gupta and S. Mondal (2016). Developmental regulation and modulation of apoptotic genes expression in sheep oocytes and embryos cultured *in vitro* with L-carnitine. *Reprod. Dom. Anim.*, 51 (6): 1020-1029.

Ashish Mishra, P. S. P. Gupta, V. Sejian, I. J. Reddy and J. P. Ravindra (2016). Maturation timing and fetal bovine serum concentration for developmental potential of sheep oocytes *in vitro*. *Ind. J. Exp. Biol.*, 54 (10): 630-633.

I. J. Reddy, **Ashish Mishra** and S. Mondal (2015). Suppression of chicken prolactin transcription and translation in hen anterior pituitocytes by RNA interference and its effect on associated hormones. *Gene Ther. Mol. Biol.*, 17: 82-99.

I.J. Reddy, **Ashish Mishra**, S. Mondal and H.N.N. Murthy (2013). *In vitro* suppression of prolactin during later stages of egg lay in domestic hen (*Gallus Gallus Domesticus*) anterior pituitocytes by RNA interference. *Int. J. Poul. Sci.*, 12 (2): 76-79.

Ashish Mishra, G. T. Sharma and G. Sai Kumar (2010). Expression profile of Connexin 43(Cx43) and Poly A Polymerase (PAP) genes in buffalo (*Bubalus bubalis*) embryos produced *in vitro*. *J. Appl. Anim. Res.* 38: 29-32.

Ashish Mishra, R.K. Mahapatra and D. C. Shukla (2006). Changes in blood metabolites, endocrines and milk yield of crossbred cows treated with recombinant bovine somatotropin. *J. Appl. Anim. Resear.* 30(1):33-36.

Ashish Mishra and D. C. Shukla (2004). Effect of recombinant bovine somatotropin (Boostin-250) on blood metabolites and milk yield in lactating buffaloes. *Asian-Aust. J. Anim. Sci.* 17(9): 1232-1235.