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Publications

Javvaji PK, **Dhali A**, Francis JR, Kolte AP, Mech A, Sathish L, Roy SC. 2018. Interleukin-7 improves in vitro maturation of ovine cumulus-oocyte complexes in a dose dependent manner. *Cytokine* *S1043-4666(18)30323-5*. <https://www.sciencedirect.com/science/article/abs/pii/S1043466618303235>.

Chikkerur J, Samanta AK, **Dhali A**, Kolte AP, Roy S, Maria P. 2018. In Silico evaluation and identification of fungi capable of producing endo-inulinase enzyme. *PLoS One*. 2018 Jul 12;13(7):e0200607. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0200607>.

Dhali A, Javvaji PK, Kolte AP, Francis JR, Roy SC, Sejian V. 2017. Temporal expression of cumulus cell marker genes during in vitro maturation and oocyte developmental competence. *J Assist Reprod Genet* *34(11):1493-1500*. <https://link.springer.com/article/10.1007%2Fs10815-017-0998-z>.

Dhali A, Anchamparuthy VM, Butler SP, Pearson RE, Gwazdauskas FC. 2009. In vitro development of bovine embryos cultured with stem cell factor or insulin-like growth factor-I following IVF with semen of two bulls having different field fertility. *Anim Reprod Sci* *116(3-4):188-95*. <https://www.sciencedirect.com/science/article/pii/S0378432009000323?via%3Dihub>.

Dhali A, Anchamparuthy VM, Butler SP, Pearson RE, Mullarky IK, Gwazdauskas FC. 2009. Effect of droplet vitrification on development competence, actin cytoskeletal integrity and gene expression in in vitro cultured mouse embryos. *Theriogenology* *71(9):1408-16*. <https://www.sciencedirect.com/science/article/pii/S0093691X09000326?via%3Dihub>.

Dhali A, Karunakaran M, Mech A, Nath N, Prakash B, Rajkhowa C, Mishra DP. 2008. Birth of the first mithun (*Bos frontalis*) calf through artificial insemination. *Animal* *2(6):879-82*. <https://www.cambridge.org/core/journals/animal/article/birth-of-the-first-mithun-bos-frontalis-calf-through-artificial-insemination/38897D2BD8AE92F25E7F7E6C605A9445>.

Dhali A, Anchamparuthy VM, Butler SP, Pearson RE, Mullarky IK, Gwazdauskas FC. 2007. Gene expression and development of mouse zygotes following droplet vitrification. *Theriogenology* *68(9):1292-8*. <https://www.sciencedirect.com/science/article/pii/S0093691X0700533X?via%3Dihub>.

Dhali A, Mishra DP, Mech A, Karunakaran M, Rajkhowa C. 2006. Role of LH and prostaglandin F2alpha on the development and regression of corpus luteum in mithun (*Bos frontalis*) estrous cycle. *Gen Comp Endocrinol* *149(2):173-81*. <https://www.sciencedirect.com/science/article/pii/S0016648006001821?via%3Dihub>.

Dhali A, Mishra DP, Karunakaran M, Mech A, Rajkhowa C. 2006. Secretion patterns of luteinising hormone, follicle-stimulating hormone and 17beta-oestradiol during oestrus and the mid-luteal phase of the oestrous cycle in mithun (*Bos frontalis*). *Reprod Fertil Dev* *18(6):619-26*. <https://www.publish.csiro.au/RD/RD06005>.

Dhali A, Manik RS, Das SK, Singla SK, Palta P. 2000. Verification of buffalo (*Bubalus bubalis*) oocytes. *Theriogenology* *53(6):1295-303*. <https://www.sciencedirect.com/science/article/pii/S0093691X00002739>.