



**Dr. Nitin Mohan Attupuram, B.V.Sc., M.V.Sc., Ph D.
Scientist (Livestock Production Management)**

nitinmohanattupuram[at]gmail[dot]com
Nitin.Attupuram[at]icar[dot]gov[dot]in

+91 9466 96 6770 (M)
+91-361-2847195 (O)

Publications	Total no. of Research Paper : 6
	Total no. of Book/Manual chapters : 5
Experience with research interest:	
<p>Dr Nitin M. Attupuram completed his MVSc from ICAR-Indian Veterinary Research Institute (IVRI) and doctorate from ICAR-National Dairy Research Institute (NDRI). Before joining ICAR, he worked with National Dairy Development Board as the monitoring officer of NDP-1 projects including some progeny testing, pedigree selection, strengthening of semen stations, and embryo transfer projects. He has also worked with Animal Husbandry Department, Kerala as a Veterinary Surgeon. His research interests include molecular mechanisms in animal reproduction and growth.</p>	
Top 10 Publications:	
<ol style="list-style-type: none">1. Attupuram N.M., Kumaresan A., Narayanan K. and Kumar H. 2016. Cellular and molecular mechanisms involved in placental separation in the bovine: A review. Molecular reproduction and development. DOI 10.1002/mrd.226352. Rajak, S.K., Kumaresan, A., Attupuram, N.M., Chhillar, S., Baithalu, R.K., Nayak, S., Sreela, L., Singh, R.K., Tripathi, U.K., Mohanty, T.K. and Yadav, S. 2017. Age-related changes in transcriptional abundance and circulating levels of anti-Mullerian hormone and Sertoli cell count in crossbred and Zebu bovine males. Theriogenology. 89 (1-8).3. Baithalu, R.K., Singh, S.K., Kumaresan, A., Mohanty, A.K., Mohanty, T.K., Kumar, S., Kerketta, S., Maharana, B.R., Patbandha, T.K., Attupuram, NM and Agarwal, S.K. 2017. Transcriptional abundance of antioxidant enzymes in endometrium and their circulating levels in Zebu cows with and without uterine infection. Animal reproduction science. 177:79-87.4. Boro P, Kumaresan A, Singh AK, Gupta D, Kumar S, Manimaran A, Mohanty AK, Mohanty TK, Pathak R, Attupuram NM, Baithalu RK and Prasad S. 2014. Expression of short chain fatty acid receptors and pro-inflammatory cytokines in utero-placental tissues is altered in cows developing retention of fetal membranes. Placenta. 35(7): 455–460.5. Boro P, Kumaresan A, Pathak R, Manimaran A, Baithalu RK, Attupuram NM and Mohanty TK. 2015. Alterations in peripheral blood concentration of certain pro-inflammatory cytokines in cows developing retention of fetal membranes. Animal Reproduction Science. 157:11-166. Rajak, S.K., Tripathi, U.K., Attupuram, N.M., Boro, P., Layek, S.S., Aslam, M.K.M., Kumaresan, A., Mohanty, T. K., Sreela L. and Arul Prakash, M. 2014. Relationship of blood and seminal plasma testosterone concentrations with semen quality in crossbred bulls. Indian Journal of Dairy Science. 67(2): 162-167.	
Technologies developed:	

NA

Awards:

NA

Membership of professional society:

- Indian Society of Animal Production and Management
- Society for Conservation of Domestic Animal Biodiversity
- Indian Society for Study of Animal Reproduction