


| | |
|--|---|
| <p>Dr. Basanti Jyotsana Scientist (Animal Biotechnology) M.V.Sc. 2008, , Anand Agricultural University, Anand, Gujarat Ph.D. 2015, NDRI, Karnal Experience : 7 years Area of Research Interest : Reproductive Biotechnology, Molecular Genetics Phone No.: 91-9461821718 Email:basanti.jyotsana@icar.gov.in</p> |  |
|--|---|

| Publications | |
|--------------|--|
| SN | Article |
| 1. | <p>Jyotsana, B. Sahare, A. A, Raja, A K, Singh K P, Nala N, Singla S K, Chauhan, M. S., Manik, R. S. and Palta P. 2016. Use of peripheral blood for production of buffalo (<i>Bubalus bubalis</i>) embryos by Hand-made cloning. <i>Theriogenology</i>. Sept, 86 (5): 1318-1324.</p> |
| 2. | <p>Jyotsana, B. Sahare, A. A, Raja, A K, Singh K P, Singla S K, Chauhan, M. S., Manik, R. S. and Palta P. (2015). Handmade Cloned Buffalo (<i>Bubalus bubalis</i>) Embryos produced from somatic cells isolated from Milk and ear Skin differ in their Developmental Competence, Epigenetic status and Gene Expression. <i>Cell Reprogram</i>. Oct, 17(5): 393-403.</p> |
| 3. | <p>Basanti Jyotsana, Subhash Jakhesara, Ved Prakash, D.N. Rank and P. H. Vataliya. (2010) Genetic features of Patanwadi, Marwari and Dumba sheep breeds (India) inferred by microsatellite markers. <i>Small Ruminant Research</i>. 93: 57-60.</p> |
| 4. | <p>Basanti Jyotsana, Subhash Jakhesara, Ved Prakash, D.N. Rank and P. H. Vataliya. (2011) Study of genetic variability and relationship among Patanwadi, Marwari and Dumba sheep breeds based on microsatellite analysis. <i>Indian Vet. J.</i> 88 (3): 39-41.</p> |
| 5. | <p>Ved Prakash, Tarun K Bhattacharya, Basanti Jyotsana and O. P. Pandey. (2011) Molecular cloning, characterization, polymorphism, and association study of the Interleukin-2 gene in Indian crossbred Cattle. <i>Biochemical Genetics</i>. 49, 9-10, 638-644.</p> |
| 6. | <p>A.S. Meena, Rajiv kumar, Rajni kumari, Basanti Jyotsana, L.L.L. Prince and Satish kumar. (2013). Genetic polymorphism of melatonin receptor 1A (<i>MTNR1A</i>) gene in Indian sheep breeds. <i>Indian Journal of Animal Sciences</i> 83 (12): 1284–1287.</p> |
| 7. | <p>Basanti Jyotsana, Rajiv kumar, Rajni kumari, A. S. Meena, L.L.L. Prince, Ved Prakash and Satish kumar. 2014. β-lactoglobulin gene polymorphism in indian sheep breeds of different agro-climatic regions. <i>Indian journal of animal sciences</i>. 84 (10): 1133–1136.</p> |
| 8. | <p>Rajni kumari, Rajiv kumar, A. S. Meena, B. Jyotsana, L.L.L. Prince and Satish kumar. (2014). Genetic polymorphism of growth hormone gene in native sheep breeds of India. <i>The Indian journal of small ruminants</i>. 20 (2): 15-18.</p> |
| 9. | <p>Rajni kumari, L.L.L. Prince, Rajiv kumar, A. S. Meena, B. Jyotsana and Ved Prakash. (2014). Effect of gene polymorphism of growth hormone on growth traits in Malpura and Avikalin sheep. <i>The Indian journal of small ruminants</i>. 20 (2): 106-108.</p> |

| | |
|-----|--|
| 10. | Kaith S, Saini M, Raja A K, Sahare A A, Jyotsana B , Madheshiya P K, Palta P, Chauhan M S, Manik R S and Singla S K. (2015). Early Cleavage of Handmade Cloned Buffalo (<i>Bubalus bubalis</i>) Embryos is an Indicator of Their Developmental Competence and Quality. <i>Reprod Dom Anim.</i> 50 : 214-220. |
| 11. | Madheshiya PK, Sahare A A, Jyotsana B , Singh K P, Saini M, Raja A K, Kaith S, Singla S K, Chauhan M S, Manik R S and Palta P. (2015). Production of a Cloned Buffalo (<i>Bubalus bubalis</i>) Calf from Somatic Cells Isolated from Urine. <i>Cell Reprogram.</i> Jun:17(3):160-9. |
| 12. | B. Jyotsana , Kumar R, Kumari R, Meena A S, Prince L.L.L., Ved Prakash and Kumar S (2016) Identification of genetic variants of β -Lactoglobulin gene in Garole, Malpura, Patanwadi sheep and their crossbreds. <i>Indian Journal of Small Ruminants</i> 22(2):174-177. |