

Division of Livestock and Fishery Management

Personal Details



Dr. Rajni Kumari
Scientist

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Research Interest

Molecular Genetics

Research Highlights

Marker assisted selection, Genetic improvement of livestock, gene expression studies

Memberships / Fellowships

- (1) Indian science congress - Life member
- (2) Socdab - Life member
- (3) Issgpu - Life member

Technology Developed

Publication Details

Papers in research journals (national/international):

1. Kumar, S., Walli, T. K. and **Kumari, R.** 2010. Nutrient utilization and growth performance of buffalo calves fed roasted soyabean cake vis-à-vis formaldehyde treated cake. **Indian J. Anim. Nutr.** **27**(4):339-346.
2. Sanjeev kumar, Shreyas patel, S. R. Bhagwat, Sanjay kumar and **Rajni kumari** 2011. Manganese, Zinc, Copper and Iron bioprofile of camels (*camels dromederius*). **Indian Veterinay Journal** .
3. Kumar, S.; Walli, T. K. and **Kumari, R.** 2011. Optimization of Roasting condition for soyabean cake evaluated by in-situ protein degradability and N-fractionation method. **Indian Journal of Animal Science** **81**(4): 402-06, April-2011.
4. Amar Singh Meena, Satish Kumar, Rajiv Kumar, **Rajni Kumari** and L. L. L. Prince (2013).Kendrapada bedo ki naslon mein FecB gene ki anuvanshiki baturupata ka adhyan avom pahchan. **Avi Vigyan Journal** .
5. Ajay P. Raval, Yogesh M. Gami, Sanjay Kumar¹, Devchand A. Sadrasaniya, S.R. Bhagwat and **Rajni Kumari**.2013. Effect of Probiotics Supplementation on Nutrient Utilization, Production Performance and Economics of feeding in Lactating Kankrej Cows.**Indian J. Anim. Nutr.** **30**(2):113-118.

6. S.V.Lal, S.Singh, **R. Kumari** and S.Kumar (2012).Molecular and epigenetic study of H19 gene in goat (Capra Hircus). “*Indian Journal of Animal Research*”. **46(1): 15-21.**
7. Amar Singh Meena, Rajiv Kumar, **Rajni Kumari** , B. Jyotsana,L. L. L. Prince and Satish Kumar. (2013). Genetic polymorphism of Melatonin Receptor 1A gene in Indian Sheep breeds. *Indian Journal of Animal Science* **in Press.**

Technical/Popular articles:

1. **Rajni Kumari**, Amar Singh Meena, Rajiv Kumar and L L.L.Prince (2010). Pargini Pashu avam Manav Kalyana, Avipunj (7): 28-32.
2. Bhed ki Awaz – **Rajni Kumari**(2010). Avipunj (7): 85.
3. Amar Singh Meena, Rajiv Kumar, **Rajni Kumari** and L L.L.Prince (2010) Vibhinn Prakar ke Aanuvanshik Chinhak, Avipunj (7): 45-48
4. Vivek Kumar, **Rajni Kumari**, Sanjay Kumar and S.R Bhagwat.(2011). Prevention of clinical disease through Gene- Therapy. Published in Agrovvet, Bimonthly magazine focus on Agriculture and Veterinary Sciences, Vol. IV, Issue II, 15 March-15 May, 2011
5. Amar Singh Meena, Rajiv Kumar, **Rajni Kumari**, Basanti Jyotsana and L. L. L. Prince (2011) Pargini-Pashuo ka mahtva, *Rajbhasha Alok* (14): **20-21**
6. Amar Singh Meena, Basanti Jyotsana, **Rajni Kumari**, Rajiv Kumar and L. L. L. Prince (2011) Bedo ka nasal sudhar m polymerase shrinkhala abhikriya-pratibandh khand lambai bahurupata chinhak ka mahtva, *Avipunj* (8) : **10-11**
7. **Rajni Kumari**, Sanjay Kumar, S.V.Lal and J.P.Sehgal. (2011). Influence of environmental and nutritional stress on animal production. Published in Agrovvet, Bimonthly magazine focus on Agriculture and Veterinary Sciences, Vol. IV, Issue VI, 15 Nov-15 Jan, 2012
8. S.R Bhagwat, Sanjay Kumar, **Rajni Kumari**, and J.P.Sehgal. (2011). Nutrition of wild animals. Published in Agrovvet, Bimonthly magazine focus on Agriculture and Veterinary Sciences, Vol. IV, Issue VI, 15 Nov-15 Jan, 2012