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### Scholarly Interests

My research interest includes studies related to parasite biology, ecology, transmission and disease dynamics. I am also interested in studying anthelmintic resistance, ethnoveterinary medicines and molecular parasitology. In future, I would like to work on GIS and RS based ecological study of Yak parasites.

### Ongoing research projects

1. Detection of anthelmintic resistance in GI nematodes of yak and other high-altitude ruminants (PI)
2. AICRP on Plastic Engineering Technology (CoPI)
3. National Mission on Sustaining the Himalayan Ecosystem (CoPI)

### Recent publications (Ten Recent)

1. Chatterjee N, Dhar B., Bhattacharya D., Deori S., Doley J., **Bam J.**, Das P.J., Bera A.K., Deb S.M., Devi N.N., Paul R., Malvika S. and Ghosh S.K. (2017). Genetic assessment of leech species from yak (*Bos grunniens*) in the tract of Northeast India, *Mitochondrial DNA Part A*, DOI:10.1080/24701394.2016.123891
2. Rout M., Bhattacharya D., Prusty B.R., Chatterjee N., Bera A.K., Doley J., Deori S., Medhi D., **Bam J.**, Hanah S.S., Deb S.M. and Pattnaik B. (2017). Foot-and-mouth disease virus infection-specific non-structural protein antibodies detected in populations of mithun (*Bos frontalis*), yak (*Bos grunniens*) and their hybrids maintained in farms and villages of Arunachal Pradesh, India. *Indian Journal of Animal Sciences*, **87**(9):1090-1091.
3. **Bam J.**, Islam S., Bhattacharya D., Deka D.K., Kalita D.J., Sharma R.K., Pathak P., Maiti S., Bera A.K. and Deb S.M. (2016). *In-Vitro* effect of some plant extracts on Buffalo Leech, *Hirudinaria manillensis*. *Indian Journal of Animal Sciences*, **86**(9):988-990.
4. Krishnan G., Paul V., Hanah S.S., **Bam J.** and Das P.J. (2016). Effects of climate change on yak production at high altitude. *Indian Journal of Animal Sciences*. **86** (6): 621-626.
5. **Bam J.**, Rai S., Bhattacharya D., Maiti S., Islam S., Pathak P., Bera A.K. and Deb S.M. (2015). Indigenous curative and prophylactic traditional practices used against haematophagous leeches in Arunachal Pradesh and Sikkim. *Indian Journal Traditional Knowledge*, **14**(3):493-497.
6. Deori S., **Bam J.** and Paul V. (2015). Production performance of yaks (*Poephagus grunniens* L.) and their calves given vitamin E and Selenium during late gestation. *Philippines Journal of Veterinary Medicine*, **52**(2):121-124.
7. Bera A.K., Maji C., Hussain M., **Bam J.**, Bhattacharya D., Maiti S., Biswas T.K., Deori S. and Deb S.M. (2015). A retrospective analysis on yak mortality with special emphasis on neonatal mortality. *Indian Journal of Animal Sciences*, **85**(5):446-450.
8. Bera A.K., Hussain M., Maji C., Maiti S., Doley J., Bhattacharya D., **Bam J.**, Deori S., Paul V., Biswas T.K. and Deb S.M. (2015). High seroprevalence of bovine herpesvirus-1 and *Brucella abortus* in yak populations of Arunachal Pradesh, India correlates with abortion. *Indian Journal of Animal Sciences*, **85**(7):751-754.
9. Bora L., **Bam J.**, Paul V. and Maiti S. (2014). Traditional milk, meat processing and preservation techniques of the Yak Pastoralists of Arunachal Pradesh. *Indian Journal Traditional Knowledge*, **13**(1):216-221.
10. **Bam J.**, Kumar P., Leishangthem G.D., Saikia A. and Somvanshi R. (2012). Spontaneous cutaneous papillomatosis in yaks and detection and quantification of Bovine Papillomavirus 1 and 2. *Transboundary and Emerging Diseases*, DOI:10.1111/j.1865-1682.2012.01361.x.