



PRITHVIRAJ CHAKRAVARTY, MVSc, PhD
Principal Scientist (Animal Physiology)
ICAR-National Research Centre on Yak
Dirang - 790101, West Kameng district
Arunachal Pradesh, India
E-mail : drpcicar@gmail.com
Phone: +91-3780 242389 Extn. 241(O), 238(R), +91-9435149049 (M)
Fax: +91-3780242273

Scholarly Interests

My academic and research interest is on reproductive physiology and reproductive biotechnology. I am also interested in conservation of animal resources in North Eastern Region. I continue to work on these areas.

Ongoing research projects

- *Ex-situ* conservation of yak germplasm (As PI)

Recent publications (Ten Recent)

1. Barman Champak, Baruah Anubha, Sarmah BK, Baruah KK, Sarmah BC, **Chakravarty P**, Dutta A, Deka BC, Mondal M, Rakjkowa C and Thakuria P. (2013). Serum protein, glucose and cholesterol concentrations in superovulated mithun cows. *Indian Veterinary Journal*, **90**(6):140-141.
2. Borah S, Sarmah BC, **Chakravarty P**, Naskar S, Dutta DJ and Kalita D. (2013). Effect of zinc supplementation on serum biochemical in grower pig. *Journal of Applied Animal Research*. <http://www.tandfonline.com/loi/taar20>. Published online : 04 Oct 2013
3. **Chakravarty P**. (2013). First test tube yak calf born at NRC on yak. Report published in *Indian Veterinary Journal*, **90**(9):72.
4. **Chakravarty P**, Hussain M, Soren S, Bhuyan S, Baishya D, Jatiana B, Dutta DJ, Paul V and Deori S. (2014). Comparative study on recovery rate of yak and cattle oocytes by aspiration and post-aspiration slicing technique. *Indian Veterinary Journal*, **91**(03):11-13.
5. Hussain M, **Chakravarty P**, Chauhan M S, Soren S, Borah B K D, Doley J and Das PJ (2014) : Quality assessment of yak oocytes for *in vitro* production of yak embryos. *Indian Journal of Animal Sciences*, **84**(9):969-971.
6. **Chakravarty P**, Hussain M, Chauhan MS, Manik RS, Baishya D, Bhuyan S, Soren S, Deori S, Paul V, Das PJ, Doley J, Borah BKD, Krishnan G, Dutta DJ and Deb SM. (2014). *In vitro* yak embryo production through conventional and OPU methods. *Reproduction, Fertility and Development*, **27**(1):218.
7. Hussain M, **Chakravarty P**, Soren S, Deori S and Begum SS. (2015). Effect of recovery technique and culture media on *in vitro* maturation of indigenous cattle oocytes of Assam. *Indian Journal of Research*, **49**(1):51- 54.
8. Borah BKD, Deka BC, Biswas RK, **Chakravarty P**, Deori S, Sinha S, Ahmed K Dutta DJ and Bhattacharyya DK. (2015): Effect of equilibration period on post thaw semen quality of Indian yak. *Indian Journal of Animal Sciences*, **85**(6): 607–609.
9. Borah BKD, Deka BC, Biswas RK, **Chakravarty P**, Deori S, Sinha S and Ahmed K. (2015). Effect of thawing methods on frozen semen quality of yak (*Poephagus grunniens L.*) bulls. *Veterinary World*, **8**:831-834.
10. **Chakravarty P**. (2015). Reproductive biotechnology: its necessity for Livestock production with special reference to pig. *Journal of Veterinary Science and Technology*, **6**(6):47.