

Division of Livestock and Fishery Management

Personal Details



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Research Interest

Infectious diseases of livestock.

Research Highlights

Epidemiology of infectious diseases of livestock. Epidemiology of Porcine enteric Picornaviruses in Pigs, Pathologic characterization of Japanese encephalitis virus isolated from Pigs.

Memberships / Fellowships

Member of Indian association of Veterinary Pathologists

Technology Developed

Prevalence of PPR and Blue tongue in small ruminants in Bihar, Prevalence of BVDV, Leptospira and Brucella in Bihar. Characterization of Enteric Picornaviruses of pigs.

Publication Details

Desingu, P. A.; **Pradeep, K. Ray**; Patel, B. H. M.; Singh, R.; Singh, R. K. and Saikumar, G. (2016). Pathogenic and Genotypic Characterization of a Japanese Encephalitis Virus Isolate Associated with Reproductive Failure in an Indian Pig Herd. *PLOS ONE* **11(2)**: e0147611. doi:10.1371/journal.pone.0147611

P.K. Ray, P.A. Desingu, Menaka Sethi, V.K. Nagaleekar, R. Singh and G. Saikumar. (2016). Pathological investigation of an outbreak of pneumonic pasteurellosis in pigs. *Indian Journal of Veterinary Pathology*, **40(1)**: 58-62.

Monalisa Sahoo, R. Singh, K.P. Singh, A.K. Sharma, G. Saikumar, Luis Sylvester and **P.K. Ray** (2016). Prevalence and pathology of cysticercosis in slaughtered pigs of Rohilkhand region. *Indian Journal of Veterinary Pathology*, **40(1)**: 69-71

Anoopraj, R.; Rajkhowa, T.K.; Cherian, S.; Arya, R.S.; Tomar, N.; Gupta, A; **Pradeep K. Ray**; Somvanshi R. and Saikumar, G. (2015). Genetic characterization and phylogenetic analysis of PCV2 isolates from India: Indications for emergence of natural inter-genotypic recombinants. *Infection Genetics and Evolution*, **31**:25-32.

Sethi, Menaka.; Agarwal, S.; **Pradeep. K. Ray**; Anoopraj, R. and Saikumar, G. (2015). PCV-2 load in pre-weaned piglets affected with porcine circovirus2 associated disease. *Indian Journal of Animal Sciences*, **85(7)**: 701-704.

S. Jegaveera Pandian, **Pradeep Kumar Ray**, P. C. Chandran and Manoj Kumar (2015). Seroprevalence of Brucella abortus and Leptospira hardjo in cattle. *Veterinary World*, **8(2)**: 217-220.

Chandran P.C., Jegaveera Pandian S., **P.K. Ray**, A. Dey, S.K. Barari And D.K. Kaushal (2014)., Selective breeding of Black Bengal goats for improving productivity. *Indian Journal of Animal Sciences*, **84 (1)**: 78–81

S. Jegaveera Pandian, **P.K. Ray**, P.C. Chandran and M. Kumar (2012). Seroprevalence of Bovine Viral Diarrhoea (BVD) in Bihar. *Indian veterinary Journal*, **89 (7)**: 136.

S.J. Pandian, **P.K. Ray**, P.C. Chandran, M. Kumar (2012). Outbreak of Peste Des Petits Ruminants (PPR) in Black Bengal Goats in Bihar. *Indian Veterinary Journal*, **89 (7)**: 114.

Pradeep Kumar Ray, Narayanswamy, H.D., Satyanarayana, M.L. and B. Umakantha (2007). Aflatoxin B1 induced pathomorphological changes in chick embryos. *Indian Journal of Veterinary Pathology* **31(1)**: 29-31