

**Name: B.M.Chandranaik**

**Designation: Scientist-2**

**Section/division: CADDL**

**Contact:**

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**Educational Qualifications:**

**BVSc & AH., MVSc., Ph.D., (Veterinary Microbiology)**

**Employment Details:**

<b>Positions served</b>	<b>Tenure</b>
A. Research Associate at PD_ADMAS, Bangalore	October, 2002 to July, 2003
B. Scientist at IAH&VB	July, 2003 to date

**Research Interests:**

- Molecular Virology
- To investigate new infectious disease problems in field conditions

**Awards/ Fellowships/Recognition received:**

- 1. Jawaharlal Nehru award for the Best PhD research work in India**, by Indian Council of Agricultural Research (ICAR)
- 2. UAS University gold medals and KVAFSU university gold medal** for academic performances
- 3. Certificate of Appreciation** by Govt of Karnataka/IAH&VB in recognition of the contributions made for the **eradication of Rinderpest** in the state of Karnataka

4. Dr. M.N. Kulakarni memorial **Young Scientist Award** by IAVMI at its 25<sup>th</sup> international conference during 2011 for the research work “development of antigen detection kit for Bovine herpes virus-1”
5. **Technology development Convocation award** - 2009, for the research work “Development of cell culture based inactivated vaccine against Classical swine fever” by KVAFSU), Bidar
6. **Best poster presentation award** for the research work “Isolation of *buffalo pox* virus, its molecular and EM characterization” at the national symposium of ISVIB at Hisar
7. **Member of “WHO expert committee”** for diagnosis of Avian influenza in referral laboratories of India.
8. **Sir, F.M. Burnet memorial award (Gold medal)** for the research work “Isolation of *herpes virus* from bovine semen and its confirmation by FAT, PCR and electron microscopic studies”. By Indian Society for Veterinary immunology and biotechnology.

## Fellowships Held

1. Awarded ICAR junior research fellowship during MVSc programme (2001-2002)
2. Fellow award-2012, of Society of Biotechnology in recognition of the contributions made in the field of Animal Biotechnology

## Select Publications

1. Development of a Taqman probe based real time PCR for diagnosis of Bovine herpes virus-1 in semen and other clinical samples. (2013). **B.M. Chandranaik**, D.Rathnamma, S.S. Patil, et al., *Virus Disease*. 24 (1): 16-26
2. Comparative sequence analysis of B5R gene of zoonotic buffalo pox virus isolates with other Orthopox viruses. (2012). **B. M. Chandranaik**, R.K.Singh, M.Hosamani, G. Krishnappa, C. Renukprasad. *Tropical Animal Health and Production*.43:287-290
3. Development of cell culture based classical swine fever vaccine. (2011).**B.M.Chandranaik**, C.Renukprasad, S.S.Patil, P. Giridhar, K.Prabhudas. *Ind. Vet. Journal*. 88: 16-18.
4. Isolation of bovine herpes virus from semen and application of Real time PCR for diagnosis of IBR/IPV in clinical samples. (2010). **B.M.Chandranaik**, C.S. Chethana, C.Renukprasad. *Veterinary Archives*. 80(4): 467-475

5. B5R gene based sequence analysis of buffalo pox virus isolates in relation to other orthopox viruses.(2007). Singh R.K., Hosamani M., **Chandranaik B.M**, Krishnappa.G. *Acta Virologica*. 51:47-50
6. *Bacillus cereus* harboring pXO1 plasmid with *pag* gene causes anthrax like fatal septicemia in immunosuppressed Cattle. (2015). **B. M. Chandranaik**, et al.,. *Veterinary Archives*. **85(3)**: 345-355.
7. Serotyping of Foot and Mouth Disease virus and *Pasteurella multocida* from Indian gaurs (*Bos gaurus*), concurrently infected with Foot and Mouth Disease and Haemorrhagic septicaemia. (2015). **B. M. Chandranaik**, et al., *Tropical Animal Health and Production*. **47**:933-937
8. Studies on epidemiology of Bovine herpes virus-1 under different housing practices in cattle breeding stations. (2014). **B.M. Chandranaik**, D.Rathnamma, S.S. Patil, S. Isloor, C.Renukaprasad. *Indian Journal of Animal Sciences* 84(2):103-107
9. Cloning of partial gB gene of Bovine herpes virus-1 isolates and their Molecular epidemiology (2014). **B.M. Chandranaik**, D.Rathnamma, S.S. Patil, S. Isloor, C.Renukaprasad. *Indian Journal of Animal Sciences* 84(2):108-114