

KANNADA FORMAT

°É,ÀgÀÄ : qÁ.f»Ñú'Ð

«"sÁUÀ : ರೆಬೀಸ್ ಮತ್ತು ಕೆಎಫ್ ಡಿ ವಿಭಾಗ

¥ÀzÀÉÁÀÄ: ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು (ಓಪಿಜಿ)

«zÀâ°ÀðvÉ: ಬಿ.ವಿ.ಎಸ್ಸಿ, ಎಮ್.ವಿ.ಎಸ್ಸಿ., ಪಿ.ಹೆಚ್.ಡಿ.

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ªÀÈwÜAiÄÄ «ªÁgÁ:

¥À±ÀÄªÉÊzÀâQÃAiÄÄ ,ÀÆPÀëöäfÃªÁtÄ ±Á,ÀÛç

ಪಶುಪಾಲನಾ ಮತ್ತು ಪಶುವೈದ್ಯಸೇವಾ ಇಲಾಖೆಯಲ್ಲಿ ಪಶುವೈದ್ಯಾಧಿಕಾರಿಯಾಗಿ 5 ವರ್ಷಗಳ ಕಾಲ ಪಶು ಆರೋಗ್ಯ ಮತ್ತು ಜೈವಿಕ ಸಂಸ್ಥೆ, ಹೆಬ್ಬಾಳ, ಬೆಂಗಳೂರು ಇಲ್ಲಿ ಲಸಿಕೆ ತಯಾರಿಕೆ ವಿಭಾಗದಲ್ಲಿ ಕೆಲಸ ಮಾಡುತ್ತಿದ್ದೇನೆ.

¥Àæ±À'ÜUÀ¼ÄÄ:

- ISVIB ನ ಅತ್ಯುತ್ತಮ ಮಹಿಳೆ ವಿಜ್ಞಾನಿ ಪ್ರಶಸ್ತಿ -2010
- ಪಶುವೈದ್ಯಕೀಯ ಸೂಕ್ಷ್ಮಣುಜೀವಶಾಸ್ತ್ರ ವಿಭಾಗದಲ್ಲಿ ಪಿಎಚ್.ಡಿ. ಪದವಿಗಾಗಿ ಕ.ಪ.ಪ.ಮಿ.ವಿ. ವಿಶ್ವವಿದ್ಯಾಲಯದಿಂದ ಚಿನ್ನದ ಪದಕ

¥ÀæPÀluÉUÀ¼ÄÄ:

ಸಂಶೋಧನಾ ಪ್ರಕಟಣೆಗಳು -15

ENGLISH FORMAT

Name: **Apsana, R**

PP size photo:

Department: **Biological Production**

Section: **Rabies and KFD section**

Designation and address: **Assistant Professor (OPG)**
Rabies and KFD section
Biological Production
IAH &VB, Hebbal, Bengaluru



Qualifications: **BVSc, MVSc, PhD in Veterinary Microbiology**

Contact: **09036236236**, E mail: **drapsana@gmail.com**

Field (s) of specialization: **Veterinary Microbiology**

Current projects: Nil

Completed Projects: Nil

Recent research publications:

1. **Apsana R**, Isloor S, Shaila MS (2015). Immunization of sheep with DNA coding for the variable region of anti-idiotypic antibody generates humoral and cell mediated immune responses specific for peste des petits ruminants virus. *Vet. Res Commun.*, 39(3):197-202.
2. **Apsana R**, Balamurugan V, Veeregowda B.M., Abraham S, Raju D.S.N., Rathnamma D, Byregowda S.M., Rahman H and Shaila M.S. (2016). Expression and characterization of immunodominant region of fusion protein of peste des petits ruminants virus in *E. coli*. *Small Ruminant Research.*, 144:75–82.
3. G.B. Manjunathareddy, K. Sumana, **Apsana R.**, Yogisharadhya R., A. Prajapati, S.S. Patil and V. Balamuragan (2017). Investigation of malignant form of sheep pox outbreak in fattening lambs in Mandya, Karnataka. *Indian J. Vet. Pathol.*, 41(3) : 184-188.
4. K. Sumana, Yogisharadhya Revanaiah, Sathish Bhadravati Shivachandra, Dipti Mothay, **R. Apsana**, M. Saminathan, S. Basavaraj, G.B. Manjunatha Reddy (2020). Molecular phylogeny of Capripoxviruses based on major immunodominant protein (P32) reveals

circulation of host specific sheeppox and goatpox viruses in small ruminants of India. *Infection, Genetics and Evolution.*, 85 104472.

5. Lavanya K, Puttalakshamma G C, Mohan H V, **Apsana Rizvan**, Yogisharadhya R, Sathish B Shivachandra , Manjunatha Reddy G B (2021). Evaluation of recombinant BgSA3 protein based indirect-ELISA for sero-diagnosis and sero-surveillance of Babesia gibsoni in dogs. *Vet Parasitol.*, 289:109338.
6. Amitha Reena Gomes, **Apsana R.**, Savitha J.V., Sobharani M, S.M. Byregowda, Lohith T.S., M.D. Venkatesha, Nandini Prabhakar and Xiangliang Lin (2021). Propagation of Peste des petits ruminants (PPR) Virus in Vero Cells for Vaccine Production using Tide Motion Bioreactor. *Journal of Animal Research*, 11(3) 513-516.

Honors and awards: Recipient of ISVIB Woman Scientist award in the year 2010

Recipient of University Gold medal for PhD in 2014

Recipient of National Post Doctoral Fellow (N-PDF) in 2017 from Department of Science and Technology (DST), SERB

Other achievements:

- Development of anti-idiotypic antibody vaccine to PPR.
- Development of recombinant antigen based ELISA for PPR and Sheep pox.
- Involved with the production of vaccines like PPR, Sheep pox, Goat pox, Rabies and KFD vaccine.