

# KVAFSU Updates

## 4<sup>th</sup> South Asia Rabies Laboratory Network (SA-RABNET) Meeting

29 October 2025, 3 PM Japan time (Zoom)

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**Dr. Krithiga, N.**

**KVAFSU-CVA Rabies Diagnostic Lab., WOA Reference Laboratory for Rabies,  
Dept. of Vety. Microbiology, Veterinary College, KVAFSU, Hebbal, Bengaluru**

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# Follow up actions from 3rd SA-RABNET

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**On follow-up from 3rd SA-RABNET,**

- 1. Developed SOPs for sample submission and shared with members**
- 2. Providing hands-on training to SAARC member countries & support transfer of technology and capacity building**
- 3. Initiated support for proficiency testing schemes after accreditation as PT provider**

# KVAFSU-CVA RDL: Research activities

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- ❖ Dr. Kusuma, S. N., Research title: “Estimation of Anti-Rabies vaccinal Antibodies in Dogs using **Pseudotyped Rabies Virus**” in collaboration with **Institute of Advanced Virology, Trivandrum, Kerala.**
- ❖ Dr. Dhanapal Muttinavar, Research title: “**Screening and Characterization of Novel and Repurposed Molecules** against Clinical isolates of Rabies” in collaboration with Foundation for Neglected Disease Research, Doddaballapura.

# KVAFSU-CVA RDL: Diagnostic activities

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## Samples tested by DFA, PCR and RFFIT

### DFA

- Samples received (**Feb 2025 to 15.07.2025**)– 254, **Positive: 155(61%)**
- Total No. of Samples tested (**From 2013 to July 2025**):**3213 Positive: 2068 (64%)**  
3413 samples including saliva

### RFFIT

Samples tested from **Feb–July 2025: 380**, Protected: 258 (67 %) (**Av.60 samples / month**)  
From : CUPA – 287; Maharashtra – 261; Ludhiana student's research – 50  
Anil K Sharma – 30

- Total No. of samples screened (From 2015 to July 2025): 3040,
  - Animals with protective titres – 2822(93%)
- Average monthly receipt of samples – **for diagnosis: 38-40**  
**for RFFIT: 23-25**

# KVAFSU-CVA RDL: On going cum New Projects

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- The project titled **"Development of indigenous recombinant adenovirus vector-based oral rabies vaccine intended for free-roaming dogs (SN ID-16)"** has been sanctioned and funded by under ICMR-MoHFW, NOHM funded project with a total budget of Rs.2,89,03,452/- for 3 years



- National One Health Programme for Prevention and Control of Zoonotic Diseases (**NOHPPCZ**) funded by NCDC, Govt.of India, an amount of Rs.21,79,346/- is released.



# Conferences Attended

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## APCRICON 2025

Dr. Isloor was invited as a guest speaker & presented on “**Oral Rabies Vaccines for inaccessible Free-Roaming / community Dogs – A Critical Need for India’s Rabies Elimination Goal**” at The Silver Jubilee National Conference of the Association for Prevention and Control of Rabies in India (**APCRICON 2025**), organized by the Department of Community Medicine, Chettinad Hospital and Research Institute, Chettinad Academy of Research and Education, Chennai on 12<sup>th</sup> & 13<sup>th</sup> July 2025.



# Training on Proficiency Testing

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Dr. Sharada, R and Mr. Dilip attended Training program on “**Introduction to Inter-Laboratory Comparison, Proficiency Testing and Evaluation of Scores**” from 25<sup>th</sup> to 26<sup>th</sup> June, 2025 at National Institute of Training for standardization (NITS) Bureau of Indian Standards (BIS), Noida, Sector-62.



# **Rabies Awareness & vaccinations**

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**Dr. Isloor delivered a talk on “**Rabies control takes a team**” at the Institution of Veterinarians of Poultry Industry (IVPI) on the occasion of World Veterinary Day-2025 at Century Club, Cubbon Park, Bengaluru on 26<sup>th</sup> April, 2025.**

**Twenty free roaming dogs were vaccinated in the **Mass Dog Vaccination** in the college campus in association with Animal feeders, BBMP, Mission Rabies and VSWRD on 8<sup>th</sup> May 2025.**

**Dr. Isloor involved in **Rabies Awareness Programme** for localities at Nirman layout, Koppa gate, Hulimangala village, Anekal on 10<sup>th</sup> May 2025. This activity was done in association with the Dept. of AH&VS, Bengaluru Urban district and local NGO.**



# Visit to Antirabies camp

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Dr. Isloor and Mr. Dilip visited the **NSS camp (Antirabies camp)** at Jalige village on 29<sup>th</sup> May 2025, learnt that there were free roaming dog bite episodes for at least two human beings including a child. **Tracing dog carcass, collected dog brain there itself (local vet also trained for sampling on the spot)** and tested for rabies in RDL and found positive. Suitable strategies viz., PEP for human bite victims and MDV for free roaming dogs in the village were suggested.

# KVAFSU-CVA RDL: Stalls

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Installed KVAFSU-CVA RDL stall during XXII **NAVS Convocation** Cum National Scientific Convention during 8<sup>th</sup> to 9<sup>th</sup> March 2025 at KVC, Veterinary College Campus, KVAFSU, Hebbal, Bengaluru. **Demonstration of dRIT** was organized and also **Rabies Awareness** Programme for the delegates.

Installed KVAFSU-CVA RDL stall during **Mysore Dasara** Rabies awareness Programme -26th September 2025



# Rabies: Television Talks

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Dr. Isloor gave a Short video based statement to Doordarshan Chandana about transmission of rabies through consumption of rabid cattle milk on 25th March 2025.

Dr. Isloor participated in the Health Programme at Doordarshan Chandana on the topic “**Rabies; Precautions needed!!**” on 13<sup>th</sup> July, 2025.



# KVAFSU-CVA RDL: Visitors

Dr. Isloor delivered a talk on “Activities of RDL” to 13 students from **Kansas State University** College of Veterinary Medicine, USA who visited RDL at Veterinary College, KVAFSU, Hebbal, Bengaluru on **25<sup>th</sup>May 2025**.

Sl No	Name	Date	Designation/Institution
01.	Dr. S.K Gupta	11/03/2025	Former Dean, COVS,LUVAS
02.	Dr. N.H Kelawala	11/03/2025	Hon'ble Vice Chancellor, Kamadhenu University
03.	Dr. Mohammed Eltholth	17/04/2025	Royal Holloway University of London
04.	Professor Rajesh Kumar	25/04/2025	NIHFW
05.	Dr. Savitha	25/04/2025	NIHFW
06.	Dr. Srinivasan	25/04/2025	NIHFW
07.	Prof Walter Berberg	20/05/2025	Kansas State University College of Veterinary Medicine
08.	Dr. Raghavendra Amchawadi	20/05/2025	Kansas State University College of Veterinary Medicine
09.	Mr. Abhishek Narayan	11/06/2025	HCL Foundation, Noida



**Openday for school students during Veterinary college foundation Day**



# Publications

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Dutta, J. B., Ashwini, M. A., Barman, D., Das, P., Tamuli, R., Dhanya, K., Varun, C. N., Chandel, S., Soundarya, P., Isloor, S., & Mani, R. S. (2025). **Integrating one health strategies for rabies control: Insights from Jackal-mediated human rabies in Northeast India.** Comparative immunology, microbiology and infectious diseases, 116, 102287.

Thangaraj, J. W. V., Krishna, N. S., Devika, S., Egambaram, S., Dhanapal, S. R., Khan, S. A., Srivastava, A. K., Mishra, A., Shrinivasa, B., Gour, D., Madhukar, M., Verma, N., Sharma, P., Soni, R. K., Ramasamy, S., Mohandas, S., Baidya, S., Rehman, T., Yeldandi, V. V., Singh, A., ... Human Rabies Study Collaborators (2025). **Estimates of the burden of human rabies deaths and animal bites in India, 2022-23:** a community-based cross-sectional survey and probability decision-tree modelling study. The Lancet. Infectious diseases, 25(1), 126–134.

Harisha, K. R., Kailaje, V., Kondreddi, R. R., Gudla, C. S., Singh, S., Ramakrishnaiah, S., Isloor, S., Narayanan, S., Shandil, R. K., & Rudramurthy, G. R. (2025). **Homoharringtonine Inhibits CVS-11 and Clinical Isolates of Rabies Virus In Vitro:** Identified via High-Throughput Screening of an FDA-Approved Drug Library. Viruses, 17(7), 945.



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**Abstract** published in the Silver Jubilee National Conference of the Association for Prevention and Control of Rabies in India (**APCRICON 2025**), organized by the Department of Community Medicine, Chettinad Hospital and Research Institute, Chettinad Academy of Research and Education, Chennai on 12<sup>th</sup> & 13<sup>th</sup> July 2025. **“Oral Rabies Vaccines for inaccessible Free-Roaming / community Dogs A Critical Need for India's Rabies Elimination Goal”**

Krithiga, N'. , Sharada, R. , Balamurugan, V., Thirumala, M., Nagendra Hegde and Shrikrishna Isloor\*

# World Rabies Day



**World Rabies Day Programme at Koppal-26th September 2025**



**Mysore Dasara Rabies awareness Programme -26th September 2025**



**World Rabies Day Programme at Koppal-28<sup>th</sup> September 2025**



**Rabies Awareness Programme at Cubbon Park, Bengaluru on 28<sup>th</sup> September 2025**





# World Rabies Day



**ACT NOW: YOU, ME  
COMMUNITY**



## World Rabies Day Programme at Dharwad- 29<sup>th</sup> September 2025



## World Rabies Day Free - AntiRabies Vaccination camp at Hassan Veterinary College -29<sup>th</sup> September 2025



## World Rabies Day Programme at Dr B R Ambedkar School of Economics University- 29<sup>th</sup> September 2025



## World Rabies Day –Free Anti Rabies Vaccination Programme at Bidar -30<sup>th</sup> September 2025



# World Rabies Day



**ACT NOW: YOU, ME  
COMMUNITY**



## World Rabies Day Programme at BGS Medical College, Nelamangala-3<sup>rd</sup> October 2025



## Talk on Wild Animal Restraint Methods & Wild Life Forensics -13<sup>th</sup> october 2025



## World Rabies Day at Davanagere on 13<sup>th</sup> October 2025



## World Rabies Day at Bangalore Veterinary college on 28<sup>th</sup> October 2025

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# THANK YOU



**Lets work together to control – eliminate dog mediated rabies in South Asia**