





How can SAARC countries benefit from the proposed OIE Reference Laboratory for Rabies in India ?

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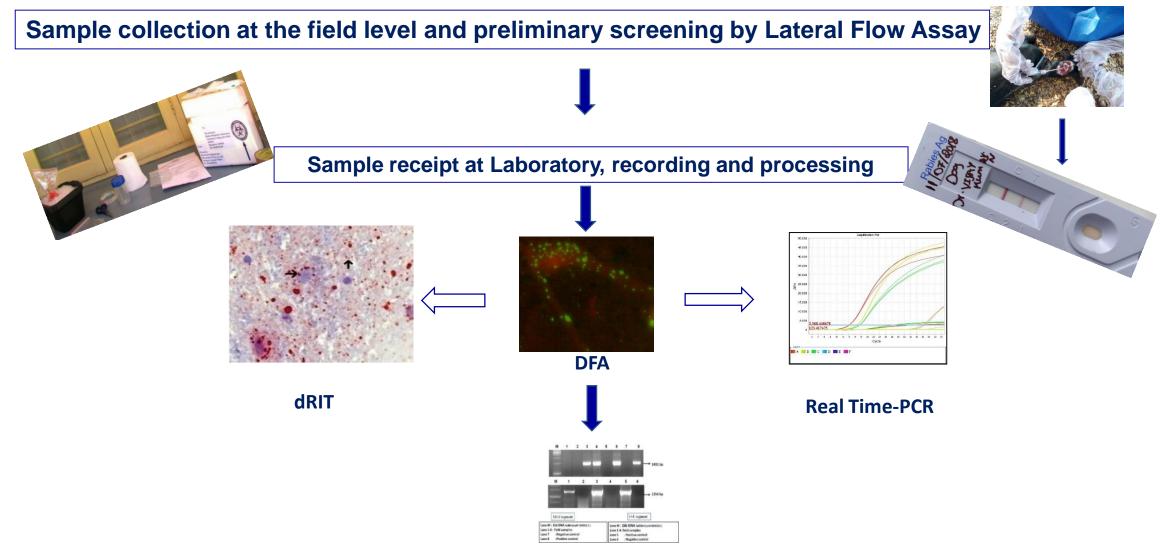
Dr. Ryan Wallace CDC, Atlanta, US

Dr. Anthony R. Fooks APHA, Weybridge, UK

Mandates of Laboratory

Diagnosis	Seromonitoring Post Graduate & Extra mural funded Research		Human Resource Development	
 LFA DFA dRIT PCR ✓ Conventional ✓ Real time 	 RFFIT ✓ Pet travel ✓ Vaccination programme 	 Phlyogenetic analysis G gene N gene G-L intergenic region LAMP Recombinant G protein ELISA 	 Trainings / workshops KVAFSU-CVA Laboratory On-site / Regional 	

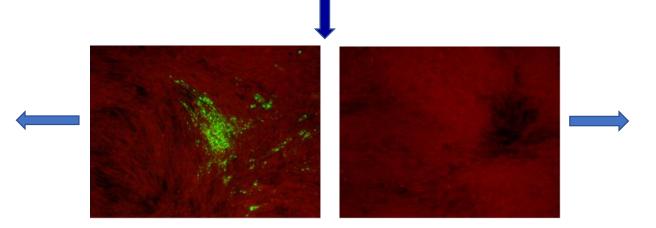
Diagnosis of rabies



Seromonitoring of anti rabies vaccinal antibodies

Receipt of serum samples at Laboratory, recording and processing





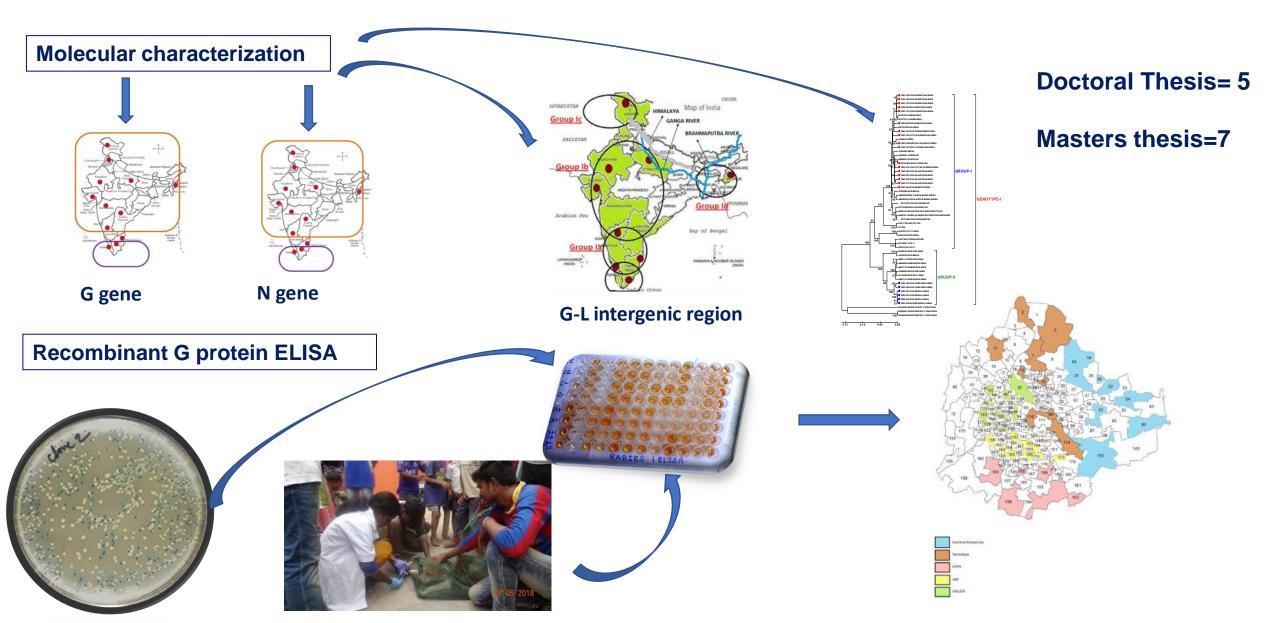


Pet travel

Mass dog vaccination



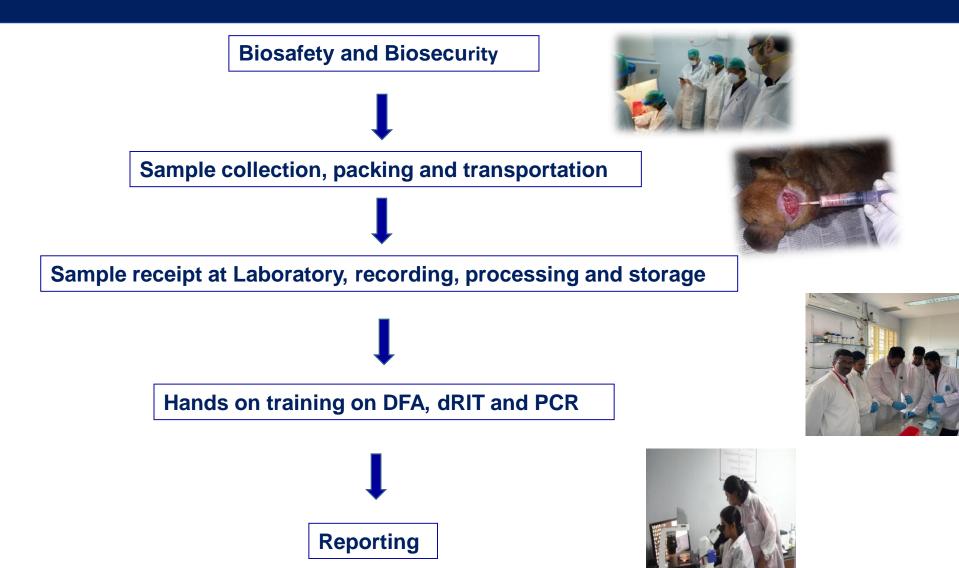
Post Graduate & Extra mural funded Research



Human Resource Development







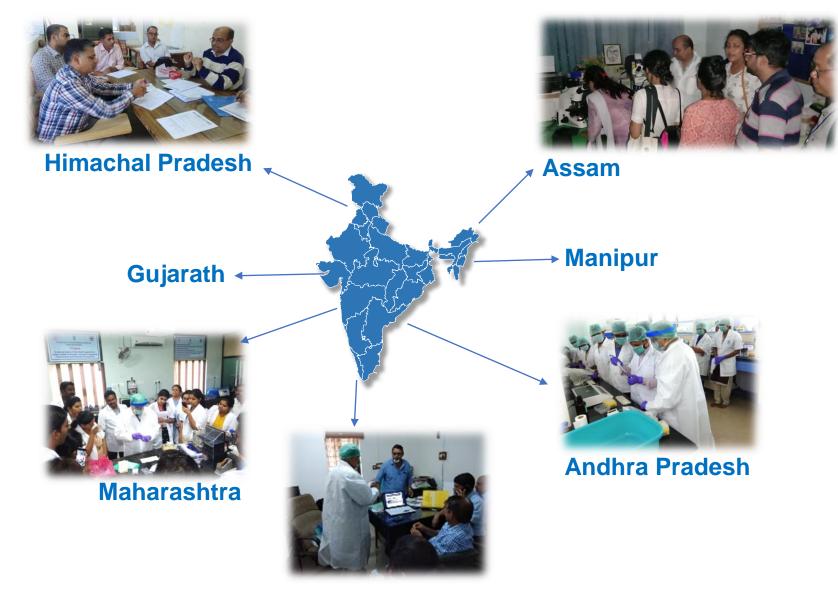


Training conducted at Laboratory from Jan, 2013 - March, 2020

SI. No.	Title of the training	Date and Duration	No. of participants	State represented
1	dRIT training programme	30-01-2013 and 31-01-2013	36	Karnataka, Maharashtra, A.P ,T.N., Kerala, M.P, Punjab, Gujarat, Rajasthan, Uttaranchal Haryana, Assam
2	Diagnosis for rabies in animals	09-07-13 and 10-07-2013	7	Jharkhand , Kerala
3	Diagnosis for rabies in animals	22-02-2014	11	Karnataka, Jharkhand ,Kerala M.P
4	One day workshop on rabies diagnosis in animals	09-02-2015	15	Karnataka ,Meghalaya ,U.P M.P
5	DFA training for trainees of XIX National Training Programme (CAFT)	27-11-2015	20	Karnataka ,Rajasthan, M.P , Bihar,T.N,Pondicherry, Goa , Telangana, Odisha, A.P, U.P ,Maharashtra ,
6	Advanced techniques for diagnosis of infectious and systemic disease in cattle, sheep, goat and dog	18-01-2016 to 22-01-2016	18	Karnataka
7	OIE twinning workshop 2016	05-07-2016 to 08-07-2016	12	Karnataka

8	OIE twinning workshop on rabies diagnosis and Quality management Proficiency test	21-02-2017 to 24- 02-2017	12	Karnataka ,Manipur ,Gujarat ,Kerala United Kingdom
9	Fourth workshop on rabies diagnosis and quality management proficiency test	16-01-2018	11	Karnataka ,Kerala,H.P, M.P. , Maharashtra ,A.P ,Assam
10	Continued Veterinary Education programme on sample collection, transportation and diagnosis of rabies in animals (1 st batch)	26-04-2018	28	Karnataka
11	Continued Veterinary Education programme on sample collection, transportation and diagnosis of rabies in animals (2 nd batch)	03-05-2018	28	Karnataka
12	Continued Veterinary Education programme on sample collection, transportation and diagnosis of rabies in animals (3 rd batch)	10-05-2018	29	Karnataka
13	Continued Veterinary Education programme on sample collection, transportation and diagnosis of rabies in animals (4 th batch)	17-05-2018	39	Karnataka
14	Workshop on rabies diagnosis	24-02-2020 to 25- 02-2020	18	Karnataka ,Maharashtra ,HP Delhi, West Bengal, Orrisa Gujurath, MP, Telangana Kerala, Jammu,Haryana

Regional level workshops on Rabies diagnosis in India

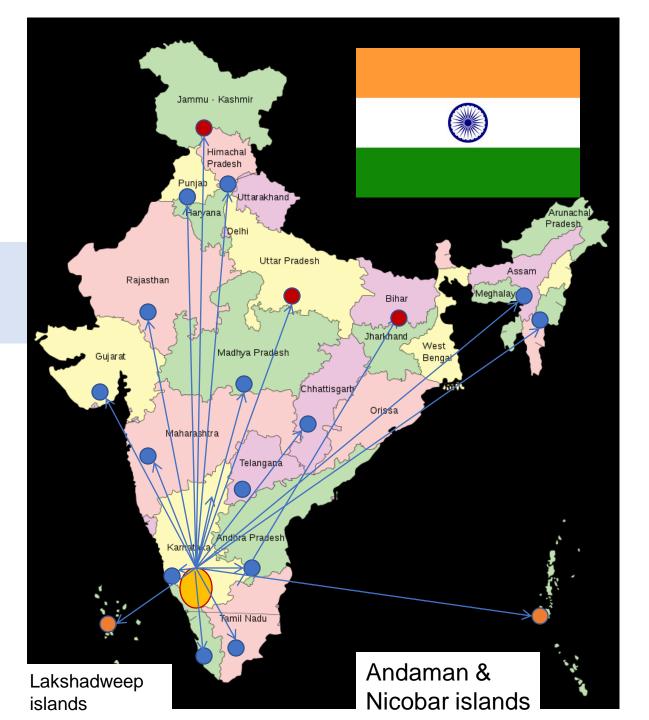


Lakshadweep

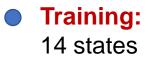
Regional level workshops in India

SI. No.	Place	Date	Title	No. of participants
1	College of Vety. Science, Anand, Gujarat	28 Sept. 2020	Brain sample collection for Rabies diagnosis and Biosafety measures.	24
2	IGMC, Shimla, Himachal Pradesh	4 Sept., 2017	Brain sample collection and diagnosis of rabies in dogs	12
3	Veterinary college, Nagpur, Maharashtra	25 -29 Mar. 2019	Animal Rabies diagnosis	24
4	Veterinary college, Khanapara, Assam	5-6 Aug. 2019	OIE-compliant Diagnosis of Rabies in animals	41
5	Veterinary college, Tirupati, Andhra Pradesh	9-11 Oct. 2019	Laboratory diagnosis of Rabies in Animals	28
6.	Dept. of AHVS, Kavaratti, Lakshadweep	14-17 June 2017	Brain sample collection and diagnosis of rabies in dogs	14

Network (animal rabies diagnosis in India)



Outcome:



Samples: 17 states & 2 UTs.

Laboratory Services to SAARC countries

- Provide consultancy services
 - Test and disease consultancy
 - > Disease surveillance on rabies and non-rabies lyssa viruses
 - Control strategies
 - Diagnostics
- Improving surveillance of rabies in animals
 - > To ensure systematic surveillance accurate reporting of cases
 - Dog vaccination

> Training in all Quality assurance systems

Health & safety procedures

Biosafety and biosecurity awareness & practice

Knowledge transfer and training

Sample collection, Submission & Processing Antigen detection methods, Molecular diagnostic methods, Antibody detection methods, Proficiency testing, Inter laboratory comparisons, Developing quality standards

SAARC Regional capacity building - "Hands on Training on Rabies Diagnosis in animals" was scheduled during 1st to 5th June 2020 – Postponed

Thank you all

