



Introduction of Rabies Laboratory Network for South Asia – A concept

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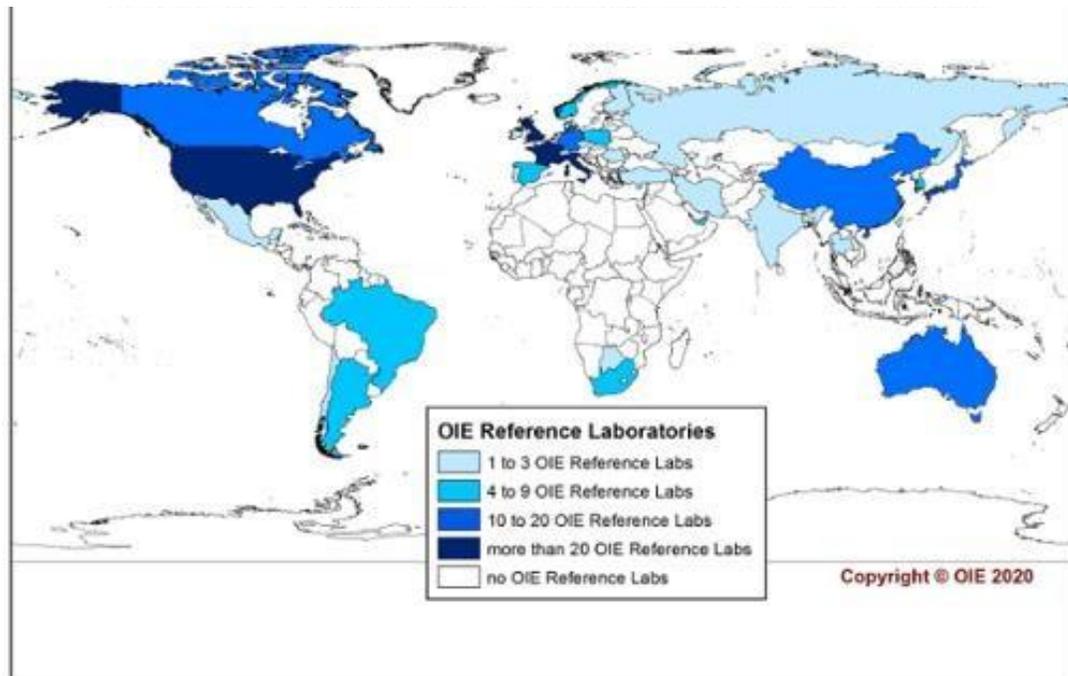


World Organization for Animal Health (WOAH) (Founded as OIE) Ref Labs

Central core of the WOAH's scientific excellence:

Designated to pursue all scientific & Technical problems relating to a disease

World Distribution of WOAH Reference Laboratories

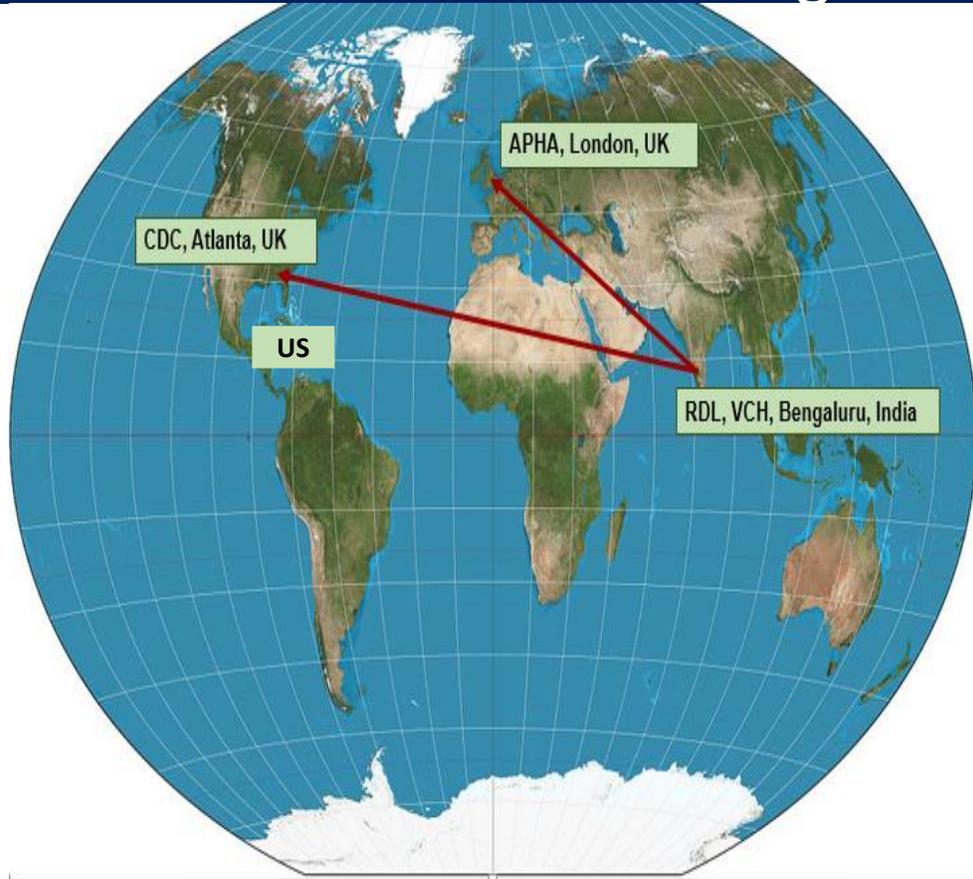


WOAH Reference Laboratories for Rabies in the World (12) – India , the latest (16th June 2020)



Network of Rabies Diagnostic Labs in India under OIE Twinning Programme

Strengthened diagnosis of rabies in India



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ಕವಿವಿಫ್‌ವಿಸ್‌ಯು - ಸಿವಿವಿ ರೇಬೀಸ್ ರೋಗನಿರ್ಣಯ ಪ್ರಯೋಗಾಲಯ
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ಸೂಕ್ತ ಜೀವಾಣು ಶಾಸ್ತ್ರ ವಿಭಾಗ,
ಪಶುವೈದ್ಯಕೀಯ ಮಹಾವಿದ್ಯಾಲಯ, ಕಪಪವಿವಿವಿ, ಹೆಬ್ಬಾಳ, ಬೆಂಗಳೂರು-560024



WOAH Bulletin

The OIE launches laboratory networks for African swine fever, peste des petits ruminants and rabies

The OIE currently has Reference Laboratory networks for foot and mouth disease (FMD), animal influenza, and non-tsetse transmitted animal trypanosomoses, each operating according to the Guidance for the Management of OIE Reference Laboratory Networks. The aim for the OIE in establishing laboratory networks for animal diseases is to expand access to expertise beyond the OIE Reference Laboratories themselves by involving national laboratories, research institutions and universities so that the network could contribute to global initiatives for the prevention and control of animal diseases worldwide.

The OIE, with the support of the Biological Standards Commission (BSC), identified the need to strengthen the laboratory capacity of Members to fight three priority diseases the control of which are under Global Programmes, namely African swine fever (ASF), peste des petits ruminants (PPR) and rabies. The BSC invited experts among the OIE Reference Laboratories to lead the networks¹. The leaders were asked to draft the goals and objectives for each network in agreement with the remaining Reference Laboratories for each disease and to include them in the network initiatives.



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OIE launches new laboratory network for rabies

Monday, January 18, 2021

Rabies is among three priority Global Programmes diseases for which the OIE, with the support of the Biological Standards Commission (BSC), in 2020 identified the need to strengthen the laboratory capacity of Members. The Network called RABLAB comprises all OIE Reference Laboratories for Rabies

The BSC invited experts invited the Centers for Disease Control and Prevention (CDC), USA, and the Friedrich-Loeffler-Institut (FLI), Germany), to lead the network. As soon as the Covid-19 pandemic permits RABLAB will start operating.

Read more here: <https://oiebulletin.com/wp-content/uploads/2020/11/OIE-News-November-2020-OIE-laboratory-networks-on-ASF-PPR-rabies.pdf>



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OIE RABLAB network started its work

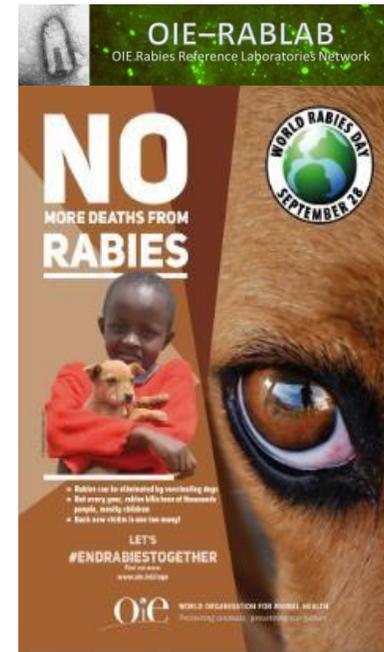
Friday, May 7, 2021

With inaugural meeting held on 06th May 2021 the OIE reference laboratory network for rabies (RABLAB) officially started its work. Membership extends to all 12 OIE-Reference Laboratories for Rabies from across the world that form the core group with a vision to continuously broadening the network in the future. The network will meet on a regular basis and discuss appropriate solutions regarding effective capacity building, proficiency testing, vaccination strategy implementation in particular African and Asian countries. A website will be available soon where the vision, goals and objectives of the network are described in more detail.

Read more: https://uarforum.co.uk/wp-content/uploads/2021/01/UnitedAgainstRabies-OneHealthInAction_Dec2020-.pdf

Proof of concept for the WOA - RABLAB initiated by the WOA reference labs - Experience.

- Sharing technical assistance, expertise
- Increasing number of other key responsibilities
 - Training and outreach,
 - Communications
 - Laboratory-based surveillance
 - Laboratory data management
- Filling diagnostic gaps
- Harmonizing rabies Lab techniques
- Identifying research needs
- Exchanging biologicals
- Improving capacity of national labs in support of global rabies elimination efforts



Other operating Networks of WOAH Reference Labs.



Welcome to the website for the OIE/FAO Reference Laboratory Network for Foot-and-Mouth Disease.

The OIE and FAO have designated reference laboratories with scientific and technical expertise within the areas of animal health, public health and zootechnics to help prevent, control and eradicate major animal diseases.

[More about us >](#)



The African swine fever (ASF) network



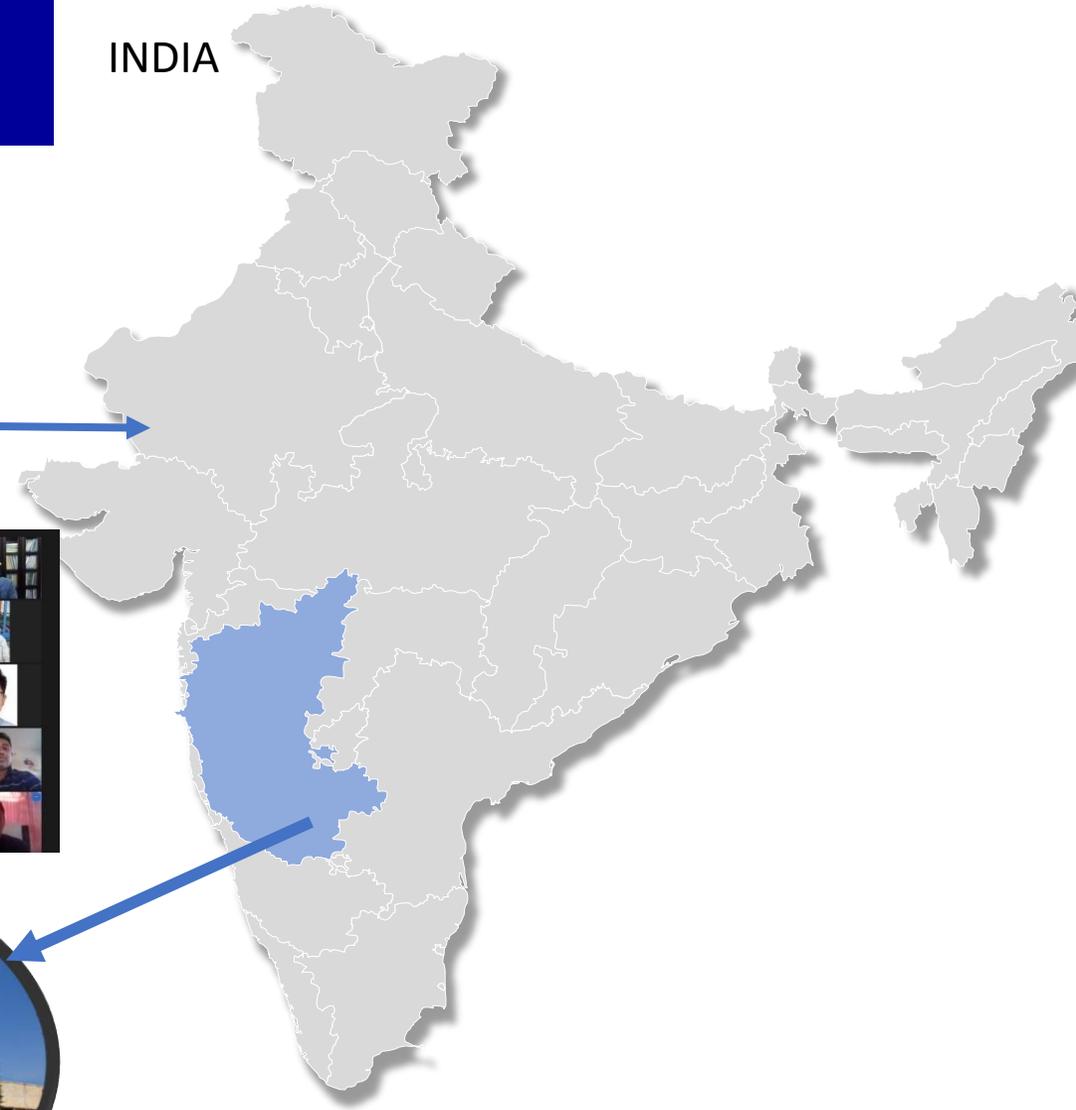
South Asia Rabies Laboratory Network – A vision

“Building a well-organized Rabies laboratory network forms the basis for the successful surveillance of rabies and it’s control in South Asia”.



We are already connected through :

OIE VT Series for SAARC on - Rabies Diagnosis (5-6 November 2020)
- Rabies Serology (11-13 October 2021)



INDIA



Veterinary College, Bangalore, India

Benefits to South Asia from Rabies Laboratory Network

- **Provide laboratory referral services**

- Test and disease consultancy
- Disease surveillance on rabies and non-rabies lyssa viruses
- Control strategies
- Diagnostics

- **Improving surveillance of rabies in animals**

- Ensuring systematic surveillance – accurate reporting of cases
- Dog vaccination
- Sharing of information on rabies control activities and the possibilities of joint surveillance and control activities.

➤ **Training in all Quality assurance systems**

Health & safety procedures

Biosafety and biosecurity awareness & practice

➤ **Knowledge transfer and training**

Sample collection, Submission & Processing

Antigen / Antibody detection methods,

Molecular diagnostic methods,

Proficiency testing,

Inter laboratory comparisons,

Developing quality standards / reference materials and sharing

Foster innovations

Improved credibility and visibility of labs

Finally, accelerates progress towards “Elimination of Dog mediated human rabies in South Asia”



Workshop on Enhancing Progress Towards Rabies Elimination 'Zero by 30' in the SAARC Region, 26-28 June 2019, Kathmandu, Nepal
- A good beginning !



Lets reach our goal “ Dog mediated rabies elimination by 2030” in South Asia

* Strengthening dog rabies Diagnosis , surveillance

* Mass immunization of dogs