



## SEACFMD Laboratory Network Meeting

Lanzhou, China 26-28 September 2017

### Recommendations\*

1. NOTE the poor quality (and quantity) of samples submitted to the national laboratories and the subsequent slow submission rate to reference laboratories restrain our knowledge of the FMDV molecular epidemiology; ENCOURAGE members to explore alternative sampling approaches, in collaboration with OIE reference laboratories and/or other research partners, to improve outbreak samples collection and submission, such as development of simple brochures and training on proper sample collection, packing and transport to laboratories.
2. NOTE the limitations of FMDV antigen ELISA (availability and quality of reagents, sensitivity, specificity, etc), and AGREE to consider using more sensitive detection methods such as real-time RT-PCR to complement the antigen ELISA; OIE-RRL explore the possibilities of working with partners to develop serotyping real-time RT-PCR for the region
3. NOTE the limitations of liquid-phase ELISA for measuring antibodies against FMDV (non-availability of suitable reagents, variable stability of reagents, etc), and AGREE to explore other methods such as solid-phase competition ELISA (SPCE).
4. AGREE to explore possibilities to synergize resources from various diagnostic units (e.g. HPAI) for improved capacity of FMDV diagnosis, in member countries.
5. NOTE the recent detection of multiple incursions of exotic FMDVs in the region and the potential threat posed by A/ASIA/G-VII from South Asia. ENCOURAGE members to strengthen the laboratory capacity for early detection and to share/report information timely.
6. OIE, in collaboration with relevant regional and global partners, continue to commit appropriate resources and organize training programs to improve member's laboratory diagnostic capacities.
7. NOTE the achievements and limitations of the current proficiency testing (PT) programs in SEA, and AGREE to better clarify the objectives of each PT program and to optimize the PT schemes to better verify the accuracy and reliability of test results.

8. NOTE the updated SEACFMD research priorities for 2016-2020 and agree to implement laboratory-related research activities (may collaborate with international partners where possible).
9. NOTE the importance of Post-Vaccination Monitoring (PVM) in countries where FMD vaccination is implemented, and ENCOURAGE members to monitor herd immunity by conducting routine PVM in accordance with the FAO/OIE Guidelines throughout the vaccination campaigns.
10. THANK China Lanzhou Veterinary Research Institute for hosting the 2017 SEACFMD Laboratory Network Meeting.

---

(\*) an Action Plan will be developed with timelines based on these recommendations.