

OIE Collaborating Centres Reports Activities

Activities in 2021

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Title of collaborating centre:	Quality Management Systems
Address of Collaborating Centre:	PO Box 52150 Mohammed Bin Zayed City Capital Mall Abu Dhabi UNITED ARAB EMIRATES
Tel.:	+971-2 818.14.10
Fax:	
E-mail address:	salama.almuhairi@adafsa.gov.ae
Website:	
Name of Director of Institute (Responsible Official):	H.E Saeed AlBahri Alameri
Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):	Dr. Salama Almuhairi
Name of writer:	Dr. Salama Almuhairi

ToR: To provide services to the OIE, in particular within the region, in the designated specialty, in support of the implementation of OIE policies and, where required, seek for collaboration with OIE Reference Laboratories

ToR: To identify and maintain existing expertise, in particular within its region

1. Activities as a centre of research, expertise, standardisation and dissemination of techniques within the remit of the mandate given by the OIE

Other (Name the category)	
Title of activity	Scope
Inter- laboratory comparison programs	<p>To enhance quality assurance of veterinary laboratory diagnostic tests in the region, VLD took the initiation and the lead to organize inter-laboratory proficiency schemes at the national and regional levels on a variety of diagnostic tests; including but not limited to Pox virus in Camelids by Real-time PCR, Brucella RBT and ELISA tests, Trypanosoma PCR and microscopy. 7-13 laboratories participate during the cycles including laboratories from UAE, Saudi Arabia, Kuwait and Bahrain. VLD continues to conduct inter-laboratory comparison on a regular basis to all interested laboratories. The number of participated laboratories reached 10 laboratories in 2021 including government and private sectors.</p> <p>VLD lab is preparing interlaboratory comparison plan for 2022 where it will be circulated to labs within the region for their participation.</p>
OIE SRR Abu Dhabi & VLD-ADAFSA webinar on Camel Brucellosis and Trypanosomiasis, Abu Dhabi 9th - 10th November 2021	<p>VLD in collaboration with OIE SRR conducted a sub-regional survey aiming at understanding the current challenges of the countries in Brucellosis and Trypanosomiasis including laboratory diagnostic tests and validation challenges. All sub-regional countries participated in the survey. The outcome of this survey was presented in webinar and used as an input to select the topics of the webinar. In the webinar, VLD presented two topics including a topic related to Quality Management Systems titled "Diagnostic Approaches Towards Camel Trypanosomiasis, comparative evaluation, validation and analysis of different diagnostic techniques".</p>
Abu Dhabi Agriculture & Food Security Conference, 23-24 Nov 2021 Abu Dhabi United Arab Emirates	<p>VLD participated by an oral presentation entitled ` One Health contributions toward effective responses to Coronavirus infections, ADAFSA experience. This shed the light on VLD experiences and how the laboratory ensured Quality and sustainability during emergency.</p>

<p>Workshops on Quality Management Systems</p>	<p>VLD conducted 4 training workshops for UAE laboratories (Government and private sector laboratories):</p> <p>1-ISO 17025;2017 for Veterinary Laboratories.</p> <p>2-Writing Standard Operating Procedures.</p> <p>3-Method Development.</p> <p>4-The general requirement for the competence of testing in veterinary laboratories</p>
<p>Developing Histopathology Slides Set for teaching purpose and competence development</p>	<p>As part of contribution to the knowledge sharing and developing human competencies with national partners, a Histopathology Slide Set for teaching purposes of Veterinary Pathology was prepared by VLD during the year 2021.</p> <p>The samples for this Slide Set were collected from the routine necropsy cases that were conducted by VLD pathologists, and around 40 slides were processed and prepared.</p> <p>The Slide Set aims to raise the technical competencies of veterinary students, and researchers in the field of veterinary pathology which, in turn, enhances the understanding of the nature and development of infectious animal diseases, pathological and clinical changes, and how proper laboratory samples are prepared for the purpose of diagnosis and treatment.</p>

ToR : To propose or develop methods and procedures that facilitate harmonisation of international standards and guidelines applicable to the designated specialty

2. Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the surveillance and control of animal diseases, food safety or animal welfare

Proposal title	Scope/Content	Applicable area
<p>Developing an integrated Biosecurity Index</p>	<p>A collaborative strategic project with FAO to Develop an integrated biosecurity assessment and monitoring tools for food and agriculture sectors</p>	<p><input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input type="checkbox"/> Animal welfare</p>

ToR: To establish and maintain a network with other OIE Collaborating Centres designated for the same specialty, and should the need arise, with Collaborating Centres in other disciplines

ToR: To carry out and/or coordinate scientific and technical studies in collaboration with other centres, laboratories or organisations

3. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres (CC), Reference Laboratories (RL), or organisations designated for the same specialty, to coordinate scientific and technical studies?

No

4. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres, Reference laboratories, or organisations in other disciplines, to coordinate scientific and technical studies?

Yes

Name of OIE CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
Istituto Zooprofilattico Sperimentale	Italy	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaboration on camelpox research
FAO and FAO-SNG	Rome and Abu Dhabi	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input checked="" type="checkbox"/> Middle East	Participation in the research for Detection of potential recombination of MERS-CoV with SARS-CoV-2 or other Coronaviruses in dromedary camels

ToR: To place expert consultants at the disposal of the OIE.

5. Did your Collaborating Centre place expert consultants at the disposal of the OIE?

Yes

Name of expert	Kind of consultancy	Subject
Dr. Salama Almuhairi	Technical Working Group	Biosafety Research Roadmap
Prof. Abdelmalik Khalafalla	Focal point for Atypical Domesticated PPRV Hosts group and member of the PPR- GREN Bureau	To assist, identify and prioritize research opportunities within the strategic needs of the PPR-GEP (FAO, OIE project)
Dr. Salama Almuhairi	One Health High Level Expert Panel	One Health

ToR: To provide, within the designated specialty, scientific and technical training to personnel from OIE Member Countries

6. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by the OIE, to personnel from OIE Member Countries?

No

ToR: To organise and participate in scientific meetings and other activities on behalf of the OIE

7. Did your Collaborating Centre organise or participate in the organisation of scientific meetings on behalf of the OIE?

No

ToR: To collect, process, analyse, publish and disseminate data and information relevant to the designated specialty

8. Publication and dissemination of any information within the remit of the mandate given by the OIE that may be useful to Member Countries of the OIE

a) Articles published in peer-reviewed journals: 4

1- Molecular Investigation on Tick-Borne Hemoparasites and Coxiella burnetii in Dromedary Camels (Camelus dromedarius) in Al Dhafra Region of Abu Dhabi, UAE.

2-Comparison of microscopy, card agglutination test for Trypanosoma evansi, and real-time PCR in the diagnosis of trypanosomosis in dromedary camels of the Abu Dhabi Emirate, UAE.

3-Infectious Diseases of Dromedary Camels: A Concise Guide.

4- Pathology, bacteriology and molecular studies on caseous lymphadenitis in Camelus dromedarius in the Emirate of Abu Dhabi, UAE, 2015-2020.

b) International conferences: 0

c) National conferences: 1

Abu Dhabi Agriculture & Food Security Conference

23-24 Nov 2021

Abu Dhabi United Arab Emirates

d) Other

(Provide website address or link to appropriate information): 2

<https://adafsw.com/>

<http://www.adafsa.gov.ae/English/MediaCenter/News/Pages/1622021.aspx>

9. Additional comments regarding your report:

