

# OIE Collaborating Centres Reports Activities

## *Activities in 2021*

**This report has been submitted : 2022-01-28 19:03:43**

<b>Title of collaborating centre:</b>	Quality Control of Veterinary Vaccines
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<b>Name of Director of Institute (Responsible Official):</b>	Dr Nick Nwankpa
<b>Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):</b>	Dr Nick Nwankpa Director
<b>Name of writer:</b>	Ethel Chitsungo

**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**

Vaccines	
Title of activity	Scope
Vaccine quality control	Type of vaccines received: AHS, AI, AI/MD/ND, AI/ND, AIB, AIB/ND, AIB/ND/EDS, Anthrax, AX/CL, BL, Brucellosis, CBPP, CCPP, Clostridiosis, CL/HS, FC/FT/ND, FMD, FP, HS, IBD, IBD/ND, LSD, Marek's, MG, ND, ORF, PPR, PPR/SGP, Rabies, RVF, Salmonellosis, SGP.  A total of 286 Vaccines and biologicals were received for testing. Of these 219 were vaccines, 44 diluent, 57 biologicals and 10 were vaccines tested under various PANVAC vaccine quality control projects
Distribution of biological products	Biologicals and vaccine seeds were issued to the following countries: Ethiopia, Eritrea, Nigeria, Tanzania and Jordan.
Other (Name the category)	
Title of activity	Scope
Covid 19 testing	23025 samples tested for Covid 19 diagnosis

**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
Development of an immunocapture ELISA for specific PPR vaccine antigen detection	PPR Immunocapture ELISA (validation in progress)	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input type="checkbox"/> Animal welfare

Development of mccpp immunocapture ELISA for mccpp antigen detection	CCPP immunocapture ELISA (validation in progress)	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input type="checkbox"/> Animal welfare
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**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
Pirbright Institute	United Kingdom	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	Twinning project on FMD vaccine quality control
DTRA	United States of America	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Shipping of dangerous goods

**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?**

No

***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?**

Yes

- a) Technical visits: 0  
 b) Seminars: 0  
 c) Hands-on training courses: 2  
 d) Internships (>1 month): 3

Type of technical training provided (a, b, c or d)	Content	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
C	PPR vaccine production and quality control	Tanzania	2
C	PPR vaccine production and quality control	Eritrea	17
D	MSc intershships in vaccine production and quality control, Shipping of dangerous good	PanAfrican University, Nigeria	3

***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: 1  
 Hbeeb Oyedele et al, (2021) Evaluation of PPR monoclonal antibodies in immunofluorescence for rapid quality control of Peste des Petits Ruminants (PPR) vaccine. Submitted for publication on Vaccine
- b) International conferences: 3  
 OIE/FAO FMD Reference Laboratories Network Meeting, 23-24 November 2021  
 11th Pan African meeting of Directors of Veterinary Vaccine producing laboratories, 16-17 November 2021  
 5th AU-PANVAC Steering committee meeting, 17-18 November 2022

c) National conferences: 0

d) Other

(Provide website address or link to appropriate information): 0

**9. Additional comments regarding your report:**