

# OIE Collaborating Centres Reports Activities

## *Activities in 2018*

**This report has been submitted : 2019-01-15 12:41:13**

<b>Title of collaborating centre:</b>	Maladies infectieuses de la reproduction en Europe
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<b>Name of Director of Institute (Responsible Official):</b>	Sylvie Billard
<b>Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):</b>	Sylvie Billard:Executive director and vets
<b>Name of writer:</b>	Sylvie Billard

**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**

<b>Epidemiology, surveillance, risk assessment, modelling</b>	
<b>Title of activity</b>	<b>Scope</b>
transmission of PEDV via semen ( 3 years PhD research project in collaboration with ANSES	Assess and monitor virus shedding in PEDV experimentally infected boars
quality of semen in the ram and fertility	Maximâle INRA/IDELE/LNCR
Contribution to surveillance of infectious diseases in the breeding sector	Analysis of data from the LNCR data base
<b>Training, capacity building</b>	
<b>Title of activity</b>	<b>Scope</b>
alternating training 2years	BTS biology
training Korean delegation	reproductive diseases and health management
training DOVEA Ireland company	reproductive diseases and health management preservation of the semen
training CAPGENES french company	reproductive diseases and diagnostic
alternating training 6 week	biology licence
training EVAJURA french company	quality of semen
training ELVA NOVIA french company	reproductive physiology
<b>Diagnosis, biotechnology and laboratory</b>	
<b>Title of activity</b>	<b>Scope</b>
laboratory diagnostics of infectious diseases of relevance for international trade of breeding animals and their gametes	Approx. 300 000 tests were carried in 2018
Semen quality assessment in breeding males	approx. 10 000 tests were carried in 2018
quality control of semen extenders	new service to the breeding industry
microbiological quality of semen	approx 5000 tests were carried in 2018

microbiological quality of extenders	new service
bacteriological control of embryo transfer	Approx 100 tests

**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
Tritrichomonas detection	new analysis to detect tritrichomonas foetus	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input type="checkbox"/> Animal welfare

**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?**

Yes

Name of OIE CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
Anses Lyon -Vigimyc	Lyon, France	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	Control of mycoplasma in semen
Anses	maisons alfort	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	framework agreement

ANSES/GDS	PARIS	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	Reference laboratory besnoitiose
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**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?**

No

**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
Sylvie Billard	french ministry of agriculture ALLICE	Health expertise
wajdi Ben HANIA	AIVETS	bacterial contaminations of the semen
sylvie Billard	request for technical advice from french ministry of agriculture	tuberculosis

**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: 5
- b) Seminars: 3
- c) Hands-on training courses: 5
- d) Internships (>1 month): 2

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
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a, c	reproductive diseases and health management	korea	9
a,c	reproductive diseases and health management	ireland	2
a,c	reproductive disease and diagnostic	france	50
b	AIVETS	suisse	100
b	prevent and cure infectious diseases INRA	france	100
b	detection of tritrichomonas foetus by flow cytometry	france	200

**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?**

Yes

National/International	Title of event	Co-organiser	Date (mm/yy)	Location	No. Participants
National	scientific and technical committee	LNCR	13/11/2018	Maison alfort	15

**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  
Detection of Tritrichomonas foetus by flow cytometry ( in preparation)

b) International conferences: 1  
AIVETS

c) National conferences: 1  
SFM 2018 french microbiological congress  
poster presentation: Tritrichomonas detection by flow cytometry

d) Other

(Provide website address or link to appropriate information): 1  
photo competition SFM 2018: Tritrichomonas foetus

<http://www.congres-sfm.fr/concoursphoto-692259.html>