OIE Collaborating Centres Reports Activities

Activities in 2018

This report has been submitted: 2019-02-14 11:21:43

<table>
<thead>
<tr>
<th>Title of collaborating centre:</th>
<th>Training in Integrated Livestock/Wildlife Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of Collaborating Centre:</td>
<td>Faculty of Veterinary Science University of Pretoria Private Bag X04 Onderstepoort 0110 SOUTH AFRICA</td>
</tr>
<tr>
<td>Tel.:</td>
<td>+27-12 529.84.26</td>
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<tr>
<td>Fax:</td>
<td>+27-12 529.83.12</td>
</tr>
<tr>
<td>E-mail address:</td>
<td><a href="mailto:anita.michel@up.ac.za">anita.michel@up.ac.za</a></td>
</tr>
<tr>
<td>Website:</td>
<td><a href="http://www.up.ac.za">http://www.up.ac.za</a></td>
</tr>
<tr>
<td>Name of Director of Institute (Responsible Official):</td>
<td>Prof Vinny Naidoo</td>
</tr>
<tr>
<td>Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):</td>
<td>Prof Anita Michel</td>
</tr>
<tr>
<td>Name of writer:</td>
<td>Prof Anita Michel</td>
</tr>
</tbody>
</table>
Training in Integrated Livestock/Wildlife Health - Department of Veterinary Tropical Diseases

**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

<table>
<thead>
<tr>
<th>Diagnosis, biotechnology and laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of activity</strong></td>
</tr>
<tr>
<td>Molecular biology course</td>
</tr>
<tr>
<td>Virology and PCR practical course</td>
</tr>
<tr>
<td>Applied veterinary virology course</td>
</tr>
<tr>
<td>Applied veterinary bacteriology course</td>
</tr>
<tr>
<td>Tick identification course</td>
</tr>
<tr>
<td>Serology course</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Other (Name the category)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of activity</strong></td>
</tr>
<tr>
<td>One Health School</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Proposal title</th>
<th>Scope/Content</th>
<th>Applicable area</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>□ Surveillance and control of animal diseases □ Food safety □ Animal welfare</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Name of OIE CC/RL/other organisation(s)</th>
<th>Location</th>
<th>Region of networking Centre</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise “G.Caporale”</td>
<td>Terramo, Italy</td>
<td>□ Africa □ Americas □ Asia and Pacific □ Europe □ Middle East</td>
<td>Developing the “Enhancing Research for Africa Network”</td>
</tr>
<tr>
<td>Reference laboratory for Contagious Bovine Pleuropneumonia</td>
<td>Gaborone, Botswana</td>
<td>□ Africa □ Americas □ Asia and Pacific □ Europe □ Middle East</td>
<td>Developing the “Enhancing Research for Africa Network”</td>
</tr>
</tbody>
</table>

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?
Training in Integrated Livestock/Wildlife Health - Department of Veterinary Tropical Diseases

Yes

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

<table>
<thead>
<tr>
<th>Type of technical training provided (a, b, c or d)</th>
<th>Content</th>
<th>Country of origin of the expert(s) provided with training</th>
<th>No. participants from the corresponding country</th>
</tr>
</thead>
<tbody>
<tr>
<td>c)</td>
<td>Practical application of phylogenetic analysis</td>
<td>South Africa</td>
<td>11</td>
</tr>
<tr>
<td>d)</td>
<td>Mycobacterium bovis culture</td>
<td>South Africa</td>
<td>1</td>
</tr>
<tr>
<td>b)</td>
<td>Wildlife Farmers day on bovine tuberculosis</td>
<td>South Africa</td>
<td>100</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>National/International</th>
<th>Title of event</th>
<th>Co-organiser</th>
<th>Date (mm/yy)</th>
<th>Location</th>
<th>No. Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>2nd ERFAN Regional Meeting</td>
<td>Department Veterinary</td>
<td>14 to 16 November 2018</td>
<td>Pretoria</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tropical Diseases</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>International</td>
<td>SADC OIE Animal Welfare Focal Points</td>
<td>Veterinary Faculty, UP</td>
<td>13 to 14 November 2018</td>
<td>Pretoria</td>
<td>22</td>
</tr>
</tbody>
</table>

**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: 62
subsets in the skin and lymph nodes amongst three cattle breeds as potential mediators of immune-resistance to Rhipicephalus microplus. Ticks And Tick-Borne Diseases, 9 pp. 976 - 987.


OIE Collaborating Centres Reports Activities, 2018
b) International conferences: 12


9. ICOPA conference, 18 to 25 August 2018, South Korea.


Glover B, van Heerden H. The other side of One Health: A brucellosis story. 5th International One Health Congress, Saskatoon, Canada, 22 - 25 June 2018.

c) National conferences: 10


9. Makgabo S.M., Biggs L, Brayton K.A., Oosthuizen M.C., Collins N.E. 2018. Tick-borne disease dynamics in...
calves at the wildlife-livestock interface in the Mnisi community area, Mpumalanga province, South Africa. The 47th Annual Conference of the Parasitological Society of Southern Africa. Tshipise Forever Resorts, South Africa. 16-18 September 2018. (ORAL)

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