# WOAH Reference Laboratory Reports Activities 2022
## Activities in 2022
This report has been submitted : 26 avril 2023 11:57

### Laboratory Information

<table>
<thead>
<tr>
<th>Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:</th>
<th>Classical swine fever</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of laboratory:</td>
<td>1015, Arlington Street, Winnipeg. MB R3E 3M4, Canada</td>
</tr>
<tr>
<td>Tel.:</td>
<td>12047892013</td>
</tr>
<tr>
<td>E-mail address:</td>
<td><a href="mailto:aruna.ambagala@inspection.gc.ca">aruna.ambagala@inspection.gc.ca</a></td>
</tr>
<tr>
<td>Website:</td>
<td><a href="https://inspection.canada.ca/science-and-research/our-laboratories/ncfad-winnipeg/eng/1549576575939/1549576643836">https://inspection.canada.ca/science-and-research/our-laboratories/ncfad-winnipeg/eng/1549576575939/1549576643836</a></td>
</tr>
<tr>
<td>Name (including Title) of Head of Laboratory (Responsible Official):</td>
<td>Kathleen Hooper-McGrevy</td>
</tr>
<tr>
<td>Name (including Title and Position) of WOAH Reference Expert:</td>
<td>Aruna Ambagala</td>
</tr>
<tr>
<td>Which of the following defines your laboratory? Check all that apply:</td>
<td>Governmental</td>
</tr>
</tbody>
</table>

### TOR1: DIAGNOSTIC METHODS

1. Did your laboratory perform diagnostic tests for the specified disease/topic for purposes such as disease diagnosis, screening of animals for export, surveillance, etc.? (Not for quality control, proficiency testing or staff training)

   Yes

<table>
<thead>
<tr>
<th>Diagnostic Test</th>
<th>Indicated in WOAH Manual (Yes/No)</th>
<th>Total number of test performed last year Nationally</th>
<th>Internationally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect diagnostic tests</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td>Yes</td>
<td>6963</td>
<td></td>
</tr>
<tr>
<td>NPLA</td>
<td>Yes</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

WOAH Reference Laboratory Reports Activities 2022
**TOR2: REFERENCE MATERIAL**

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOAH?
   No

3. Did your laboratory supply standard reference reagents (nonWOAH-approved) and/or other diagnostic reagents to WOAH Members?
   No

4. Did your laboratory produce vaccines?
   No

5. Did your laboratory supply vaccines to WOAH Members?
   No

**TOR3: NEW PROCEDURES**

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?
   No

7. Did your laboratory validate diagnostic methods according to WOAH Standards for the designated pathogen or disease?
   No

8. Did your laboratory develop new vaccines for the designated pathogen or disease?
   No

9. Did your laboratory validate vaccines according to WOAH Standards for the designated pathogen or disease?
   No

**TOR4: DIAGNOSTIC TESTING FACILITIES**

10. Did your laboratory carry out diagnostic testing for other WOAH Members?
    No

11. Did your laboratory provide expert advice in technical consultancies on the request of a WOAH Member?
    Yes

<table>
<thead>
<tr>
<th>NAME OF THE WOAH MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY</th>
<th>PURPOSE</th>
<th>HOW THE ADVICE WAS PROVIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAPAN</td>
<td>Information on monoclonal antibodies</td>
<td>email</td>
</tr>
</tbody>
</table>

**TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES**

12. Did your laboratory participate in international scientific studies in collaboration with WOAH Members other than the own?
    No

**TOR6: EPIZOOLOGICAL DATA**
14. Did your Laboratory collect epidemiological data relevant to international disease control?
No

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?
No

16. What method of dissemination of information is most often used by your laboratory? (Indicate in the appropriate box the number by category and list the details in the box)

a) Articles published in peer-reviewed journals:
2

b) International conferences:
2
EPIZONE 14th Annual meeting Barcelona May 2022
Genetic tracing of an historic outbreak of classical swine fever in the UK Helen Crooke, Rebecca Strong, Stephen McCleary, Sylvia Grierson, Bhudipa Choudhury, Falko Steinbach
Dendritic cell responses of live attenuated C-strain and E2 subunit (Porvac) vaccines, against classical swine fever virus Elliot Steedman, Jane Edwards, Yusmel Sordo-Puga, Stephen McCleary, Lisa Stevens, Emma Howes, Rebecca Strong, Maria Pilar Rodríguez-Moltó, Falko Steinbach, Helen Crooke
Is the trick of CSFV C strain vaccine attenuation just growing slowly? Falko Steinbach, Frederico Ferreira, Helder Nakaya, Helen Crooke

ESVV 12th International congress for veterinary virology Ghent Sept 2022
Has the attenuation of CSFV C strain vaccine just resulted in a slow growing virus? Falko Steinbach, Frederico Ferreira, Helder Nakaya, Helen Crooke

c) National conferences:
0

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

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAH Members?
Yes

a) Technical visit: Two scientists from LARRSA-Guatemala were trained on CSF diagnostics at the NCFAD-Winnipeg, under the ongoing Twinning project
b) Seminars : NPLA Zoom Virtual Training using pre-recorded video clips

c) Hands-on training courses:

d) Internships (>1 month)

<table>
<thead>
<tr>
<th>Type of technical training provided (a, b, c or d)</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>B</td>
<td>Guatemala</td>
<td>3</td>
</tr>
<tr>
<td>A</td>
<td>Guatemala</td>
<td>2</td>
</tr>
</tbody>
</table>

**TOR8: QUALITY ASSURANCE**

18. Does your laboratory have a Quality Management System?

Yes

<table>
<thead>
<tr>
<th>Quality management system adopted</th>
<th>Certificate scan (PDF, JPG, PNG format)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO17025</td>
<td>ISO17025 Certificate.pdf</td>
</tr>
</tbody>
</table>

19. Is your quality management system accredited?

Yes

<table>
<thead>
<tr>
<th>Test for which your laboratory is accredited</th>
<th>Accreditation body</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSFV virus isolation</td>
<td>UKAS</td>
</tr>
<tr>
<td>CSFV /ASFV RT - PCR</td>
<td>UKAS</td>
</tr>
<tr>
<td>CSFV antibody ELISA</td>
<td>UKAS</td>
</tr>
<tr>
<td>Pestivirus comparative neutralisation assay</td>
<td>UKAS</td>
</tr>
<tr>
<td>CSFV antigen ELISA</td>
<td>UKAS</td>
</tr>
</tbody>
</table>

20. Does your laboratory maintain a “biorisk management system” for the pathogen and the disease concerned?

Yes

Licenced under the Specified Animal Pathogen Order 2008

**TOR9: SCIENTIFIC MEETINGS**

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOAH?

No

22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOAH?

No

**TOR10: NETWORK WITH WOAH REFERENCE LABORATORIES**

23. Did your laboratory exchange information with other WOAH Reference Laboratories designated for the same pathogen or disease?

Yes

24. Are you a member of a network of WOAH Reference Laboratories designated for the same pathogen?

No
25. Did you organise or participate in inter-laboratory proficiency tests with WOAH Reference Laboratories designated for the same pathogen?  
Yes

<table>
<thead>
<tr>
<th>PURPOSE OF THE PROFICIENCY TESTS:</th>
<th>ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/PARTICIPANT)</th>
<th>NO. PARTICIPANTS</th>
<th>PARTICIPATING WOAH REF. LABS/ ORGANISING WOAH REF. LAB.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interlaboratory Comparison</td>
<td>Participant</td>
<td>Unknown</td>
<td>CReSA Centre de Recerca en Sanitat Animal</td>
</tr>
</tbody>
</table>

26. Did your laboratory collaborate with other WOAH Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?  
No

**TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING**

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOAH Reference Laboratories for the same pathogen?  
No

**TOR12: EXPERT CONSULTANTS**

28. Did your laboratory place expert consultants at the disposal of WOAH?  
No

29. Additional comments regarding your report:  
No