

## Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 20 Sept 2017

### Microbiological Entity/Unit

Building: BRI

Room(s): POD 4: 1403, 1405, 1406, 1409, 1410

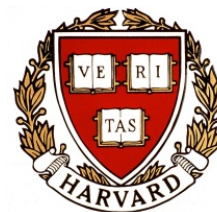
### Entity/Unit type (mark the correct type) :

Conventional

☒ Barrier

Isolator

Other



### Contact person (name, e-mail, phone)

Dr. Kathleen Pritchett-Corning, pritchettcorning@fas.harvard.edu, +1 617 384 6642

### Testing Results:

| Testing Results:                                      |                |                              |                              | Most recent tests                                                    |      | Historical results           |                          |
|-------------------------------------------------------|----------------|------------------------------|------------------------------|----------------------------------------------------------------------|------|------------------------------|--------------------------|
|                                                       |                |                              |                              | Tested subject<br><br>(sentinel, colony animal, environmental, etc.) | Date | No. positives/<br>No. tested | Collected over 18 months |
| Testing Laboratory                                    | Testing method | No. positives/<br>No. tested | No. positives/<br>No. tested |                                                                      |      | Testing frequency            |                          |
| Viruses :                                             |                |                              |                              |                                                                      |      |                              |                          |
| Ectromelia virus <sup>1</sup>                         | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| Hantaviruses                                          | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| K virus                                               |                |                              |                              | Not tested                                                           |      |                              |                          |
| Lactate dehydrogenase elevating virus                 |                |                              |                              | Not tested                                                           |      |                              |                          |
| Lymphocytic choriomeningitis virus <sup>1</sup>       | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| Mouse adenovirus (type 1) <sup>1</sup>                | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| Mouse adenovirus (type 2) <sup>1</sup>                | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| Mouse cytomegalovirus                                 |                |                              |                              | Not tested                                                           |      |                              |                          |
| Mouse hepatitis virus <sup>1</sup>                    | CRL            | PCR                          | Environmental                | 20-Sep-17                                                            | 0/6  | 0/85                         | Quarterly                |
| Mouse norovirus <sup>1</sup>                          | CRL            | PCR                          | Environmental                | 20-Sep-17                                                            | 6/6  | 54/85                        | Quarterly                |
| Mouse rotavirus <sup>1</sup>                          | CRL            | PCR                          | Environmental                | 20-Sep-17                                                            | 0/6  | 0/85                         | Quarterly                |
| Mouse thymic virus                                    |                |                              |                              | Not tested                                                           |      |                              |                          |
| Parvovirus <sup>1</sup>                               | CRL            | PCR                          | Environmental                | 20-Sep-17                                                            | 0/6  | 0/85                         | Quarterly                |
| - NS1                                                 |                |                              |                              | Not tested                                                           |      |                              |                          |
| - MPV <sup>1</sup>                                    | CRL            | PCR                          | Environmental                | 20-Sep-17                                                            | 0/6  | 0/85                         | Quarterly                |
| - MVM <sup>1</sup>                                    | CRL            | PCR                          | Environmental                | 20-Sep-17                                                            | 0/6  | 0/85                         | Quarterly                |
| Polyoma virus                                         |                |                              |                              | Not tested                                                           |      |                              |                          |
| Pneumonia virus of mice <sup>1</sup>                  | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| Reovirus type 3 <sup>1</sup>                          | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| Sendai virus <sup>1</sup>                             | CRL            | PCR                          | Environmental                | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| Theiler's murine encephalomyelitis virus <sup>1</sup> | CRL            | PCR                          | Environmental                | 20-Sep-17                                                            | 0/6  | 0/85                         | Quarterly                |

### Bacteria & fungi:

|                                                                         |     |     |               |                    |      |      |        |
|-------------------------------------------------------------------------|-----|-----|---------------|--------------------|------|------|--------|
| $\beta$ -hemolytic <i>Streptococcus</i> spp. (not group D) <sup>1</sup> | CRL | PCR | Environmental | 30-Jun-17          | 0/34 | 0/63 | Yearly |
| <i>Bordetella bronchiseptica</i>                                        | CRL | PCR | Environmental | 30-Jun-17          | 0/34 | 0/63 | Yearly |
| <i>Bordetella hinzii</i>                                                | CRL | PCR | Environmental | 30-Jun-17          | 0/34 | 0/63 | Yearly |
| Cilia-associated respiratory bacillus                                   | CRL | PCR | Environmental | 30-Jun-17          | 0/34 | 0/63 | Yearly |
| <i>Citrobacter rodentium</i> <sup>1</sup>                               | CRL | PCR | Environmental | 30-Jun-17          | 0/34 | 0/63 | Yearly |
| <i>Clostridium piliforme</i> <sup>1</sup>                               | CRL | PCR | Environmental | 30-Jun-17          | 0/34 | 0/63 | Yearly |
| <i>Corynebacterium kutscheri</i> <sup>1</sup>                           | CRL | PCR | Environmental | 30-Jun-17          | 0/34 | 0/63 | Yearly |
| <i>Helicobacter</i> spp. <sup>1</sup>                                   |     |     |               | Enzootic in colony |      |      |        |
| <i>Klebsiella oxytoca</i>                                               | CRL | PCR | Environmental | 30-Jun-17          | 1/29 | 2/63 | Yearly |

## Health Monitoring Report for Mice

**Institution:** Harvard University Faculty of Arts and Sciences

**Date:** 20 Sept 2017

**Microbiological Entity/Unit**

Building: BRI

Room(s): POD 4: 1403, 1405, 1406, 1409, 1410



### Testing Results (continued):

| Testing Results (continued):                     |                |                              |                   | Most recent tests                                                    |      | Historical results           |                          |
|--------------------------------------------------|----------------|------------------------------|-------------------|----------------------------------------------------------------------|------|------------------------------|--------------------------|
|                                                  |                |                              |                   | Tested subject<br><br>(sentinel, colony animal, environmental, etc.) | Date | No. positives/<br>No. tested | Collected over 18 months |
| Testing Laboratory                               | Testing method | No. positives/<br>No. tested | Testing frequency |                                                                      |      |                              |                          |
|                                                  |                |                              |                   |                                                                      |      |                              |                          |
| Bacteria & Fungi (continued)                     |                |                              |                   |                                                                      |      |                              |                          |
| <i>Klebsiella pneumoniae</i>                     | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 0/34 | 2/63                         | Yearly                   |
| <i>Mycoplasma pulmonis</i> <sup>1</sup>          | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| <i>Pasteurella pneumotropica</i> <sup>1</sup>    | CRL            | PCR                          | Environmental     | 20-Sep-17                                                            | 6/6  | 76/85                        | Quarterly                |
| <i>Pseudomonas aeruginosa</i>                    | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 0/34 | 1/63                         | Yearly                   |
| <i>Pneumocystis murina</i>                       | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 1/34 | 2/63                         | Yearly                   |
| <i>Salmonella</i> spp. <sup>1</sup>              | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| <i>Staphylococcus aureus</i>                     | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 2/34 | 2/63                         | Yearly                   |
| <i>Streptobacillus moniliformis</i> <sup>1</sup> | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |
| <i>Streptococcus pneumoniae</i> <sup>1</sup>     | CRL            | PCR                          | Environmental     | 30-Jun-17                                                            | 0/34 | 0/63                         | Yearly                   |

### Parasites<sup>1</sup>:

#### Mites

|                             |     |     |               |           |     |      |           |
|-----------------------------|-----|-----|---------------|-----------|-----|------|-----------|
| <i>Myobia musculi</i>       | CRL | PCR | Environmental | 20-Sep-17 | 0/6 | 0/85 | Quarterly |
| <i>Myocoptes musculinus</i> | CRL | PCR | Environmental | 20-Sep-17 | 0/6 | 0/85 | Quarterly |
| <i>Radfordia affinis</i>    | CRL | PCR | Environmental | 20-Sep-17 | 0/6 | 0/85 | Quarterly |

#### Pinworms

|                               |     |     |               |           |     |      |           |
|-------------------------------|-----|-----|---------------|-----------|-----|------|-----------|
| <i>Aspiculuris tetraptera</i> | CRL | PCR | Environmental | 20-Sep-17 | 0/6 | 0/85 | Quarterly |
| <i>Syphacia oblevata</i>      | CRL | PCR | Environmental | 20-Sep-17 | 0/6 | 0/85 | Quarterly |

#### Protozoan

|                             |     |     |               |            |      |       |           |
|-----------------------------|-----|-----|---------------|------------|------|-------|-----------|
| <i>Entamoeba muris</i>      | CRL | PCR | Environmental | 20-Sep-17  | 0/6  | 2/85  | Quarterly |
| <i>Giardia muris</i>        | CRL | PCR | Environmental | 30-Jun-17  | 0/34 | 0/63  | Yearly    |
| <i>Spironucleus muris</i> * | CRL | PCR | Environmental | 20-Sep-17  | 1/6  | 10/85 | Quarterly |
| <i>Tritrichomonas muris</i> |     |     |               | Not tested |      |       |           |

#### Other parasites

**Additional agents for which testing has been performed:**

**Pathology:**

### Additional comments:

*Helicobacter* spp. enzootically present in the colony: *H. bilis*, *H. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*. Room 1409 tests positive for *Spironucleus*.

1: The 2014 FELASA recommendations include these agents.