

## IACUC Guidelines for Frog Health Surveillance

*Last Approved: 08/25/23*

*Last Review: 08/25/23*

*Revision History:*

### **Standard Operating Procedure**

The Primary Objective of the Health Surveillance Program is to monitor frog colonies at UW-Milwaukee for the presence of agents that would compromise the health status of the animals or negatively impact research.

Frogs from non-approved vendors must remain separate from the main colony for 30 days.\*

Health Surveillance will be performed semi-annually on any colony of frogs maintained for more than three months. Tests for the pathogens listed below will be performed via PCR in-house or sent to an approved diagnostic laboratory\*\*. Non-fertilized xenopus eggs or environmental samples will be tested for the following excluded pathogens:

#### **First Bi-Annual Tests:**

- Batrachochytrium dendrobatidis
- Cryptosporidium sp
- Mycobacteria species
- Pseudocapillaroides Xenopi (xenopus only)
- Pseudomonas aeruginosa
- Ranavirus
- Salmonella
- Chlamydia
- Aeromonas

**Second Bi-Annual Tests:**

- Batrachochytrium dendrobatidis
- Mycobacteria species
- Pseudocapillaroides Xenopi
- Ranavirus
- Chlamydia

While not tested for on a routine basis, the following pathogens may be tested for as deemed necessary:

Chryseobacterium spp.
Citrobacter freundii
Edwardsiella spp.
Elizabethkingia meningoseptica
Flavobacterium spp.
Klebsiella pneumoniae
Proteus mirabilis
Saprolegnia spp.

At the discretion of the veterinarian, necropsies +/- histopathology may be performed in-house or sent to an approved laboratory\*\*

**\*Approved Vendors:**

- o The National Xenopus Resource
- o Xenopus1

\*\*IDEXX, CRL, VRL