

Services currently available through the Small Animal Research Core:

Disease Models:

Bacillus anthracis:

A/J mouse, systemic disease model of anthrax (*B. anthracis* STERNE; BSL2)
Guinea pig, systemic and inhalational model of anthrax (*B. anthracis* AMES, BL3)

Yersinia pestis:

Balb/c and C57BL/6 mice, septicemic plague model (*Y. pestis* KIM D27; BSL2) and septicemic, bubonic and pneumonic plague models using (*Y. pestis* CO92; BSL3)

Staphylococcus aureus

Balb/c and C57BL/6 mice renal abscess model

Listeria monocytogenes

Balb/c mouse, systemic disease model

Sphingomonas spp.

Balb/c and C57BL/6 mice, systemic disease model

Salmonella typhimurium

Balb/c mouse, gastro-intestinal salmonellosis model

Immunology Services

Vaccine Study

Intramuscular vaccination regimen followed by challenge.

Immunity Study

In vivo cytokine and adaptive immunity studies utilizing sub-lethal doses of pathogen as listed above.

Other

The Small Animal Research Core is constantly expanding its services. Please contact the Technical Director (mouse@listhost.uchicago.edu) to discuss the development of animal

models not yet offered by the core. We will work with you in the development of new models of infectious disease to suit your research needs.