



Facility for Infectious Disease and Epidemic Research (FINDER)

By applying functional genomic and proteomic approaches and imaging technologies to small-animal models of **infectious** diseases (infectomics), UBC scientists are investigating new therapeutic avenues for antimicrobial drug discovery and vaccine development for Risk Group 3 (RG3) pathogens (e.g. HIV-1, influenza A virus, West Nile virus, and Mycobacterium tuberculosis).

Dr. François Jean, Scientific Director FINDER

FINDER, a 6,700-sq-ft facility, is one of the largest and most comprehensive university-based Containment Level 3 (CL3) facilities in the world.

Infrastructure:

- Custom-designed self contained Microbiology Suites, each with its own Animal Holding Room
- Proteomics/Analytic Suite
- Imaging Suite
- Flow Cytometry Suite
- Archival Freezer Suite

Service:

- CL3 facility commissioning, certification consultation, SOP development, and training
- In vitro bacterial and/or viral infection assays
- Delivery of vaccines, treatment and infectious challenges by aerosol and other routes.



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