



Agent	Mouse	Rat	Guinea Pig	Hamster	Rabbit	Ferret	NHP
Bacterial Models							
<i>Yersinia Pestis</i>	✓	✓	✓		✓		✓
<i>Bacillus anthracis</i>	✓		✓		✓		✓
<i>Francisella tularensis</i>	✓						✓
<i>Burkholderia pseudomallei</i>	✓						
<i>Pseudomonas aeruginosa</i>	✓	✓					
<i>Streptococcus pneumoniae</i>	✓						
<i>Haemophilus influenzae</i>	✓						
<i>Klebsiella pneumoniae</i>	✓						
<i>Staphylococcus aureus</i>	✓	✓	✓	✓			
Sepsis (MRSA, <i>E. Coli</i>)		✓	✓				✓
Additional MDR gram negative bacteria (Carbapenem-resistant Enterobacteriaceae, DR-N. gonorrhoeae, <i>Aceinetobacter</i> , <i>Campylobacter</i> , Vancomycin-resistant <i>Enterococcus</i> , DR <i>Salmonella</i> , <i>Shigella</i> , Group A/B <i>Streptococcus</i>)	✓	✓					
Viral Models							
Coronaviruses (SARS-CoV, 229E, OC43, NL-63)	✓	✓	✓	✓		✓	✓
Influenza (seasonal, recombinant, HPAI, LPAI)	✓	✓	✓			✓	✓
Adenovirus Sub Groups B,C,E	✓	✓	✓				
Rhinovirus Group 1&2	✓	✓					
Hantavirus				✓			
Rabies virus (aerosol, IM, IN)	✓						
Chikungunya virus (aerosol & SC)							✓
Orthopoxviruses (mousepox, vaccinia, rabbitpox, cowpox, monkeypox)	✓	✓			✓		✓
Respiratory Syncytial Virus (RSV)	✓	✓					✓
Dengue virus	✓						
Zika virus	✓						
Fungal Models							
<i>Candida albicans</i>	✓						
<i>Cryptococcus neoformans</i>	✓	✓	✓				
<i>Aspergillus fumigatus</i>			✓				