Natural history of disease in hamster PICV infection model

Day 0
Challenge ~ 5 pfu

Day 1
Virus in serum

Day 2
Virus in liver, kidney, spleen, lung

Day 3
Type I IFN

Day 4
Drop in serum albumin

Day 5
Virus in serum

Day 6
Virus in brain; rise in ALT and AST; WBC and cyto/chemokine spike

Day 7
Peak virus titers, ALT, and AST; increasing vascular leak; animals begin to lose weight

Day 8
Significant vascular leak in spleen, liver, and lung; animals begin to succumb and show signs of illness (hunched posture, ruffled fur, lethargy, petechiae)

Day 9
Mean day of death