

Influenza Virus in mice



- Human natural host of infection
- Mice model for men
- Mouse-adapted virus
 - Vaccination challenge
 - Virulence studies
- Models in other species as well (ferret, chicken, pig)

Study design:

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- Female 7 – 9 week old BALB/c mice
- Several groups, large numbers of mice
- Intranasal inoculation
- Mouse adapted isolates available
 - H₇N₇
 - Customized mouse adaptation of isolates
 - GMO viruses possible
- Clinical observations
 - Clinical symptoms: percentage survival
 - Body weight

Parameters:

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- Virus quantification by PCR
- TCID₅₀

