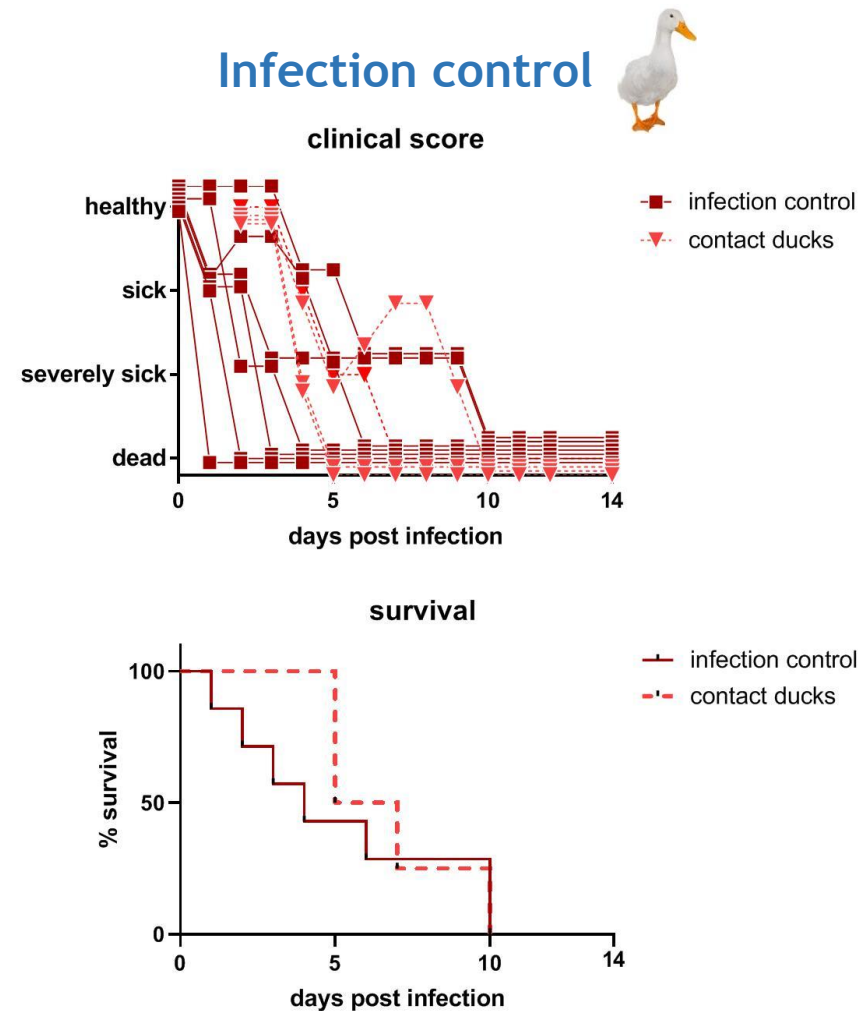
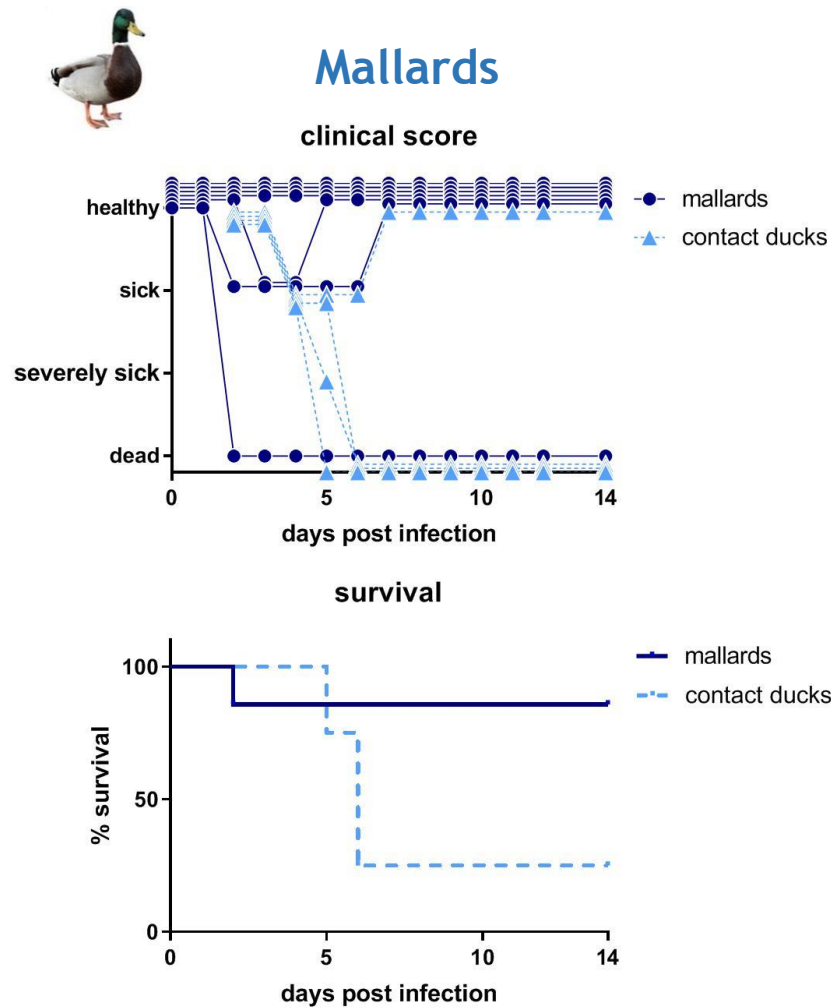


# Major goals of the in vivo study

- Role of mallards (*Anas platyrhynchos*) after pre-exposure to LPAIV in dynamics of clade 2.3.4.4 B HPAIV infection (LPAIV + heterologous HPAIV).
- Variances in dynamics after re-infection of surviving ducks with the homologous clade 2.3.4.4 B virus (HPAIV + homologous HPAIV).

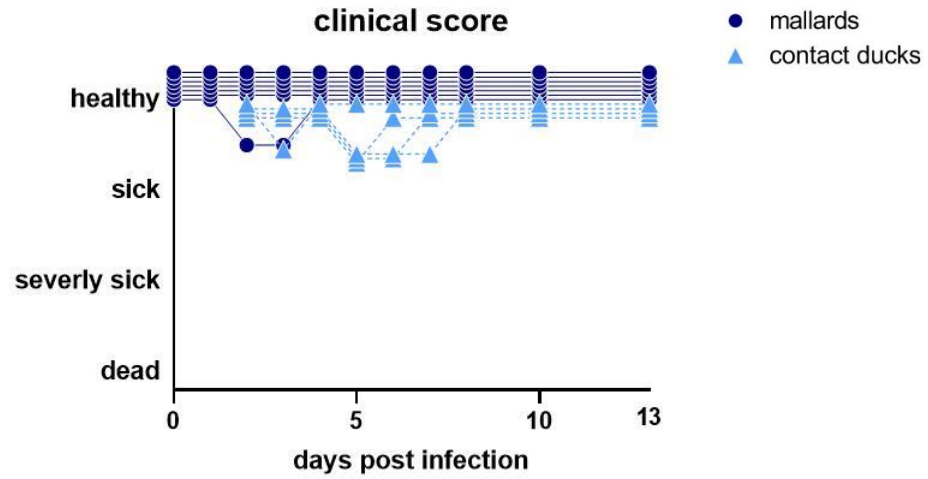


# Results: LPAIV + heterologous HPAIV H5N8 - clinical score & survival rates



**Mallards: mild symptoms**  
**Fatal disease in contact and naïve Pekin ducks, up to 100% case fatality rate**

# Results: HPAIV + homologous HPAIV H5N8 - clinical score & survival rates



No clinical symptoms & no infection of contact ducks

