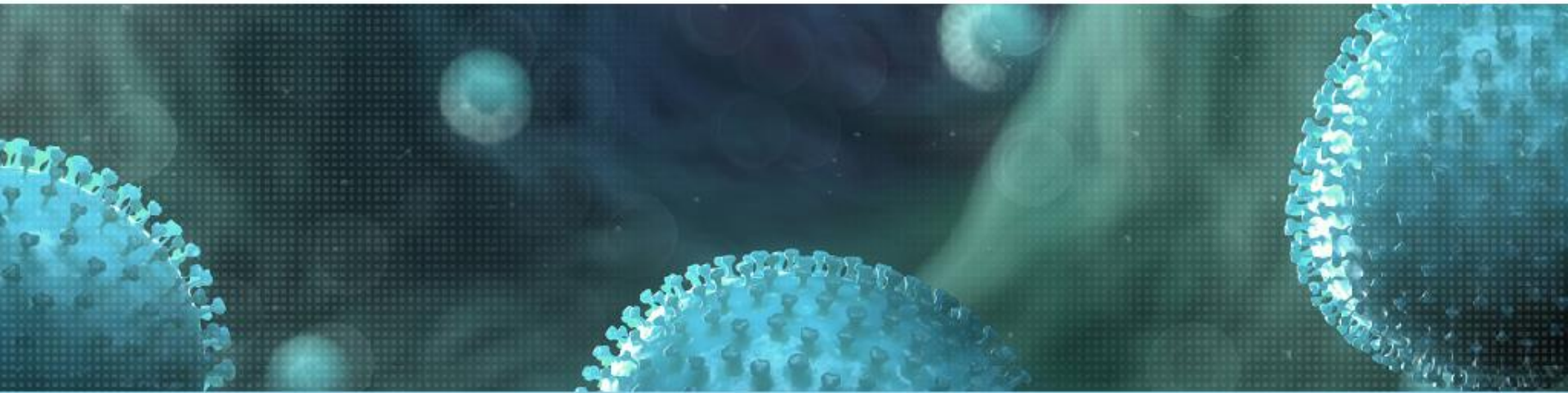


Erasmus MC



Viroscience lab

WHERE SKILLS MEET TO STUDY & PROTECT



**The constant threat of bird flu viruses to humans
and farmed birds**

Thijs Kuiken

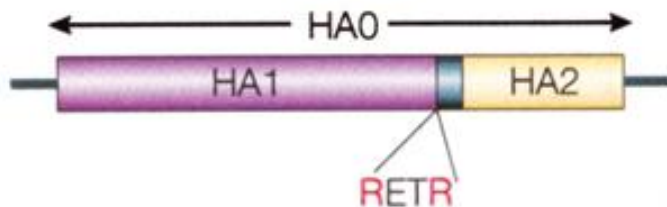
Intergroup on the welfare and conservation of animals, 24 March 2022

Highly pathogenic influenza virus (bird flu virus) normally not in nature: conversion takes place in poultry

(Horimoto & Kawaoka 2005 Nature Rev Microbiol)

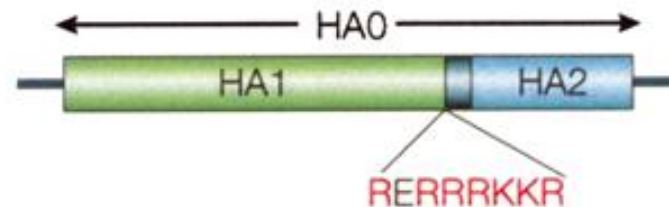
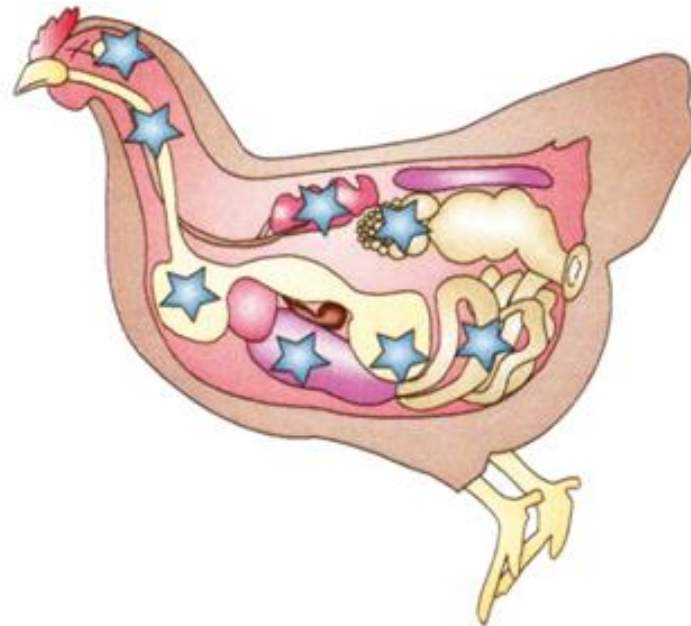
LPAI

Proteases localized in respiratory and intestinal organs



HPAI

Ubiquitous proteases



Requests to European Parliament members

- Treat HPAI problem as matter of urgency
- For the broader public good, overcome opposition from those with interests vested in the status quo
- Take One Health approach regarding poultry sector in Europe
 - Improved human health and welfare AND
 - Improved animal health and welfare AND
 - Improved environmental health and resilience

