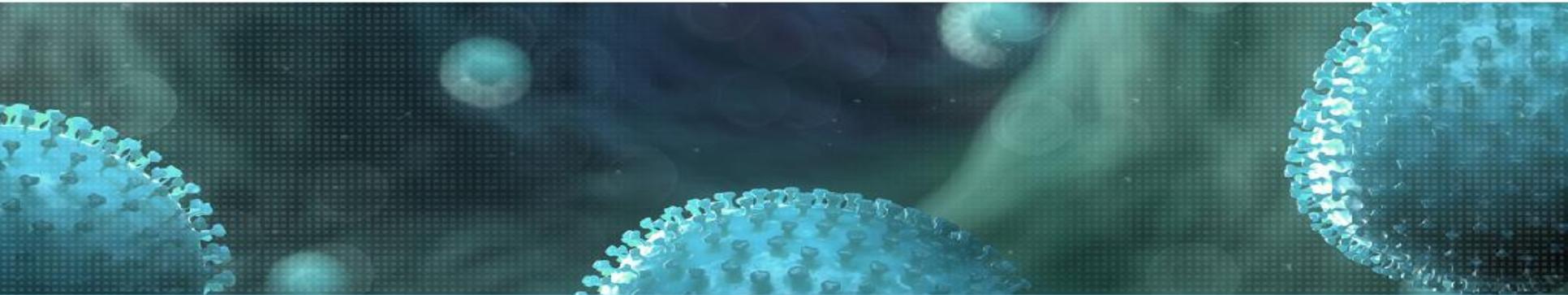


Erasmus MC



**Viroscience lab**  
WHERE SKILLS MEET TO STUDY & PROTECT



## Addressing avian influenza and other health hazards in poultry production according to the One Health approach

Thijs Kuiken

*EPIC conference, Edinburgh, 1 March 2022*

## Discussion: One Health approach ...

- fits with transformative changes (technological, economic, social)
- can address major global problems
  - biodiversity loss from land use change
  - nature degradation from nitrogen emissions
  - global warming from greenhouse gas emissions
  - pandemic risk from emergence of zoonotic pathogens
- requires involvement of multiple sectors and multiple disciplines
- can be applied to other areas of veterinary research

## Conclusion

- The overall principle of this One Health approach is to identify the human activity that is the main correlate of the specific health hazard and to assess the full scope of health hazards associated with this activity, not only on the specific host category but also on other host categories.
- Using this One Health approach could allow veterinary researchers to contribute to transformative changes in society, and so help to stop the rapidly downward spiral in the state of global ecosystems.

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