

Propositions for the thesis **Pathogenesis and epidemiology of the Goose/Guangdong lineage of highly pathogenic avian influenza in wild birds**

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1. Now that GS/GD HPAI viruses are circulating in wild birds as a new environmental niche, they may continue to spread to all the world's continents (This thesis).
2. The recovery of the same genotype of GS/GD HPAI virus in Dutch wild bird populations for over one year indicates that HPAI is now enzootic in those populations (This thesis).
3. The GS/GD lineage of HPAI viruses is now a threat for bird conservation, including conservation of certain raptor species like the peregrine falcon (This thesis).
4. Regional land use and poultry husbandry systems in southeast Asia are important risk factors for future spill-overs of HPAI viruses from poultry to wild birds (This thesis).
5. The fact that wild mammals have recently been found fatally infected with GS/GD HPAI virus is an indication that zoonotic potential of the virus has increased (This thesis).
6. Based on the earliest detections of GS/GD HPAI viruses in Europe during autumn migration, Eurasian wigeons are likely important as long-distance virus carriers (Verhagen 2021).
7. Despite environmental, ethical, and health concerns about meat consumption, global poultry stocks for meat are predicted to increase by 11% during the next decade (OECD-FAO 2021).
8. Given that human activities have become the dominant force shaping the Earth's geology and ecosystems, the present-day geological age should be called the Anthropocene (Anthropocene Working Group 2016).
9. If all the insects were to disappear from the Earth, within fifty years all life on Earth would end. If all human beings were to disappear from earth, within fifty years all other forms of life would flourish. (Jonas Salk, 1914-1995)
10. People need to be rehabilitated to the concepts of Nature. Human education is the first step toward an improved disease prevention and should be prioritised in the One Health strategy (WHO 2022).
11. Creativity now is as important in education as literacy, and we should treat it with the same status. (Sir Ken Robinson 2007)