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## **Clostridioides Difficile Infection in Pig Farms, a One Health Perspective: Infection Dynamic and Genomic Analysis**

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### **Abstract**

Multiple zoonotic subtypes of avian influenza viruses (AIV) are endemic in poultry populations in South and Southeast Asia. With most poultry being traded alive, live bird markets are considered to play a key role in AIV epidemiology in these regions. Yet, the configurations of trading networks, in which markets are embedded, is often unknown, and their impact on viral spread and maintenance poorly understood. I will present how interdisciplinary research combining epidemiological, ethnographic and virological studies can help assessing the influence of poultry trading practices on AIV transmission dynamics and identifying suitable targets for control and surveillance measures.