



**Centre for Immunity,
Infection and Evolution**

ASHWORTH LABORATORIES

Natural History Collections
Institute of Evolutionary Biology

CIIE Seminars

University of Edinburgh
Kings Buildings
Ashworth Laboratories
Lecture Theatre 3

21st March 2016, 3.30 p.m.

*Professor Frank Aarestrup
National Food Institute
Technical University of Denmark*

Global infectious disease surveillance - why and how?

Infectious diseases including antimicrobial resistance continues to impose a major burden on global human health and with pathogens and AMR spreading more rapidly due to increased trade and travel. Real-time detection, characterisation and sharing of infectious disease data is essential to get ahead of the epidemic curve and implement appropriate measures. We have been and are involved in a number of initiatives for sharing data globally and I will during this talk present some thoughts on how to move forward.