



218th Lecture Series 7.30pm - 8 January 2020



Prof. Wendy Barclay **The next influenza pandemic**

ABSTRACT

Influenza is a problem every winter. The vaccines we do have to protect ourselves work with varying effectiveness, and the antiviral drugs such as Tamiflu have a hazy reputation. But an even bigger worry is the threat of another influenza pandemic. Just over 100 years ago, an influenza pandemic killed more than 50 million people. Bird flu infections in Asia have resulted in hundreds of deaths in the last decade but thankfully the bird flu virus has not yet evolved to spread through the air so the pandemic has not ensued- yet. Such evolution is, in the end, inevitable but can we get better at predicting how and when it will happen, and are we prepared for The next Flu Pandemic?

BIOGRAPHY

Wendy Barclay leads a small group of researchers at Imperial College London trying to understand the origins of influenza pandemics and identify new ways to combat them. She also advises on UK's response to seasonal and emerging respiratory viruses.

Wendy joined Imperial College in May 2007, moving with her research group from the University of Reading where she had been based since 1995. Wendy graduated in Natural Sciences from Cambridge University and had undertaken her PhD at the Common Cold Unit, Salisbury under joint supervision of Dr David Tyrrell and Dr Fred Brown, studying the human immune response to rhinovirus. She acquired molecular virology skills as a postdoctoral fellow first in the laboratories of Professor Jeff Almond at Reading, and then working with Dr Peter Palese at the Mount Sinai School of Medicine, New York.

LINKS

<https://www.imperial.ac.uk/people/w.barclay>

https://en.wikipedia.org/wiki/Wendy_Barclay

**All lectures take place in Lecture Theatre K3.25, John Anderson Building,
University of Strathclyde, Rottenrow East, Glasgow G4 0NG.**

Non-members welcome

The John Anderson Building is in the pedestrianised area between Rottenrow and Rottenrow East. Free car parking is available behind the building. From High Street enter Rottenrow East at the Barony.
Refreshments will be served at 9.00pm.