

## **TWINCORE - Seminar**

Tuesday January 8<sup>th</sup>, 2019, 3 p.m.

TWINCORE Lecture Hall 0.020

# RSV and lower respiratory tract infection in young children



## **Prof. Dr. Steve Cunningham**

Infection of the lower respiratory tract is the most common infection in young children, with RSV associated with most deaths in vaccinated children. Vaccines, monoclonals and antivirals are promising, but identifying the population that they will best serve, and demonstrating clinical efficacy are challenging. Within a team at Edinburgh University, we are identifying population risks, seeking to better understand microbiome, host defence and inflammatory pathways in severe lower respiratory tract infection, and developing methodologies to understand the effect of vaccine interventions on lower respiratory tract infection in children using routinely collected data.

### **Who is Steve Cunningham?**

- Professor of Paediatric Respiratory Medicine; University of Edinburgh, Centre for Inflammation Research
- Director of Lothian Children's Clinical Research Facility
- Associate Director of Lothian Clinical Research Facility

#### Choice of current activities:

- Vice Chair, MHRA Paediatric Medicines Expert Advisory Group
- Chair. British Paediatric Orphan Lung Disease Registry
- International Member. US Cystic Fibrosis Foundation Therapeutics Data Safety Monitoring Board. (2013 - current)
- Chair European Respiratory Society Clinical Research Collaboration for Rare Lung Disease.