

**The Vaccine Centre  
at the London School of Hygiene  
& Tropical Medicine**

LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



# The Vaccine Centre: Participants and Subjects

## Administration & Organisation

Director: Anthony Scott  
Faculty Representatives: Eleanor Riley, Mark Jit, Ulla Griffiths  
Administrator: Joe Haynes

## Infectious & Tropical Diseases

- Antigen discovery
- Novel vaccine platforms
- Preclinical studies of vaccine efficacy
- Understanding mechanisms of vaccine-induced immunity and vaccine failure
- Phase II and III Trials for major new vaccines (Hib, PCV, malaria/RTS,S)

## Epidemiology & Population Health

- Mathematical modelling of infectious diseases to inform UK vaccine policy
- Linked electronic health records to estimate disease burden and vaccine effectiveness
- Observational epidemiological studies to estimate vaccine effectiveness
- Understanding 'Vaccine confidence' in society

## Public Health & Policy

- Tools for decision making in vaccine policy (PAHO)
- Cost-effectiveness of new vaccine introduction in developing countries
- Factors driving policy in new vaccine introduction



# The Vaccine Centre: Activities

March 2014 – Formal Initiation as a Centre

Monthly Scientific Meeting at LSHTM

Ad hoc meetings: facilitate ideas / grants

Communications: website & newsletter

Annual scientific retreat

Health Protection Research Unit in Immunisation  
– linked to PHE and UK vaccine policy

Epidemiological Evaluation of Vaccines:  
Efficacy, Safety and Policy

One or two places left  
Register by mid-June at [http://  
www.lshtm.ac.uk/study/cpd/seev.html](http://www.lshtm.ac.uk/study/cpd/seev.html)

Application to British Council for a vaccine  
workshop meeting in Sao Paulo March 2015

Vaccine Short Course at LSHTM in July

