



RCPE Symposium: Global Health

Wednesday 21 February 2018

Venue: Royal College of Physicians of Edinburgh, 9 Queen Street, EH2 1JQ

09.00 **Registration** and Coffee

09.25 **Welcome by President, RCPE**

Session 1 **Introducing new vaccines: key considerations**

Chair: Professor Harish Nair, Professor of Paediatric Infectious Diseases and Global Health, University of Edinburgh

09.30 **Extrapolating from clinical trials to predict the impact of new vaccines**

Professor Neil Ferguson, Professor of Mathematical Biology & Head of Department, Imperial College, London

* limitations of clinical trials * mathematical modeling to predict the impact of novel vaccines eg dengue and malaria * using evidence base to inform global and national vaccine policy

10.00 **Global vaccine recommendations: the WHO and the how**

Professor Andrew Pollard, Professor of Paediatric Infection and Immunity Oxford University, SAGE member

* assembly, assessment and use of evidence to inform WHO vaccine policy

10.30 **Gavi, the Vaccine Alliance's vaccine investment strategy**

Dr Hope Johnson, Director, Monitoring & Evaluation, Gavi, Switzerland

* evidence based decision making for vaccine investment * identifying key evidence gaps for future investment

11.00 **Coffee/Tea**

Session 2 **Introducing new vaccines: challenges**

Chair: Professor Harry Campbell, Professor of Genetic Epidemiology and Public Health, University of Edinburgh

11.30 **Vaccine hesitancy- what, where and why**

Professor Heidi Larson, Professor of Anthropology, Risk and Decision Science, London School of Hygiene and Tropical Medicine (LSHTM)

* global state of vaccine confidence * variation by social and cultural settings; local vaccine specific issues * increasing global connectivity of vaccine hesitant groups

12.00 **Challenges in introducing Human Papilloma Virus vaccine in Denmark**

Dr Kare Molbak, Statens Serums Institute, Copenhagen, Denmark

* introduction * fake news and derailment * evidence based restitution

12.45 **Ambuj Nath Bose Lecture**

Control of malaria – halfway there

Professor Sir Brian Greenwood CBE, Professor of Clinical Tropical Medicine, LSHTM

* what has worked; how this was achieved * key threats * novel interventions including vaccines and methods of vector control

13.30 **Lunch**

More information and booking:

events.rcpe.ac.uk

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Session 3 Syndemics

Chair: Professor Stewart Mercer, Chair in Primary Care Research, University of Glasgow

14.00 Syndemics and chronic diseases in sub-Saharan Africa

Professor Stephen Tollman, University of the Witwatersrand and MRC, South Africa; INDEPTH Network, Accra, Ghana

* trajectories of chronic disease and multi-morbidity * impact on health and social care systems * enhancing evidence and engaging key stakeholders

14.30 Syndemics in mental health

Dr Alexander Tsai, Assistant Professor of Psychiatry, Harvard University

* syndemics of psychosocial problems in vulnerable populations * models to account for multilevel interactive effects * novel methods

15.00 Coffee/Tea

Session 4 New frontiers in global health

Chair: Professor Elizabeth Grant, Director, Global Health of Academy, University of Edinburgh

15.25 Planetary health: responding to a changing world

Saskia Heijnen, Portfolio Lead, Wellcome Trust

* what is it and why is it important * climate change * urbanisation * food security * role of Wellcome Trust

15.55 Safeguarding health for the future - addressing the challenges of Planetary Health

Professor Sir Andy Haines, Department of Social and Environmental Health Research, LSHTM

* emerging themes * challenges in low and middle countries * role of Global Health Community

16.25 Discussion

16.40 Close

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