

# RCPE SYMPOSIUM EDINBURGH: Infectious Diseases

Date: Thursday, 14 June 2018

## PROGRAMME – UK TIME

**09.00 Registration**

**09.25 Welcome and Introductory Remarks**

by Professor Derek Bell OBE, President, Royal College of Physicians of Edinburgh

**Session 1 - "Youth is a dream, a form of chemical madness" F. Scott Fitzgerald**

Chair: Dr Susanna Dunachie, Consultant in Infectious Diseases & Tropical Medicine, Oxford University Hospitals Trust

**09:30 Legal highs and severe bacterial disease - an Edinburgh outbreak**

Dr Donald Inverarity, Consultant Microbiologist, Royal Infirmary, Edinburgh

\* epidemiology of legal high-associated bacterial infection outbreak \* bacteriology of outbreak \* clinical presentations

**10:00 HIV and drug use in 2016 - a Glasgow outbreak**

Dr Erica Peters, Consultant in Infectious Diseases, Queen Elizabeth University Hospital, Glasgow

\* epidemiology of outbreak \* contributory factors \* public health response

**10:30 Adolescence and its challenges**

Dr Laura Jones, Consultant Paediatrician, Royal Hospital for Sick Children, Edinburgh

\* transition Of children to adult services with long-term health conditions; \* congenital vs acquired HIV infection \* the challenges of treating adolescents

**11:00 Break 1**

**Session 2 - "It is not difficult to make microbes resistant to penicillin ...." Alexander Fleming Nobel Laureate Lecture 1945**

Chair: Dr Andrew Seaton, Consultant in Infectious Diseases, Queen Elizabeth University Hospital, Glasgow

**11:30 Antimicrobial resistance (AMR): behaviour change interventions - can they make a difference?**

Dr Timothy Rawson, Clinical Research Fellow, Imperial College London

\* prevalence of antimicrobial use \* influence of human health and prescribing on AMR \* behaviour change to support improved prescribing \* influence of AMS interventions on AMR

**12:00 DR ELLA PRINGLE LECTURE**

Chair: Professor Derek Bell OBE, President, Royal College of Physicians of Edinburgh

**The state of the world's antibiotics in 2018**

Professor Ramanan Laxminarayan, Director, Centre for Diseases Dynamics,

Economics and Policy, Washington DC, USA

**12:45 Break 2**

**Session 3 - "There is no cure that does not have its price" Kenyan Proverb**

Chair: Dr Rebecca Sutherland, Consultant in Infectious Diseases, Western General Hospital, Edinburgh

**13:30 Ebola treatment: working in the dark under the spotlight**

Sir Michael Jacobs, Consultant in Infectious Diseases, Royal Free London NHS Foundation Trust

\* experimental treatment for ebola \* ethical considerations \* preparing for future outbreaks

**14:00 HIV cure - fundamental need or research fantasy?**

Professor John Frater, Professor of Infectious Diseases, University of Oxford

\* anti-retrovirals as the solution to HIV management \* the role of the persistent proviral reservoir \*future options

**14:30 Break 3**

**Session 4 - "Progress occurs where truths are questioned" Aniekee Tochukwu Eziekiel  
What's new in .....**

Chair: Dr Daire O'Shea, Consultant in Infectious Diseases, Western General Hospital, Edinburgh

**14:55 Tuberculosis (TB) epidemiology and diagnosis**

Dr Timothy Walker, Academic Clinical Lecturer, University of Oxford

\* current UK and global epidemiology \* new prospects for improved diagnostics; \*multi-drug-resistant TB

**15:25 Fungal infections - cases**

Dr Eavan Muldoon, Consultant in Infectious Diseases, Mater Misericordiae University Hospital, Dublin

\* current overview of epidemiology \* case studies; \*future developments

**15:55 Implantable cardiac electronic device infections**

Dr Jonathan Sandoe, Associate Clinical Professor of Microbiology, University of Leeds and Leeds Teaching Hospitals

\* clinical cases \*changing guidelines

**16:25 End**