

2019 ANNUAL LECTURE AND MINISYMPOSIUM

THURSDAY 24 OCTOBER 2019

1.00pm - 5.00pm
The Royal College of Pathologists
6 Alie Street
London E1 8QT

Programme

1.00pm	Arrival, tea / coffee. View poster presentations - details can be found at the end of this programme
1.55pm	Attendees take seats. Welcome and introduction by Professor Colin Garner, Chief Executive
2.00 - 2.15pm	Antibiotic usage on dairy farms in GB: improving data capture and exploring drivers <i>Camilla Strang, Lucy Brunton and Pablo Alarcon, Royal Veterinary College, University of London</i>
2.15 - 2.20pm	Film - Antibiotic Research UK: the first five years
2.20 - 2.35pm	Arlene Brailey, ANTRUK's Patient Support Officer talking about her role and responsibilities
2.35 - 2.50pm	Does prophylactic azithromycin induce macrolide resistance in children with protracted bacterial bronchitis? <i>Simon Hardman, Kelechi Ugonna, Fiona Shackley, Michael Brockhurst, Evangelos Kritsotakis and Alison Condliffe, University of Sheffield</i>
2.50 - 3.50pm	Understanding One Health Approaches to AMR: Dream or Scream? Professor Tim Walsh, School of Medicine, Cardiff University
3.50 - 4.05pm	Infections causing deaths on UK neonatal units <i>Eva Galiza, Christina Kortsali Oudaki and Paul Heath, St Georges, London</i>
4.05 - 4.15pm	A few words on the occasion of the retirement of Chair of Trustees Ashley Burgess, OBE
4.15 - 4.30pm	Closing remarks - Professor Colin Garner
4.30 - 5.00pm	Tea / coffee
5.00 - 5.30pm	Annual General Meeting - all are free to attend but only Members can vote

POSTER PRESENTATIONS

NAME	CO AUTHOR(S)	AFFILIATION	POSTER TITLE
Eric Budgell		John Radcliffe Hospital University of Oxford	The impact of reduced antibiotic use in hospital settings: an observational analysis of electronic health records and a novel application of causal statistical methods.
Alice Tompson	Clare Chandler, Ana Mateus and David Brodbelt	School of Hygiene and Tropical Medicine London	Antibiotic use in cats and dogs: a qualitative study of pet owners' experiences
Oliver Van Hecke		University of Oxford	Parents' perceptions of antibiotic use and antibiotic resistance (PAUSE): a qualitative interview study
David Wareham	M H F Abdul Momin, Lynette M Phee, Michael Hornsey and Antibiotic Research UK (ANTRUK)	Queen Mary's, London	Cefepime / Sulbactam as an Enhanced Antimicrobial Combination Therapy for the Treatment of Multi-drug Resistant Gram-negative Infections.
Mark Sutton	Charlotte K Hind, Christopher G Dowson, J. Mark Sutton, Thomas Jackson, Melanie Clifford, R. Colin Garner and Lloyd Czaplewski	PHE, Porton and ANTRUK Science Committee members	Evaluation of a library of FDA-approved drugs for their ability to potentiate antibiotics against multidrug resistant Gram-negative pathogens
Julia Hubbard	Ian Hardcastle	Northern Institute for Cancer Research Newcastle	Enabling structure based drug discovery on the outer membrane protein LptDE

About this year's lecturer, Professor Tim Walsh, School of Medicine, Cardiff University

Prof. Tim Walsh has been studying AMR mechanisms for over 20 years, has published over 310 papers and publishes regularly in Nature and Lancet journals. He is director of BARNARDS, the lead Gates Foundation project on AMR, examining the burden of neonatal sepsis in Pakistan, India, Bangladesh, Rwanda, South Africa, Nigeria (Abuja and Kano) and Ethiopia. This project thus far has enrolled 36,000 mothers and analysed 2600 sepsis cases.

He is also PI of DETER-XDR-CHINA, a study examining the spread and burden of AMR in public health sectors and hospitals in 30 provinces in China. He holds an honorary chair at the Chinese Agricultural University and is an AMR advisor to the Chinese Government and was pivotal in the decision for the Chinese government to ban the use of colistin on farms. He is also PI of CUT-SEC, a ‘one-health” project in China and Thailand.

He has also recently been awarded an MRC grant to establish an AMR surveillance system throughout Vietnam in collaboration with Oxford University and the Wellcome Trust Center in Hanoi. In addition to BARNARDS, he also has AMR studies in Karachi and Peshawar and has collaborative studies with MSF in Jijawa (Nigeria), Niger (Clean Kids Study) and has facilitated the design and construction of the MSF Microbiology/AMR lab in Jordan/Syria. His lab provides molecular support for the Russian Federation Reference Laboratory in AMR surveillance that covers Russia, Belarus and Kazakhstan. He also has clinical studies examining the burden of AMR in the community and hospitals San Paolo (Brazil), Phitsanulok (Thailand) and Tanta (Egypt).

Tim has also been appointed as the lead microbiologist to the Fleming Fund expert advisory panel – a £265M AMR capacity building program and is country lead for scoping and implementation in Nigeria, Pakistan and Bangladesh. He is also advisor to the UN AMR committee, Chinese CDC and MSF.

About last year’s 2018 ANTRUK Small Research Grant award presenters

Abstracts will be incorporated into the final programme.