

## UK-India symposium on antimicrobial resistance

**Date: 4 (8:30-19:30) and 5 (8:30-17:00) February 2019**

**Location: The Hallam Conference Centre, 44 Hallam Street, London, UK**

### Day 1:

<b>08:30-09:00</b>	<b>Registration</b>
<b>09:00-09:15</b>	<b>Welcome and introductions</b> <i>Professor Robert Lechler –President, Academy Medical Sciences and Dr Jaideep Gogtay, Global Chief Medical Officer, Cipla Ltd</i>
<b>09:15-10:00</b>	<b>Keynote presentation – Challenges in the global fight against AMR</b> <i>Speaker: TBC</i>  This presentation will set out the global challenge of AMR and the breadth of sectors involved in tackling the issue across the environment, and both human and animal health.
<b>10:00-10:30</b>	<b>The challenge in the UK and India</b> <i>Speakers: Professor Dame Sally Davies, Chief Medical Adviser to the UK Government and Professor Krishnaswamy VijayRaghavan, Principal Scientific Adviser to the Government of India.</i>  The speakers will outline the state of play in each country, including what actions each country has already taken and where they think the biggest challenges still lie.
<b>10:30-11:00</b>	<b>Refreshment break</b>
<b>11:00-12:30</b>	<b>Session 1: The extent of the problem and how to measure progress</b> <i>Chair: TBC</i> <i>Panellists: Dr Kamini Walia (Indian Council of Medical Research), Professor Susie Dunachie (University of Oxford), Professor Ramanan Laxminarayan (Center for Disease Dynamics, Economics &amp; Policy), Professor Sharon Peacock (University of Cambridge) and Dr Liz Tayler (World health Organization)</i>  This session will focus on how the levels of AMR are measured in humans, animals and the environment, at global, national, and regional levels. The session will also explore how to measure progress in reducing AMR, and what success will look like. The session will also reflect on how to assess the extent of AMR in both high and low-resource settings.
<b>12:30-13:30</b>	<b>Lunch</b>
<b>13:30-15:00</b>	<b>Session 2: How resistance develops and how to reduce it</b> <i>Chair: Professor Asad Khan</i> <i>Panellists: Professor Timothy Walsh (Cardiff University), Dr Mark Holmes (University of Cambridge), Professor Syma Khalid (University of Southampton) and Professor Sandhya Visweswariah (Indian Institute of Science)</i> This session will focus on what is known about the basic biology of how resistance develops and how this can inform the treatment of animals in food production, prescribing practices, and interactions with the environment, including wild animals and computational algorithms to predict resistance.
<b>15:00-15:30</b>	<b>Refreshment break</b>

<b>15:30-17:00</b>	<p><b>Session 3: Minimising antimicrobial use while maintaining essential access: preventing infection</b></p> <p><i>Chair: TBC</i></p> <p><i>Panellists: Dr Sanjeev Singh (Amrita Institute of Medical Sciences), Dr Osman Dar (Chatham House), Professor Alison Holmes (Imperial College London) and two more panellists TBC</i></p> <p>This session will explore the most effective ways to prevent infections spreading in environmental, animal, and human contexts. As such, this session will explore how to prevent infections arising from known sources such as hygiene facilities, effluent discharge from hospitals and factories, and how to prevent hospital-acquired infections. This session will also focus on the use of vaccines to reduce the number of infections and use of antibiotics.</p>
<b>17:00-17:15</b>	<p><b>Wrap up session</b></p> <p><i>Chair: Chair of Steering Group – Professor David Heymann</i></p> <p>Summary of the day and invitation to network during the evening session.</p>
<b>17:15-17:30</b>	<b>Break</b>
<b>17:30-18:00</b>	<p><b>Evening keynote presentation</b></p> <p><i>Speaker: Dr Soumya Swaminathan (TBC), Deputy Director-General for Programmes, WHO</i></p>
<b>18:00-19:00</b>	<p><b>Evening networking session</b></p> <p><i>Refreshments and canapés provided.</i></p>

## Day 2:

<b>08:30-09:00</b>	<b>Registration</b>
<b>09:00-09:10</b>	<b>Welcome</b> <i>Chair: Chair of the Steering Group –Professor David Heymann</i> Summary of day one and introduction of the aims of day two.
<b>09:10-11.00</b>	<b>Session 4: Minimising antimicrobial use while maintaining essential access: optimising currently available interventions</b> <i>Chair: TBC</i> <i>Panellists: Professor Roger Jeffery (University of Edinburgh), Professor Claire Heffernan (Royal Veterinary College), with 2-3 panellists TBC</i>  This session will cover how to ensure that current interventions designed to treat infections are used effectively and responsibly, and that antimicrobial access and provision is appropriate. This will include topics as rapid diagnostics and precision prescribing practices to ensure that antimicrobials are only used when necessary in clinical settings. It will also reflect on current food production practices, the use of antibiotics in growth promotion and how best to prevent zoonotic diseases.  This session will also explore how antimicrobials are accessed in both the UK and India, and discuss prescribing practices, clinician attitudes to antimicrobial use, patient behaviour and expectations, public awareness campaigns, and stewardship.
<b>11.00-11.30</b>	<b>Refreshment break</b>
<b>11.30-12.00</b>	<b>Plenary session</b> <i>Speaker: Lord Jim O'Neill (Chatham House)</i>
<b>12:00-13:30</b>	<b>Breakout sessions</b> <i>Chair: Professor David Heymann</i> <i>Facilitators: Session Chairs and rapporteurs for each breakout</i>  Five breakouts: <ol style="list-style-type: none"> <li>1. Surveillance and monitoring</li> <li>2. Reducing resistance development</li> <li>3. Preventing infection</li> <li>4. Optimising current interventions</li> </ol> Each break-out session will draw on the relevant discussion session and is chaired by the session Chair. Each group is tasked with identifying the biggest challenges for that topic and discussing what could be achieved in the next two years to progress each challenge.
<b>13:30-14:30</b>	<b>Lunch</b>
<b>14:30-15:45</b>	<b>Feedback from the breakouts and next steps</b> The rapporteur from each session presents back the challenges and actions for focus from each breakout (10mins each).
<b>15.45-16.30</b>	<b>Summary and Closing Session</b> Summary of the conference and the areas that have been identified as those that should be focussed on for action before the next conference.
<b>17:00</b>	<b>End</b>