

## 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>09:00-09:20</b>	<b>Welcome and introductions</b> <i>Welcome Speakers: Professor Robert Lechler –President of the Academy of Medical Sciences and Dr Gogtay from the Yusuf Hamied Foundation (5 min)</i> <i>Meeting Introduction: Professor David Heymann- Chair of the Steering Group (15 min)</i>
<b>9:20-10:00</b>	<b>The challenge in the UK and India</b> <i>Speakers (20 min each):</i> <ul style="list-style-type: none"> <li>• Professor Dame Sally Davies, Chief Medical Adviser to the UK Government</li> <li>• Professor Krishnaswamy VijayRaghavan, Principal Scientific Adviser to the Government of India</li> </ul> <p>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.</p>
<b>10:00-10:30</b>	<b>Refreshment break</b>
<b>10:30-12:00</b>	<b>Session 1: The extent of the problem and how to measure progress</b> <b>Chair: TBC</b> <i>Panellists - 10 mins each followed by Q&amp;A:</i> <ul style="list-style-type: none"> <li>• Dr Kamini Walia (Indian Council of Medical Research)</li> <li>• Professor Susie Dunachie (University of Oxford)</li> <li>• Professor Ramanan Laxminarayan (Center for Disease Dynamics, Economics &amp; Policy)</li> <li>• Professor Sharon Peacock (University of Cambridge)</li> <li>• Dr Liz Tayler (World health Organization)</li> </ul> <p>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.</p>
<b>12:00-13:00</b>	<b>Lunch</b>
<b>13:00-14:30</b>	<b>Session 2: How resistance develops and how to reduce it</b> <i>Chair: Professor Asad Khan</i> <i>Panellists - 10 mins each followed by Q&amp;A:</i> <ul style="list-style-type: none"> <li>• Dr Abdul Ghafur (Chennai declaration on AMR)</li> <li>• Professor Timothy Walsh (Cardiff University)</li> <li>• Dr Mark Holmes (University of Cambridge)</li> <li>• Professor Syma Khalid (University of Southampton)</li> <li>• Professor Sandhya Visweswariah (Indian Institute of Science)</li> </ul>

	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>14:30-15:00</b>	<b>Refreshment break</b>
<b>15:00-16:30</b>	<p><b>Session 3 Minimising antimicrobial use while maintaining essential access: preventing infection</b></p> <p><b>Chair: TBC</b></p> <p><i>Panellists - 10 mins each followed by Q&amp;A:</i></p> <ul style="list-style-type: none"> <li>• <i>Dr Sanjeev Singh (Amrita Institute of Medical Sciences)</i></li> <li>• <i>Dr Osman Dar (Chatham House)</i></li> <li>• <i>Professor Alison Holmes (Imperial College London)</i></li> <li>• <i>Dr Rajesh Bhatia (Food and Agriculture Organization)</i></li> <li>• <i>Mike Whelan (Coalition for Epidemic Preparedness Innovations)</i></li> </ul> <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>16:30-16:45</b>	<p><b>Wrap up session</b></p> <p><i>Chair: Chair of Steering Group – David Heymann</i></p> <p>Summary of the day and invitation to network during the evening session.</p>
<b>16:45-17:15</b>	<b>Break</b>
<b>17:15-18:00</b>	<p><b>Evening keynote presentation</b></p> <p><i>Speaker: Dr Soumya Swaminathan (TBC), Deputy Director-General for Programmes, WHO</i></p>
<b>18:00-19:30</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>09:00-09:15</b>	<b>Welcome</b> <i>Chair: Chair of the Steering Group - David Heymann</i> Summary of day one and introduction of the aims of day two.
<b>09:15-10:45</b>	<b>Session 4 Minimising antimicrobial use while maintaining essential access: optimising currently available interventions</b> <b>Chair: TBC</b> <i>Panellists - 10 mins each followed by Q&amp;A:</i> <ul style="list-style-type: none"> <li>• Professor Roger Jeffery (University of Edinburgh)</li> <li>• Professor Claire Heffernan (Royal Veterinary College)</li> <li>• Dr Nusrat Shafiq (Postgraduate Institute of Medical Education and Research)</li> <li>• Professor Helen Lambert (University of Bristol)</li> </ul> <p>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.</p>
<b>10:45-11:15</b>	<b>Refreshment break</b>
<b>11:15-11:45</b>	<b>Keynote presentation</b> <i>Speaker: Lord Jim O'Neill, Chair, Chatham House</i>
<b>11:45-12:45</b>	<b>Spark session- Collaboration in practice</b> <b>Chair: TBC</b> <i>Speakers- 10 min each:</i> <ul style="list-style-type: none"> <li>• Professor Seshadri Vasan (Public Health England)</li> <li>• Dr Ghada Zoubiane (Wellcome Trust)</li> <li>• Ruth Neale (Nesta)</li> <li>• Naomi Beaumont (UKRI)</li> <li>• Further speakers TBC</li> </ul> <p>This session will provide an opportunity for invited organisations to share their examples of establishing collaborations between India and the UK, highlighting any successes and challenges.</p> <p>There will be 6 presentations about 5-10 minutes in length. Participants are encouraged to visit the organisations stalls during lunch.</p>
<b>12:45-14:00</b>	<b>Lunch</b>
<b>14:00-15:15</b>	<b>Breakout sessions</b> <b>Chair: TBC</b> <i>Facilitators: Session Chairs and rapporteurs for each breakout</i>

	<p>Four breakouts:</p> <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> <p>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.</p>
<b>15:15-16:30</b>	<p><b>Feedback from the breakouts and next steps</b></p> <p>The rapporteur from each session presents back the challenges and actions for focus from each breakout (10-15 mins each).</p>
<b>16:30-17:00</b>	<p><b>Summary and Closing Session</b></p> <p>Summary of the conference and the areas that have been identified as those that should be focussed on for action before the next conference.</p>
<b>17:00</b>	<b>End</b>