National Antimicrobial Resistance and Stewardship Forum 2018
Friday, 2 November 2018

2018 SYMPOSIUM

Venue: Arts West Building, University of Melbourne, via 30 Royal Parade, Parkville

 Registrations
Time: 8:00-8:40

Welcome and introduction
Time: 8:40-9:00
Speakers: Prof. Karin Thursky, Prof. Brendan Murphy

Keynote 1
Time: 9:00-9:50
The key challenges of antimicrobial resistance and antimicrobial stewardship internationally
Speaker: Prof. Marc Mendelson

Keynote 2
Time: 9:50-10:40
No magic bullets: Will One Health save us? The challenges and politics of antimicrobial stewardship
Speaker: Prof. John Prescott

Forum sponsors:
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<tr>
<th>Time</th>
<th>Session 1A: Dosing</th>
<th>Session 1B: Community</th>
<th>Session 1C: Supporting behaviour change</th>
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<tr>
<td>Time: 11:00-11:50</td>
<td>Session chair: Dr. Krispin Hajkowicz</td>
<td>Session chair: A/Prof. Kirsty Buising</td>
<td>Session chair: A/Prof. Mark Davis</td>
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<tr>
<td>The role of microsampling in minimising the emergence of superbugs in big and little people</td>
<td>Challenges of antimicrobial prescribing in general practice</td>
<td>What is the role of the social in preventing/enacting change in antibiotic use?</td>
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<tr>
<td>Speaker: Dr. Suzanne Parker</td>
<td>Speaker: Prof. Danielle Mazza</td>
<td>Speaker: Prof. Alex Broom</td>
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<td>What new data can we use for dose optimisation for special patient populations?</td>
<td>Interventions in the community: an international perspective</td>
<td>The challenges of antimicrobial stewardship in the aged care setting</td>
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<td>Speaker: Dr. Menino (Os) Cotta</td>
<td>Speaker: Prof. Mieke van Driel</td>
<td>Speaker: A/Prof. Rhonda Stuart</td>
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<tr>
<th>Time: 12:00-1:15</th>
<th>Session 2A: Hospitals</th>
<th>Session 2B: Genomics</th>
<th>Session 2C: Veterinary</th>
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<tr>
<td>Session chair: Prof. Karin Thursky</td>
<td>Session chair: Dr. Rodney James</td>
<td>Session chair: Prof. Glenn Browning</td>
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<td>The key role of infection prevention and hand hygiene</td>
<td>Genomics: key advances at the coalface (public health and clinical interfaces)</td>
<td>Antimicrobial use surveillance: challenges and opportunities in the veterinary sector</td>
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<td>Speaker: Prof. Lindsay Grayson</td>
<td>Speaker: Prof. Ben Howden</td>
<td>Speaker: Dr. Kirsten Bailey</td>
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<td>Fungal infections: the forgotten pathogen</td>
<td>The practical application of metagenomics to the rapid diagnosis of bacterial infection: a clinical perspective</td>
<td>Personal infection control practices of veterinarians and veterinary nurses in Australia</td>
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<td>Speaker: Prof. Monica Slavin</td>
<td>Speaker: Dr. Krispin Hajkowicz</td>
<td>Speaker: Dr. Angela Willemsen</td>
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<td>Approaches to antibiotic allergies in vulnerable hosts</td>
<td>What can microbiome studies tell us about AMR?</td>
<td>Comparing apples with oranges</td>
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<td>Speaker: Dr. Jason Trubiano</td>
<td>Speaker: Prof. Geraint Rogers</td>
<td>Speaker: Dr. Helen Crabb</td>
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### Panel 1

**What is the vision for coordinated surveillance and delivery?: a lunchtime panel with jurisdictional leaders**

**Time:** 2:00-2:40

Session chairs: Prof. Karin Thursky, A/Prof. Kirsty Buising

**Speakers:** Prof. Brendan Murphy, A/Prof. Leon Worth, Dr. Krispin Hajkowicz, Dr. Kathryn Daveson, A/Prof. Penelope Bryant, Dr. Tara Anderson, Dr. Kylie McIntosh, Ms. Lolita Tu, Mr. Matt Rawlins, Dr. Danny Tsai and Dr. Morgyn Warner

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<th>Session 3A: Systems and tools</th>
<th>Session 3B: Discovery</th>
<th>Session 3C: Special populations</th>
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<td><strong>Time:</strong> 2:45-4:00</td>
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<td><strong>Session chair:</strong> A/Prof. Leon Worth</td>
<td><strong>Session chair:</strong> Dr. David Kong</td>
<td><strong>Session chair:</strong> A/Prof. Caroline Marshall</td>
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**Optimal use of diagnostics to support better prescribing**

**Speaker:** A/Prof. Susan Benson

**The central role of the laboratory in antimicrobial resistance surveillance**

**Speaker:** Dr. Norelle Sherry

**AMS and e-health: the use of information technology tools for antimicrobial stewardship**

**Speaker:** Prof. Karin Thursky

**Antibiotic resistance: the perfect storm**

**Speaker:** A/Prof. Tony Velkov

**The antibiotic pipeline**

**Speaker:** Dr. Mark Blaskovich

**Developing antimicrobial nanomaterials**

**Speaker:** A/Prof. Andrea O’Connor

**What about the children?**

**Speaker:** A/Prof. Penelope Bryant

**The challenges of AMR and AMS in remote Aboriginal communities**

**Speaker:** A/Prof. Steve Tong

**Supporting rural and regional prescribers: antibiotic optimisation in ‘the bush’**

**Speaker:** Dr. Minyon Avent

### Break

**Time:** 4:00-4:15

### Panel 2

**Is there a problem with antimicrobial use in animals in Australia?**

**Time:** 4:15-5:15

**Session chair:** Prof. James Gilkerson

**Speakers:** Dr. Mark Schipp, Prof. John Turnidge, Dr. Ross Cutler, A/Prof. Jacqui Norris and Prof. Mary Barton

**Conclusion and thanks**

**Time:** 5:15-5:20