



One Health Antimicrobial Stewardship Conference

Alberta 2021

March 10-12, 2021

<https://ohab.ca/one-health-2021/>

Hosted by the Alberta Veterinary Medical Association



GENERAL INFORMATION

The theme for this conference is One Health opportunities for antimicrobial stewardship in animals, humans and the environment and will feature three half day live virtual sessions with expert presentations, live virtual trainee research abstract presentations, and recorded research abstract presentations.

This conference is hosted through a grant funded by Alberta Agriculture and Forestry, and is being offered virtually, March 10-12, 2021. All sessions are in Mountain Standard Time (MST).

All presentations will be recorded, and will be available to attendees on-demand for one month following the conference (until April 9, 2021).

Conference registration is complimentary and includes access to all three days. Registration closes: Friday, March 5, 2021.

CE certificates will be provided to attendees for live attendance only. On-demand viewing of the sessions after the event does not qualify for CE.

Session attendance reports will be used to confirm attendance in order to issue CE certificates accurately following the conference. Each day qualifies for four hours of approved CE credit for veterinarians and veterinary technologists. Please contact the ABVMA if you have questions.

For detailed session descriptions, speaker biographies and more, please visit:
<https://ohab.ca/one-health-2021/>

Thank you to our program planning committee members from:

Alberta Agriculture and Forestry, Alberta Health, College of Physicians and Surgeons of Alberta, University of Alberta School of Public Health and Faculty of Medicine and Dentistry, University of Calgary, Faculty of Veterinary Medicine, Antimicrobial Resistance-One Health Consortium, One Health at UCalgary

Thank you to our partners:



National Collaborating Centre
for Infectious Diseases

Centre de collaboration nationale
des maladies infectieuses

SCHEDULE AT A GLANCE

WEDNESDAY, MARCH 10, 2021

Session #1

Antimicrobial Stewardship—the Big Picture

| TIME | TOPIC | SPEAKER |
|-------------------------|--|--|
| 8-8:05 a.m. | Introduction and Opening Remarks | Dr. Simon Otto, University of Alberta |
| 8:10-8:30 a.m. | Welcome from the Government of Alberta | |
| 8:30-9 a.m. | Keynote - Challenging Assumptions for Antimicrobial Stewardship for Human and Animal Health | Dr. Morgan Scott, Texas A & M University |
| 9-9:30 a.m. | CCCA Report on AMR in Canada: Socioeconomic Case for Stewardship | Dr. David Patrick, BC Centre for Disease Control |
| 9:30-10 a.m. | Alberta's AMR Strategy | Dr. Keith Lehman, Alberta Agriculture & Forestry |
| 10-10:15 a.m. | Pan-Canadian AMR Action Plan | Dr. Howard Njoo, Public Health Agency of Canada |
| 10:15-10:30 a.m. | Break | |
| 10:30-11 a.m. | Stewardship: the Big Picture - The Environmental Dimension of Antibiotic Resistance and its Mobilization | Dr. Chris Yost, University of Regina |
| 11 a.m.-12 p.m. | Questions & Panel Discussion | All presenters. Moderator: Dr. Simon Otto |
| 12-1 p.m. | Trainee Presentations | |
| 1 p.m. | Wrap Up | Dr. Simon Otto, University of Alberta |

SCHEDULE AT A GLANCE

| THURSDAY, MARCH 11, 2021 Session #2 Antimicrobial Stewardship Challenges | | |
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| TIME | TOPIC | SPEAKER |
| 8-8:05 a.m. | Introduction & Recap from Day 1 | Dr. Simon Otto, University of Alberta |
| 8:05-8:15 a.m. | Welcome from the Government of Alberta | |
| 8:15-10 a.m. | Rapid fire: Stewardship Challenges from Specific Sectors – Challenging the Status Quo 1. Removing Barriers to Antimicrobial Stewardship in Companion Animal Medicine (8:15-8:30 a.m.) 2. Dairy Selective Dry Cow Tx (8:30-8:45 a.m.) 3. Opportunities and Barriers for Stewardship in the Swine Industry (8:45-9 a.m.) 4. Responsible Antibiotic Use: Chicken Farmers of Canada’s Strategy (9-9:15 a.m.) 5. Equine Practice (9:15-9:30 a.m.) 6. The opportunities and barriers for antimicrobial stewardship in the Salmon farming industry (9:30-9:45 a.m.) 7. Current and future options for Improved antimicrobial stewardship in the Beef industry for BRD and liver abscess management (9:45-10 a.m.) | 1. Dr. Emily Feyes, Ohio State University, College of Veterinary Medicine 2. Dr. Kayley McCubbin, University of Calgary, Faculty of Veterinary Medicine 3. Dr. Egan Brockhoff, Canadian Pork Council 4. Steve Leech, Chicken Farmers of Canada 5. Dr. Gillian Haanen, Moore Equine 6. Dr. Patrick Whittaker, Grieg Seafood 7. Dr. Guillaume Lhermie, University of Calgary, Faculty of Veterinary Medicine |
| 10-10:15 a.m. | Break | |
| 10:15 a.m.-12 p.m. | Rapid fire: Stewardship Challenges from Specific Sectors – Challenging the Status Quo (<i>continued</i>) 1. Diagnostic and Treatment, UTI Stewardship (10:15-10:30 a.m.) 2. Long Term Care UTI Stewardship (10:30-10:45 a.m.) 3. Human Hospital Stewardship (10:45-11 a.m.) 4. Barriers for antimicrobial stewardship in primary care for human health (11-11:15 a.m.) 5. Antibiotics – Translating data for action (11:15-11:30 a.m.) 6. Do Bugs Need Drugs (11:30-11:45 a.m.) 7. Human Pharmacy (11:45 a.m.-12 p.m.) | 1. Darren Pasay, Alberta Health Services, Pharmacy Services 2. Dr. Patrick Quail, Alberta Health Services 3. Dr. Miranda So, University Health Network 4. Dr. Kevin Schwartz, Public Health Ontario 5. Fizza Gilani, College of Physicians and Surgeons of Alberta 6. Simon Habegger, Alberta Health Services 7. Margaret Gray, Alberta Health Services, Pharmacy Services |
| 12-1 p.m. | Trainee Presentations | |
| 1 p.m. | Wrap up | Dr. Simon Otto, University of Alberta |

SCHEDULE AT A GLANCE

| FRIDAY, MARCH 12, 2021 | | |
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| Session #3 | | |
| The Vision for Antimicrobial Stewardship: How Do We Move Forward? | | |
| TIME | TOPIC | SPEAKER |
| 8-8:05 a.m. | Introduction & Recap from Day 2 | Dr. Simon Otto, University of Alberta |
| 8:05-8:15 a.m. | Welcome from the Government of Alberta | |
| 8:15-9:15 a.m. | <p>Social Science - How Do We Influence People to Change?</p> <ol style="list-style-type: none"> 1. Social Science - How do we influence people in livestock production to change? Systems and individual barriers and enablers (8:15-8:45 a.m.) 2. Individual barriers - What makes us tick: Psychosocial drivers for antimicrobial prescribing behaviour (8:45-9:15 a.m.) | <ol style="list-style-type: none"> 1. Dr. Ellen Goddard, University of Alberta 2. Dr. Cora-Mihaela Constantinescu, Alberta Children's Hospital |
| 9:15-10:15 a.m. | <p>What is the Vision for Antimicrobial Stewardship?</p> <ol style="list-style-type: none"> 1. International perspective on stewardship in Animal Health (9:15-9:45 a.m.) 2. Pharmaceutical industry (9:45-10:15 a.m.) | <ol style="list-style-type: none"> 1. Dr. Sarah Thompson, Canadian Food Inspection Agency 2. Dr. Robert Tremblay, Boehringer-Ingelheim |
| 10:15-10:30 a.m. | Break | |
| 10:30-11:30 a.m. | <p>What is the Vision for Antimicrobial Stewardship? (continued)</p> <ol style="list-style-type: none"> 1. Environment (10:30-11 a.m.) 2. What is the vision for antimicrobial stewardship in Human Medicine: Disruption, Growth and Progress (11-11:30 a.m.) | <ol style="list-style-type: none"> 1. Dr. Meghan Frost-Davis, Johns Hopkins Bloomberg School of Public Health 2. Dr. Lynora Saxinger, Alberta Health Services |
| 11:30 a.m.-12:30 p.m. | Panel Discussion - What is the Vision for Antimicrobial Stewardship? | All presenters. Moderator: Dr. Herman Barkema |
| 12:30 p.m. | Conference Closing Remarks | Dr. Simon Otto, University of Alberta |