



AMR – One Health Consortium
Antimicrobials for Lunch Series
Agenda

Due to the COVID-19 pandemic, the 2nd Annual retreat for the AMR – One Health Consortium will now be held in a new multi-day virtual format.

One of the most important parts of this retreat is presentation updates on the Consortium projects. These project presentations will be conducted over 9 sessions in the fall:

- There will be three project presentations per session: 10 minutes for each live project presentation update + 5-10 minutes Q & A (15 minutes buffer time)

Session #1

Friday, October 16, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 1B: Drug discovery: from antivirals to antibiotics?	Matthias Gotte
12:15-12:30 pm	Project 3C: Molecular Epidemiology of Antimicrobial Resistance in Enterococcus from Poultry, Cattle, Humans, and the Environment	Sylvia Checkley
12:30-12:45 pm	Project 5A: Development of Spectrum DVM: an iOS and Android “App” for veterinary stewardship – WHO Essential Antibacterials “App” Development – Development of a tele-stewardship platform for healthcare and veterinary prescribers	John Conly

Session #2

Wednesday, October 21, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 5B: Health impacts of optimized pre-conditioning in beef cattle	Karin Orsel
12:15-12:30 pm	Project 10B: Economics of reduced AMU in swine and beef cattle	Ellen Goddard
12:30-12:45 pm	Project 9A: A Bayesian Network Model to Explore Management Options for Environmental AMR Control (PI: Nick Ashbolt)	Qiaozhi Li

Session #3

Friday, October 23, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 3B: Human exposure to and risk from antimicrobial resistant <i>Campylobacter</i> , <i>Enterococcus</i> and ESBL <i>E. coli</i> : A farm-to-fork assessment	Simon Otto
12:15-12:30 pm	Project 4C: Reducing AMU by selecting for animals more resilient to infectious disease	Graham Plastow
12:30-12:45 pm	Project 4B: Glycopeptides as an anti-adhesive agent	Jianping Wu

Session #4

Friday, October 30, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 8A: AMR and the law	Lorian Hardcastle
12:15-12:45 pm	Project 2C: Development of antimicrobial therapeutics from the natural products of microbiomes	Kathy McCoy and Joe Harrison

Session #5

Wednesday, November 4, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 1A: Validation of novel targets	Amit Bhavsar
12:15-12:30 pm	Project 7A: Identification of sociotechnical system elements to inform knowledge products and Internet of Things (IoT) innovations	Johanna Blaak
12:30-12:45 pm	Project 8C: <i>Clostridioides difficile</i> near-patient testing vs. centralized laboratory testing: A cluster randomized trial	Dylan Pillai

Session #6

Friday, November 6, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 6B: Improving antibiotic stewardship in primary care clinics: A co-design approach	Myles Leslie
12:15-12:30 pm	Project 3A: Investigation of AMR spread via MGEs and developing machine learning biotools for quantitative AMR level prediction	Tim McAllister & Athanasios Zovolis

12:30-12:45 pm	Project 6A: Reducing inappropriate antibiotic prescribing in emergency departments and in primary care settings in Alberta	Joan Robinson
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Session #7

Friday, November 13, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 10A: Decolonization for <i>Staphylococcus aureus</i> prior to hip and knee replacement in Alberta (PI:Elissa Rennert-May)	Jenine Leal
12:15-12:30 pm	Project 10C: A cost analysis of the effectiveness of rapid identification and susceptibility testing of positive blood cultures (PI: Dan Gregson)	Kwadwo Mponponsuo
12:30-12:45 pm	Project 8B: Canada's role in supporting antibiotic R&D Project 8D: Aligning industry incentives with AMR control goals: Exploring the feasibility of an antibiotic susceptibility bonus for drugs to treat Gram-negative infections	Aidan Hollis

Session #8

Wednesday, November 18, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 3E: Development of a single human AMR antibiogram for Alberta	Tanis Dingle
12:15-12:30 pm	Project 3D: Lineage analysis of clinical isolates of <i>Mycobacterium tuberculosis</i> in Alberta	Greg Tyrrell
12:30-12:45 pm	Project 4D: Identification of novel Group B streptococcal proteins associated with virulenc Project 4E: Understanding the epidemiology of invasive StrepA in Alberta leading to the development of novel therapeutic and prevention strategies	Greg Tyrrell

Session #9

Friday, November 20, 2020 – 12:00-1:00 pm

Time	Topic	Presenter
12:00-12:15 pm	Project 2B: Gut innate immunity across microbiome differences during infectious colitis and immunomodulatory therapeutics in pigs	Eduardo Cobo

12:15-12:30 pm	Project 4A: Does antibiotic use and wastewater treatment encourage the development of antimicrobial resistance?	Lee Jackson
12:30-12:45 pm	Project 2A: BLOOM-Antimicrobial Resistance: Impacts of antimicrobials on the health of Albertan Infants	Laura Sycuro