Objectives and Expected Outcomes

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www.ars.usda.gov/alternativesstoantibiotics
International Alliance for Biological Standardization

- Scientific Society established in 1955
- Headquartered in Switzerland
- Recognized by the WHO (World Health Organization) and by the OIE (Organisation Mondiale de la Santé Animale - World Organization for Animal Health) as an official Non-governmental Organization (NGO).

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The objectives of this symposium is to highlight promising research results and novel technologies that provide alternatives to antibiotics, assess challenges associated with their commercialization and use, and provide actionable strategies to support their development.
LOCAL ORGANIZING COMMITTEE

- Michel Lombard, IABS
- Abbie Charlet, IABS
- Daniel Chaisemartin, OIE
- Bertrand Flahault, OIE
- Calvin Pohl, Perdue University, College of Veterinary Medicine
- Ben Olson, Perdue University, College of Veterinary Medicine
ORGANIZING COMMITTEE

Cyril Gerard Gay, USDA/ARS (Chair)
Jean-Charles Cavitte, European Commission
Daniel Chaisemartin, OIE
Abbie Charlet, IABS
David Donovan, USDA-ARS
Barbara Freischem, International Federation for Animal Health
Rick Hill, USDA-APHIS
Hyun Lillehoj, USDA-ARS
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David Mackay, European Medicines Agency
Kristian Moller, Technical University of Denmark
Bruce Seal, USDA-ARS
Gary Sherman, USDA-NIFA
Paul Sundberg, National Pork Board
Steven Vaughn, FDA
SCIENTIFIC COMMITTEE

Cyril Gerard Gay  USDA/ARS (Chair)
Sergio Calsamiglia Blancafort, University of Barcelona
Frank Blecha, Kansas State University
Elisabeth Erlacher-Vindel, OIE
Brett Finlay, University of British Columbia
Henk P. Haagsman, Utrecht University
Bob Hancock, University of British Columbia
Filip Van Immerseel, Ghent University
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John Wallace, University of Aberdeen
SESSION CHAIRS

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Hyun Lillehoj, USDA/ARS
Bob Hancock, University of British Columbia
Brett Finlay, University of British Columbia
John Wallace, University of Aberdeen
Filip Van Immerseel, Ghent University
Sergio Calsamiglia Blanchfort, University of Barcelona
David Mackay, European Medicines Agency
Rick Hill, Center for Veterinary Biologics, APHIS, USDA
EXPECTED OUTCOMES FROM ATA SYMPOSIUM

- Publications of manuscripts in the journal of Veterinary Microbiology
- Publications of panel discussion outcomes (problems, solutions)
- Posting of posters and presentations on the ATA website
- Continue to build the ATA website as a resource center
- OIE Global Conference on the Prudent Use of Antimicrobial Agents

www.ars.usda.gov/alternativestoantibiotics
OIE Global Conference on the Prudent Use of Antimicrobial Agents for Animals
International Solidarity to Fight against Antimicrobial Resistance
Paris (France) 13 – 15 March 2013

FIRST ANNOUNCEMENT

BACKGROUND

Antimicrobial agents are essential tools for protecting animal health and welfare. They also contribute to satisfying the increasing world demand for safe food of animal origin, such as milk, meat and eggs. To ensure sustainability of livestock production, the efficacy of antimicrobial agents must be preserved through their responsible and prudent use.

Antimicrobial resistance is a global human and animal health concern that is influenced by both human and non-human usages of antimicrobial agents. The human, animal and plant sectors therefore have a shared responsibility to minimise antimicrobial resistance selection pressures on human and non-human pathogens and to contain antimicrobial resistance illustrating the One Health approach.

The OIE has worked actively for more than a decade on veterinary products, including antimicrobial agents, and developed a strategy for its activities in this area. Given that antimicrobial resistance is often an animal and human health issue, the OIE works closely with all its Member Countries, as well as with international organisations such as WHO, FAO and the Codex Alimentarius Commission.

The OIE has developed international standards and promotes the responsible and prudent use of antimicrobial agents in terrestrial and aquatic animals, as it is crucial to safeguard their therapeutic efficacy for both animals and humans. The OIE’s standards also address the surveillance of antimicrobial resistance and the monitoring of quantities of antimicrobial agents used in food producing animals. The OIE standards provide guidance for OIE Member Countries to appropriately address the risk of the emergence or spread of resistant bacteria.

Several of these OIE standards and the OIE list of antimicrobials of veterinary importance, already adopted by all Member Countries, are currently under revision to incorporate recent scientific developments with the participation of WHO and FAO.

OBJECTIVES

The conference will in particular:
- present an overview of the current situation regarding antimicrobial use in animals and antimicrobial resistance;
- inform on initiatives taken by the OIE and other international organisations to promote prudent and responsible use of antimicrobial agents in animals at a national, regional and international level;
- promote good governance practices including national legislation and regulatory frameworks for import, registration, distribution and use of quality veterinary drugs worldwide, by using the OIE PVS Pathway in evaluating and strengthening national Veterinary Services and their compliance with OIE standards;
- encourage international cooperation to help all Member Countries to effectively implement measures for responsible and prudent use of antimicrobial agents in animals;
- foster and strengthen cooperation with Veterinary Statutory Bodies and the veterinary profession for the respect of OIE standards on prudent use in animals worldwide;
- explore the opportunities to improve data collection in animal antimicrobial usage and antimicrobial resistance;
- present research on new molecules and scientific findings on the alternatives that could be used in animal production replacing antimicrobial agents.

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Thank you!

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