



Brucellosis 101: Fundamentals



Summary:

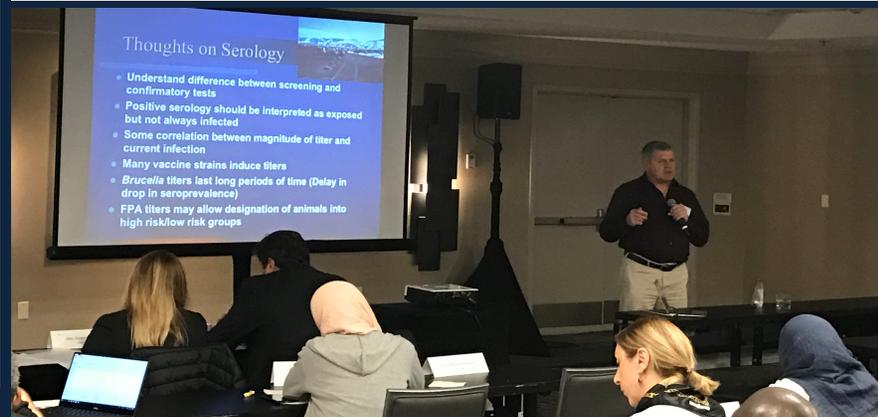
- The International Brucellosis Society's *Brucellosis 101: Fundamentals Workshop* focused on enabling health representatives of countries that are impacted by *Brucella* to gain knowledge and develop skills to better understand the disease, and evaluate and develop current plans, as well as communicate and cooperate with stakeholders locally and internationally.
- The goal was to help develop interdisciplinary baseline knowledge for health professionals, scientists, and policymakers so that they may, in turn, better prevent, detect, respond to, and communicate about brucellosis from an international vantage point.
- The target audience included animal health and public health professionals, clinicians, laboratorians, and policymakers, along with industry and academic research scientists.
- Attendees completed an 8-hour curriculum that included presentations from subject matter experts, multinational tabletop scenarios, and group discussions.
- Participants gained an understanding of the basics of brucellosis, vaccines, human diagnostics, animal diagnostics, next generation sequencing and surveillance, the importance of rigor in scientific communication, and the disease in the European Union.

Impact:

- Participants attended presentations and engaged in tabletop scenarios in Chicago, Illinois, preceding the society's annual conference.
- Attendees learned and networked with some of the top experts in their respective fields. They were also provided the unique opportunity of networking with and learning from the diverse members of their international peers. Through these interactions, they received and shared knowledge and viewpoints through a series of presentations, scenarios, and discussions focusing on the fundamental aspects of brucellosis prevention, detection, and response.
- A questionnaire was distributed at the beginning and end of the workshop to evaluate the fundamental understanding of brucellosis and knowledge gained through participation. **The attendees accrued a 31.5% increase in knowledge.**

Attendee Feedback:

- Participants stated that the most useful aspects of the workshop were the ability to communicate with both experts and peers from other countries, and their opportunity to engage in the tabletop exercises.
- In the future, the attendees would like to have more time for the workshop, stating that the time was cramped and that they wanted more in-depth presentations and scenarios.



Subject Matter Expert Home Institutions:	Subject Matter
Centers for Disease Control and Prevention: Bacterial Special Pathogens Branch	Human Diagnostics
East Carolina University: Department of Microbiology and Immunology	Rigor in Scientific Communication
Inserm, Université de Montpellier: Medical School	Disease in the European Union
Louisiana State University: Department of Agriculture	Basics of Brucellosis
Northern Arizona University: Pathogen and Microbe Institute	Next Generation Sequencing Surveillance
Texas A&M University: College of Veterinary Medicine and Biomedical Sciences	Vaccines and Workshop Organization
United States Department of Agriculture: Agricultural and Research Services	Animal Diagnostics

Attendee Home Countries

Azerbaijan [4]
Cameroon [4]
Georgia [5]
Kenya [3]
Malaysia [2]
Mozambique [1]
Rwanda [2]
South Africa [2]
Tanzania [1]
Vietnam [4]

