



**STAR
IDAZ**

International
Research
Consortium on
Animal Health

STAR IDAZ IRC Brucellosis Vaccine Workshop – Questions and Timing (Breakout discussion sessions 1 & 2)

Workshop Overview

Purpose:

To identify, prioritize, and address key gaps in global brucellosis vaccine research through two plenary sessions:

1. Session 1: Identify and prioritize needs and gaps.
2. Session 2: Discuss strategies and research actions to address those gaps.

Expected outcomes:

- Agreement on the most urgent vaccine research priorities.
- Input for updating the STAR IDAZ Brucellosis Vaccine Research Roadmap.
- Summary of recommendations for follow-up activities and collaborative initiatives.

Format:

- Plenary discussions guided by topic leaders.
- Each topic: approximately 30 minutes of discussion + 10 minutes summary preparation.
- Each leader provides a 5–10 minute synthesis of their topic during the final plenary wrap-up.

Breakout discussion 1 – Identifying and Prioritizing Needs and Gaps

Time & Leader	Topic	Main Question
10:30 – 11:00 AM (Leader: Gabriela Hernández, Servicio Nacional de Salud Animal (SENASA), Ministerio de Agricultura y Ganadería, Heredia, Costa Rica. 10 min break for leader	Topic A – Countries' Needs and Vaccine Characteristics	Which countries need brucellosis vaccines, and how do local conditions influence vaccine use and desired characteristics?
11:10 – 11:40 AM Leader: Gamal Wareth, Faculty of Veterinary Medicine Benha University) 10 min break for leader	Topic B – Priority Brucella Species and Host Targets for Vaccine Research	Which Brucella species and host animals should be prioritized for vaccine research and development?
11:50 AM – 12:20 PM Leader: Jaques Godfroid, Arctic University of Norway 10 min break for leader	Topic C – Vaccine Evaluation	How should brucellosis vaccines be evaluated in countries lacking high-containment facilities?



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Breakout discussion 2 – Addressing the Identified Needs and Gaps

Time & Leader	Topic	Main Question
1:30 – 2:00 PM Leader: Angel Oñate, Facultad Ciencias Biológicas. Univ. Concepción, Chile 10 min break for leader	Topic D – Feasibility and Characteristics of Non-Living Vaccines (Groups 4–7)	What is the potential role and feasibility of non-living brucellosis vaccines (e.g., subunit, RNA, DNA, or vectored vaccines) in controlling the disease?
2:10 – 2:40 PM Leader: James Bugeza, National Livestock Resources Research Institute, Uganda 10 min break for leader	Topic E – Feasibility and Characteristics of Live Vaccines (Groups 2–3)	What is the feasibility of developing and deploying live brucellosis vaccines in endemic regions?
2:50 – 3:20 PM (Leader: Sevil Erdenliğ Gürbilek, Harran University Faculty of Veterinary Medicine TÜRKİYE) 10 min break for leader	Topic F – Research Priorities: Expanding Basic Knowledge	What fundamental research is needed to improve understanding of Brucella biology and host immune responses for next-generation vaccine design?