Surveillance and biosecurity in animal health and public health

Technical session

Cerdanyola del Vallès, Thursday, April 23, 2026

Presentation

Biosecurity and disease surveillance constitute two fundamental pillars for preventing, detecting, and managing health crises in both animal and public health. In a context of increasing interconnection between animal, human, and environmental health—as promoted by the One Health approach—the integration of robust biosecurity measures with efficient surveillance programs is essential to anticipate threats, contain outbreaks, and minimize the consequences of future health crises. This event is part of the collaboration framework between IRTA-CReSA and the Center for Research in Porcine and Poultry Infections (CRIPA) in Quebec (Canada). During the event, the results of several joint projects will be presented.

Place of performance

Cerdanyola UAB, sala de graus de la Facultat de veterinària 08193 Cerdanyola del Vallès

Registrations

Through IRTA: Registrations

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Program

9.00 h	**Welcome to the session** Natàlia Majó. IRTA-CReSA
9.05 h	**Surveillance, at the core of regional biosecurity** Jean-Pierre Vaillancourt. CRIPA
9.50 h	**AI-based multimodal analyses to reveal hidden health risks and behaviours in poultry and swine** André Giler. CRIPA
10.20 h	**Biosecurity in cattle farms: tools to support improvement** Alberto Allepuz. UAB
11.00 h	**Coffee-break**
11.30 h	**Real-Time mortality intelligence: rendering-based syndromic surveillance in Catalan finisher pigs** Francisco Domenes. IRTA-CReSA
12.10 h	**From design to implementation: Developing wildlife health surveillance in Catalonia** Carlos Sánchez. DARPA
12.50 h	**Developing SNAPP-TB: an AI-based model to support TB surveillance at the slaughterhouse level** Àlex Cobos. Projecte coordinat CRIPA-IRTA-CReSA
13.15 h	**Closing of the session** Mariela Segura. CRIPA

Organització

IRTA · CReSA Centre de Recerca en Sanitat Animal · Centre de Recherche en Infectiologie Porcine et Avicole / Swine and Poultry Infectious Diseases Research Center · CRIPA Université de Montréal · EVAH Evolution for Animal Health Innovation for a better tomorrow · Fonds de recherche Québec

Col·laboració

Diputació Barcelona · UAB Universitat Autònoma de Barcelona

Generalitat de Catalunya