

# ICRAD 2024 SUMMIT

**Venue:** Hotel Ammoa, 63088, Nikiti, Chalkidiki, Greece.

**Date:** June 11-12, 2024.

**Online participation:** Will be possible. The link will be provided when available



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 862605

## AGENDA

### (LOCAL TIME)

**Tuesday, 11 June 2024**

08:45 – 09:00	Registration-Connection
09:00 – 09:10	Welcome and Introduction ( <b>Jens Nielsen, ICRAD Coordinator</b> )
09:10 – 09:30	Overview of ICRAD ( <b>Thomas Erritt - DEFRA &amp; Monse Roman Lara - UKRI BBSRC</b> )
09:30 – 09:45	Information on the final monitoring procedure of the co-funded call projects ( <b>FZJ – Project Management Juelich</b> )
09:45 – 10:00	The new call of European Partnership Animal Health & Welfare ( <b>Mahur Turan, Tubitak</b> )
10:00 – 10:45	<i>Improved understanding of epidemic and emerging infectious animal diseases (10 min presentation, 5 min discussion)</i>  <i><b>Dr. Mariette Ducatez, PREVENTER</b>, Deciphering the role of influenza D virus in bovine and human respiratory diseases in Europe</i> <i><b>Prof. Dr. Sjaak de Wit, FluNuance</b>, Virulent Non-Notifiable Avian Influenza; Determinants of virulence of emerging viruses</i> <i><b>Dr. Gaëlle SIMON, PIGIE</b>, Understanding the dynamics and evolution of swine influenza viruses in Europe: relevance for improved intervention and sustainable pig production</i>



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10:45 – 11:15



Coffee

11:15 – 12:30

*Improved understanding of epidemic  
and emerging infectious animal diseases*

**Dr. Gamal Wareth, Bruce-GenoProt**, *A comprehensive proteogenomic analysis of Brucella to understand the epidemiology, biology, virulence mechanisms, and host-pathogen interaction*

**Dr. Yolanda Revilla, IFNASF**, *Characterization of virus- and host-specific modulation of type I IFN in African Swine Fever Virus virulence or attenuation*

**Dr. Marie-Frédérique LE POTIER, ASFVInt**, *Decoding a virus Achilles heel: the African swine fever virus interactome*

**Dr. Sandra Blome, ASF-RASH**, *African Swine Fever pathogenesis and immune responses in Resistant And Susceptible Hosts*

**Dr. Paola De Benedictis, ConVErgence**, *Assessing swine as potential hosts for emerging Coronaviruses*

12:30 – 13:15

Lunch Break



13:15 – 15:00

**Dr. Tom McNeilly, Q-Net-Assess**, *Improved molecular surveillance and assessment of host adaptation and virulence of Coxiella burnetii in Europe*

**Prof. Sophie Le Poder, MUSECoV**, *Multi-scale Eco-evolution of Coronaviruses: from surveillance toward emergence prediction*

**Dr. Fiona Houston, TCWDE**, *Tackling chronic wasting disease in Europe*

**Dr. Vincent Sluydts, RODENTGATE**, *Future Rodent Management For Pig And Poultry Health*

**Dr. Sandra Blaise-Boisseau, FMDV\_PersIstOmics**, *From proteogenomic host response signatures of persistent foot-and-mouth disease virus (FMDV) infection to diagnostic markers and therapeutic control*

**Dr. Edgar Garcia Manzanilla, BM-FARM**, *Biomarkers*



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*and Microbiome in Farms for Antimicrobial Resistance Management*

**Dr. Kristien Van Reeth, EPICVIR**, Emerging porcine influenza and coronaviruses

15:00 – 15:15



Coffee

15:15 – 17.00

**Dr. Christine Fast, ScIce**, Classical Scrapie in Iceland, a model for prion diseases worldwide

**Dr. Catherine Werts, LEPTIMMUNHOST**, Comparative host and species-specific immune responses of macrophages infected with zoonotic *Leptospira interrogans*

**Dr. John Spiropoulos, ScResGoats**, Classical scrapie in genetically resistant goats: questioning current concepts and policies

*Generic technology platforms for producing novel and/or improved vaccines*

**Dr. Bernard Verrier, NucNanoFish**, Nucleic NanoVaccines for Fish

**Prof. Dr. Peter Geldhof, Plants4Nemavax**, Plant-based production of glyco-engineered nematode vaccines

**Prof. Simon Graham, NEOVACC**, Novel strategies to enhance vaccine immunity in neonatal livestock

**Dr. Linda van Oosten, NanoZoo**, Protein nanoparticle vaccine platform for rapid response against zoonotic viruses in poultry and swine



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## Wednesday, 12 June 2024

09:00 – 11:00

**ICRAD Governing Board meeting (only ICRAD partners)**

11:00 – 11:15



Coffee

11:15 – 12:45

*High-throughput, rapid, accurate and easy to use in-field detection technologies*

***Dr. Michał Czopowicz, CAE-RAPID*** Development of a rapid screening test for on-site serological diagnostics of caprine arthritis-encephalitis using individual milk samples

***Prof. Hans Nauwynck, TechPEPCon***, Use of frontline technologies to screen pathogens, environment and pigs for a better disease control in swine herds

***Prof. Beatriz Prieto Simón, Biosens4PrecisionMastitis***, Channel-based biosensors to support a precision agriculture approach for improved bovine mastitis management

***Dr. Romain Volmer, FLU-SWITCH***, Identification of factors driving the emergence and spread of avian influenza viruses with zoonotic potential

***Dr. Javier Bezos, imdiTBap***, Improving the diagnosis of tuberculosis in domestic ruminants through the use of new antigens and test platforms

***Dr. Anders Wolff, POC4AIV***, Preventing zoonoses by screening Avian Influenza Virus (AIV) in wildlife birds and poultry using a novel rapid point of care system

12:45-13:15

Lunch Break



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13:15-14.45

Improved understanding of epidemic and emerging  
infectious animal diseases

***Dr. Sharon Kendall, AdapTB, Defining the Molecular  
Determinants of Mycobacterial Adaptation and  
host:pathogen Interaction to inform bTB control***

***Projects from the 3<sup>rd</sup> Call to be confirmed***

14:45 – 15:15



Coffee

15:15 – 16.00

***Projects from the 3<sup>rd</sup> Call to be confirmed***

*General Discussion*

16:00 – 16.30

AOB

16:30

End of the meeting



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