

# ONE HEALTH

## NEW INSIGHTS AND CHALLENGES OF ZOOONOTIC DISEASES

1<sup>st</sup>, 2<sup>nd</sup> June | 2021

UTAD, Vila Real, Portugal  
Aula Magna

### PROGRAMME



#### SCIENTIFIC COMMITTEE

**Alessandra Scagliarini**, Università di Bologna, Italy  
**Beniamino Cenci Goga**, Faculty of Veterinary Medicine, Università degli Studi di Perugia, Italy  
**Edoardo Pozio**, Istituto Superiore di Sanità, Rome, Italy  
**Henrique de Barros**, Instituto de Saúde Pública, University of Porto  
**John A. Ikonomopoulos**, President of European College Veterinary Microbiology  
**Lis Alban**, Chief Scientist, Danish Agriculture & Food Council, Denmark  
**Lisa Boden**, President of European College Veterinary Public Health (UK)  
**Luca Rossi**, Università degli Studi di Torino, Turin, Italy  
**Manuela Caniça**, INSA  
**Miguel Prieto**, Universidad de Leon, León, Spain  
**Patrick Butaye**, Ross University School of Veterinary Medicine and Ghent University, Belgium  
**Ana Cláudia Correia Coelho**, UTAD  
**Ana Patrícia Antunes Lopes**, UTAD  
**Cristina Maria Teixeira Saraiva**, UTAD  
**Isabel Cristina Ribeiro Pires**, UTAD  
**Filipe da Costa Silva**, UTAD  
**Luis Miguel Martins Lucas Cardoso**, UTAD  
**Maria Filomena Lopes Adegas**, UTAD  
**Maria Madalena Vieira-Pinto**, UTAD  
**Nuno Francisco Fonte-Santa Alegria**, UTAD  
**Patrícia Alexandra Curado Quintas Dinis Poeta**, UTAD  
**Paula Filomena Martins Lopes**, UTAD  
**Raquel Maria Garcia dos Santos Chaves**, UTAD

#### KEY INVITED SPEAKERS

**A. Alonso Aguirre**, George Mason University  
**Anna-Sofie Stensgaard**, Department of Veterinary and Animal Sciences, University of Copenhagen  
**Carlos Gonçalo das Neves**, Norwegian Veterinary Institute & Faculty of Health Sciences, The Arctic University of Norway  
**Christian Gortázar**, SaBio research group, IREC, Universidad de Castilla – La Mancha  
**Helena Ponte**, National Authority of Medicines and Health Products (INFARMED)  
**Henrique de Barros**, Public Health Institute (ISP), University of Porto  
**Javier Gutiérrez**, Royal Veterinary College in London, Director of the FAO Reference Centre on Veterinary Epidemiology  
**João Paulo Gomes**, Head of the Research Unit of the Department of Infectious Diseases at the Portuguese National Institute of Health  
**Jorge Pinto Ferreira**, Deputy Head of the Antimicrobial Resistance and Veterinary Products Department at World Organisation for Animal Health (OIE)  
**Katinka de Balogh**, Food and Agriculture Organization (FAO)  
**Lian Thomas**, International Livestock Research Institute & University of Liverpool  
**Lis Alban**, Chief Scientist, Danish Agriculture & Food Council, Denmark  
**Liza Nielsen**, Professor on Animal Welfare and Disease Control – University of Copenhagen  
**Nicola Decaro**, Department of Veterinary Medicine, University of Bari  
**Patrik Buholzer**, SAFOSO, Switzerland  
**Ricardo Rocha**, CIBIO-InBIO, UP, Portugal  
**Richard Kock**, The Royal Veterinary College, UK

#### COMISSÃO DE HONRA

**Manuel Heitor**, Minister of Minister for Science, Technology and Higher Education  
**Maria do Céu Antunes**, Minister of Agriculture  
**Marta Temido**, Minister of Health  
**Carla Alves**, Director of Northern Agriculture and Fisheries  
**Isabel Ferreira**, Secretary of State for the Valorization of the Interior  
**Ricardo Mexia**, President of Portuguese Association of Public Health Doctors (ANMSP)  
**Ana Rita Castanheira**, Director of CHTMAD  
**Susana Pombo**, Director-general of Directorate General of Food and Veterinary (DGAV)  
**António Cunha**, President of the Norte Portugal Regional Coordination and Development Commission (CCDR-N)  
**Jorge Cid**, President of the Order of Veterinary Doctors (OMV)  
**Helena Pereira**, President of Portuguese Science and Technology Foundation (FCT)

## Day 1 -1<sup>st</sup> June

### 10:00-10:40 – OPEN CEREMONY

Minister of Agriculture  
Rector

### 10:40 – SECTION I

#### CLIMATIC CHANGES: EMERGENT INFECTIONS AND THREATS TO BIODIVERSITY

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### 10:40-11:00 – BAT CONSERVATION AND ZOOLOGIC DISEASE RISK: A RESEARCH AGENDA TO PREVENT MISGUIDED PERSECUTION IN THE AFTERMATH OF COVID-19\*

Ricardo Rocha, CIBIO-InBIO, University of Porto

### 11:00-11:20 – CLIMATE, PATHOGENS AND A CHANGING REALITY IN THIS ERA OF PANDEMICS

Carlos Gonçalo das Neves, Norwegian Veterinary Institute & Faculty of Health Sciences, The Arctic University of Norway

### 11:20-11:40 – IMPACT OF CLIMATIC CHANGES ON SNAIL-BORNE DISEASES – CURRENT TRENDS AND FUTURE EXPECTATIONS

Anna-Sofie Stensgaard, Department of Veterinary and Animal Sciences, University of Copenhagen

### 11:40-12:20 – Discussion

### 12:20 – Lunch

### 14:00 – SECTION II

#### SUSTAINABILITY IN ANIMAL PRODUCTION – A CHALLENGE UNDER THE PERSPECTIVE OF ONE HEALTH

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### 14:00-14:20 – AMR/AMU: THE IMPORTANCE OF HAVING BALANCED, COMMON WAYS

Jorge Pinto Ferreira, Deputy Head of the Antimicrobial Resistance and Veterinary Products Department at World Organisation for Animal Health (OIE)

### 14:20-14:40 – INFECTION PREVENTION AS KEY ONE HEALTH INTERVENTION FOR SUSTAINABLE ANIMAL PRODUCTION

Katinka de Balogh, FAO

### 14:40-15:00 – ONE HEALTH, HOW TO IMPROVE

Helena Ponte, Infarmed

### 15:00-15:20 – TUNING IN ON CROSSROADS TO IMPROVE SUSTAINABILITY OF ANIMAL PRODUCTION

Liza Nielsen, Professor on Animal Welfare and Disease Control – University of Copenhagen

### 15:20-15:50 – Discussion

### 15:50 – Break (10 min)

### 16:00 – SECTION III

#### IMPACT OF EPIDEMIC/PANDEMIC ZOOLOGIC DISEASES: KEYS ISSUES AND LESSONS TO LEARN

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### 16:00-16:20 – CORONAVIRUSES AT THE ANIMAL/HUMAN INTERFACE

Nicola Decaro, Department of Veterinary Medicine, University of Bari

### 16:20-16:40 – SARS-COV-2 AND TRADITIONAL FOOD MARKETS IN BOLIVIA: TOWARDS COLLECTIVE, NON-STIGMATIZING, SCIENCE-BASED RISK MITIGATION

Javier Guitián, Royal Veterinary College in London, Director of the FAO Reference Centre on Veterinary Epidemiology

### 16:40-17:00 – SARS-COV-2 SEQUENCING: A TOOL FOR PUBLIC HEALTH AND TO DECIPHER VIRAL ADAPTATION TO NEW SPECIES

João Paulo Gomes, Head of the Research Unit of the Department of Infectious Diseases at the Portuguese National Institute of Health

### 17:00-17:30 – Discussion

### 17:30 – Safety drink (30 min)

## Day 2 -2<sup>nd</sup> June

### 09:00 – SECTION IV

#### WILDLIFE EMERGENT DISEASES: THREATS TO ANIMAL, HUMAN AND ENVIRONMENTAL HEALTH

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### 9:00-9:20 – COPING WITH PATHOGEN EMERGENCE AT THE WILDLIFE INTERFACE

Christian Gortázar, SaBio research group, IREC, Universidad de Castilla - La Mancha

### 9:20-9:40 – IS THE NARRATIVE FOR WILDLIFE AS A SOURCE OF ZOOLOGIC DISEASES SUPPORTED BY EVIDENCE? A SUMMARY OF KNOWLEDGE WITH CRITICAL EXAMPLES

Richard Kock, Wildlife Health and Emerging Diseases The Royal Veterinary College- UK

### 9:40-10:00 – FROM CONSERVATION MEDICINE TO PLANETARY HEALTH: TRANSDISCIPLINARY FRAMEWORKS ADDRESSING INFECTIOUS DISEASE EMERGENCE, GLOBAL ENVIRONMENTAL CHANGE, AND BIODIVERSITY LOSS

A. Alonso Aguirre, Environmental Science and Policy, George Mason University

### 10:00-10:20 – Discussion

### 10:20 – Break (10 min)

### 10:40 – SECTION V

#### INTEGRATED SURVEILLANCE SYSTEMS OF ZOOLOGIC DISEASES IN HUMAN AND VETERINARY MEDICINE

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### 10:40-11:00 – BREAKING DOWN THE BARRIERS TO INTEGRATED SURVEILLANCE; MANPOWER, MONEY AND MANDATES

Lian Thomas, Jointly appointed scientist; University of Liverpool, UK & International Livestock Research Institute, Kenya. Theme Lead; Neglected Zoonotic Diseases, One Health Centre in Africa

### 11:00-11:20 – DEVELOPMENT IN THE INTEGRATED SURVEILLANCE FOR SALMONELLA IN DENMARK – THE EXAMPLE OF PIG, PORK AND HUMANS

Lis Alban, Chief Scientist, Danish Agriculture & Food Council, Denmark

### 11:20-11:40 – TACKLING ZOOLOGIC DISEASES AT THE HUMAN ANIMAL INTERFACE – WHY WE NEED TO START BUILDING COMPREHENSIVE SURVEILLANCE SYSTEM

Patrik Buholzer, SAFOSO, Switzerland

### 11:50-12:00 – FROM AN EMERGENT INFECTION TO A GLOBAL DISEASE (COVID-19)

Henrique Barros, Instituto de Saúde Pública, University of Porto

### 12:00-12:20 – Discussion

### 12:20-13:00 – CLOSING CEREMONY

Rector of UTAD

Minister for Science, Technology and Higher Education

Minister of Health

Order of Veterinary Doctors (OMV)

Portuguese Association of Public Health Doctors (ANMSP)

Directorate General of Food and Veterinary (DGAV)

Hospital Center of Trás-os-Montes e Alto Douro (CHTMAD)

President of Portuguese Science and Technology Foundation (FCT)

### Transmissão online:

<https://videoconf-colibri.zoom.us/j/86110472105?pwd=dWN0Q2p6dDpVW9tZndRUVMrbmdpZz09>