

1st Porto One Health Day

A holistic view of health

November 3rd, 2021

Face-to-face and on-line event

Registration is FREE but mandatory

More info and registration at: <https://bit.ly/3BPvYFW>



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9:00 | Opening session
On-line

9:10 | Paulo C. Alves | FCUP, CIBIO-InBIO
Research Center in Biodiversity and Genetic Resources
Face-to-face talk at FCUP, Biology Department, Building FC4, room 0.11.
Session Chair: António Rocha

10:00 | Didier Cabanes | i3S
Institute for Research and Innovation in Health
Face-to-face talk at i3S, Corino de Andrade Auditorium
Session Chair: Claudio Sunkel

11:00 | André Luz | UMIB
Unit for Multidisciplinary Research in Biomedicine
Face-to-face talk at ICBAS, Salão Nobre
Session Chair: Mário Santos

12:00 | Isabel Mafra | LAQV REQUIMTE
Associated Laboratory for Green Chemistry of the Network of Chemistry and Technology
Face-to-face talk at ICBAS, Salão Nobre
Session Chair: Maria da Conceição Rangel

13:00 | Vitor Vasconcelos | CIIMAR
Interdisciplinary Centre of Marine and Environmental Research
Face-to-face talk at CIIMAR, Main Auditorium
Session Chair: Luísa Valente

14:00 | Maria José Bento | CI-IPOP
Portuguese Oncology Institute-Porto Research Center
Face-to-face talk at IPO-Porto, Main Auditorium
Session Chair: Carmen Jerónimo

15:00 | Henrique Barros | ISPUP
Institute of Public Health of the University of Porto
Face-to-face talk at ICBAS, Salão Nobre
Session Chair: Raquel Duarte

16:00 | José M. Correia da Costa | CECA
Center for Animal Science Studies
Face-to-face talk at ICBAS, Salão Nobre
Session Chair: António Rocha

17:00 | Laura H. Kahn* | Co-founder of the One Health Initiative
Face-to-face talk at ICBAS, Salão Nobre
Session Chair: Mário Barbosa
*Integrated into the 1st ICBAS International Webinar Series

18:00 | Closing session
Face-to-face at ICBAS, Salão Nobre

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EVENT PROGRAM November 3rd, 2021

Interaction between wildlife, domestic animals and humans; why we need to monitor diseases in natural populations

Disarming and sensitizing Gram-positive pathogens

The impact of climate changes on cardiovascular diseases

Food authentication as a key issue in the food quality and safety

Ocean and human health: risks and benefits of marine bioresources

Impact of the COVID-19 pandemic on the care and survival of cancer patients in Northern Portugal

HIV: from a complex spill-over towards a human infection

Liver Fluke Parasites without borders from Bench to Community

A One Health Analysis of Food Safety & Security, Antimicrobial Resistance, and Climate Change in the 21st Century



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SPEAKER BIO



Paulo Célio Alves

P.C. Alves is a Wildlife Biologist, Associate Professor at the Faculty of Sciences of the University of Porto (FCUP), Affiliate Professor University of Montana, and senior researcher at CIBIO, Centre in Biodiversity and Genetic Resources, where he heads the Conservation Genetics and Wildlife Management group. His main research field is genetics, conservation, ecology and evolution, mainly from threatened and highly managed wild species, in particular lagomorphs (rabbits and hares), small mammals and carnivores. His recent research projects focus the following issues: i) evaluating the level of fragmentation and/or connectivity among different populations, ii) assessing the degree of natural or anthropogenic hybridization between a variety of species, mainly the wild and domestic relatives species, like the pairs wildcat/domestic cat, wolf/dog; iii) developing and using non-invasive molecular methods for studying rare or elusive animals, and iv) studying the population dynamics and ecology of managed and threatened species, including diseases.



Didier Cabanes

D. Cabanes is the Group Leader of the Molecular Microbiology group at i3S, Instituto de Investigação e Inovação em Saúde. His lab has identified a great number of new virulence factors of *Listeria monocytogenes*, a human bacterial food-borne pathogen that is the most frequent cause of death due to the consumption of contaminated food in Europe, and significantly contributed to the characterization of subversion mechanisms of host signalling pathways during cellular invasion, leading to major contributions in the field. In particular, his recent work reveals how pathogens modify their surface and control gene expression to promote virulence, and describes new functions for cell cytoskeleton components and novel actomyosin regulatory mechanisms. These new mechanisms are now explored as potential targets for innovative therapeutic strategies against Gram positive pathogens. D. Cabanes is also i3S Vice-Director, Coordinator of the i3S Host Interaction and Response Research Program, and Director of the i3S COVID-19 Diagnostic service.



André Luz

A. Luz is a Cardiologist (consultant) at Centro Hospitalar Universitário do Porto, Associate Professor at Instituto de Ciências Biomédicas Abel Salazar (ICBAS) of University of Porto and is affiliated to the Cardiovascular Research Group of the Unit of Multidisciplinary Investigation in Medicine (UMIB) at ICBAS. His main area of expertise is Interventional cardiology (coronary and non-coronary). A. Luz has a PhD in Medical Sciences (ICBAS, University of Porto), and a Postgraduation in Health Management (Católica University – Porto BusinessSchool). He is also Member of the scientific board of the Portuguese Association of Cardiovascular Interventions, Board of the Sub-specialty of Interventional Cardiology of the Portuguese Medical Board, and Member of the European Association of Percutaneous Cardiac Interventions (EAPCI) Education & Training Committee.



Isabel Mafra

I. Mafra is a food engineer interested in promoting the health and life quality of the general population and the environment, based on the improvement of the nutritional value, safety and sustainability of food. She is a Group Leader at LAQV REQUIMTE, Associated Laboratory for Green Chemistry of the Network of Chemistry and Technology, where her team performs research in molecular biology applied to food authentication and genetic modification detection, and in food allergen analysis. She has contributed with great scientific advances regarding the identification of the origin of foods (plant and animal), including medicinal plants and plant food supplements, applying mainly DNA-based methods.

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SPEAKER BIO



Vitor Vasconcelos

V. Vasconcelos is a biologist, full professor at the Faculty of Sciences of Porto University, and a Senior Researcher at CIIMAR, Interdisciplinary Center of Marine and Environmental Research. His Research Team on Blue Biotechnology and Ecotoxicology studies natural toxins and other bioactive substances and their effects on environmental and human health. He has 25 years of experience in natural toxins, and in recent years he has also been working on the study of emerging marine toxins. V. Vasconcelos is also the president of the board of CIIMAR and member of the board of the European Marine Board. He has been working also on blue biotechnology, especially unraveling new bioactive molecules extracted from marine microorganisms with pharmacological, allelopathic, and antifouling applications.



Maria José Bento

MJ Bento is a Public Health Physician at the Portuguese Oncology Institute of Porto (IPO-Porto) and invited Associated Professor at the Population Studies Department of ICBAS. She has a PhD in Medical Sciences and a Master's degree in Oncology (both by ICBAS). MJ Bento is Head of the Department of Epidemiology at IPO-Porto, Head of the Education Department at the same institution, Coordinator of the Cancer Epidemiology Group at IPO-Porto Research Center, and Coordinator of the National Cancer Registry of Portugal. Her interests are Cancer epidemiology, population-based registry and, more recently, the impact of COVID-19 on screening, management and survival of cancer patients.



Henrique Barros

H. Barros is Full Professor of Epidemiology at the University of Porto and President of ISPUP, Institute of Public Health of the University of Porto, being the coordinator of the ISPUP's Epidemiology Research Unit. He was a member of the Scientific Council for Health Sciences Foundation for Science and Technology (2004-12), National Coordinator of the HIV/AIDS Program (2005-11), and member of the Medical Sciences (MED) Scientific Committee of Science Europe (2012-15). He has developed research in national and international projects, in areas such as clinical and perinatal epidemiology, cardiovascular, infectious and cancer diseases.



José Manuel Costa

J. M. Costa is an expert in parasitic diseases. He is Principal Investigator at the National Institute of Health Dr Ricardo Jorge (INSA - Portuguese State Laboratory), and the Scientific Coordinator of the Centre for the Study of Animal Science (CECA/ICETA), a research unit of the University of Porto dedicated to the study of environmental, animal, and human health. Urogenital schistosomiasis was his first scientific job. Since then, his research interests have extended to Emergent and Zoonotic Diseases, namely those associated with cancer. Carcinogenic evaluations, drug repurposing studies, and development of innovative detection methods are some of the occupations of J. M. Costa's team.



Laura H. Kahn

Dr. Laura H. Kahn is a physician, policy researcher, and author. For almost 20 years, she conducted policy research at Princeton University. In 2006, she published the article 'Confronting Zoonoses, Linking Human and Veterinary Medicine' in the Center for Disease Control and Prevention's (CDC) Journal of Emerging Infectious Diseases. This publication helped launch the One Health Initiative, of which Dr. Kahn is a co-founder. She is the author of 'Who's in Charge? Leadership during epidemics, bioterror attacks, and other public health crises' (2009) and 'One Health and the Politics of Antimicrobial Resistance' (2016). Dr. Kahn has participated as a Keynote speaker at One Health conferences around the world. Her online Coursera course, "Bats, Ducks, and Pandemics: An Introduction to One Health Policy," is highly rated and has over 5,600 students from around the world. Her interests include global sustainability, food safety and security, antimicrobial resistance, emerging diseases, vector-borne diseases, climate change, human, animal, and environmental health, and leadership during epidemics and other public health crises.

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