

# COVID-19 and One Health: can we do better?

Wednesday 8 July 2020

11.00 - 12.30 h CEST

Moderator: Prof Stefan Constantinescu, FEAM Vice-President

Welcome by the organizers

- **Prof Griffin** - FEAM President
- **Dr Rens van Dobbenburgh** - FVE President

EU response in the pandemic

- **Dr Charles Price** - Directorate-General for Health and Food Safety, Crisis Management and Preparedness in Health, European Commission

Cross-sectoral collaboration in practice: Lessons learned from COVID-19 and potential for future strategies

- **Prof Eleanor M Riley** - Institute of Immunology and Infection Research, School of Biological Sciences, Ashworth Laboratories
- **Dr Maurizio Ferri** - Scientific Coordinator of the Italian Society of Preventive Veterinary Medicine (SIMeVeP)
- **Prof Eskild Petersen** - Co-chair of ESCMID Emerging Infections Task Force, EITaF

Discussion

Closing remarks

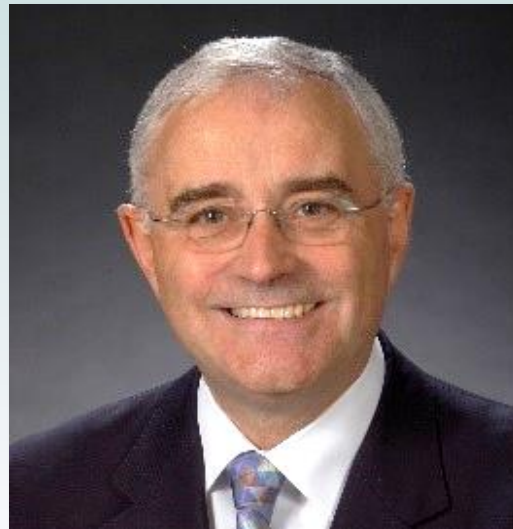
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Moderator



**Prof George Griffin**  
President of the Federation of European  
Academies of Medicine (FEAM)



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Co-chair of ESCMID Emerging Infections  
Task Force, EITaF

**Dr Charles Price:** *EU response in the pandemic*

**Prof Eleanor M Riley:** *A One Health approach to COVID-19 research in the UK*

**Dr Maurizio Ferri:** *Crisis management of COVID-19 and future pandemics through cross-sectoral collaboration in practice*

**Prof Eskild Petersen:** *SARS-CoV-2 as a zoonosis, the human health perspective*

### **Stefan Constantinescu**

Prof Stefan Constantinescu was initially trained as a medical doctor, worked briefly in pediatric oncology and pediatric AIDS, then switched to basic research after obtaining the PhD. His research is focused on understanding the structure and function of cytokine receptors and their associated proteins, JAKs (Janus kinases) in physiologic and pathologic blood formation. The aim is to elucidate the molecular bases of blood cancers, especially chronic myeloproliferative neoplasms (MPNs) such as Polycythemia Vera, Essential Thrombocythemia and Myelofibrosis, as well as secondary acute myeloid leukemia that derive from their progression. In addition to being a member of the Ludwig Institute, Stefan Constantinescu is Professor and Head of Cell Signaling Pole at the Université Catholique de Louvain's de Duve Institute. He is teaching advanced molecular biology to biomedical students and cell biology to medical students, and he is serving on review panels such as the European Research Council's panels for advanced grants.

### **George Griffin**

Prof. George Griffin is Emeritus Professor of Infectious Diseases and Medicine at St George's, University of London, a Board Member of Public Health England and a fellow of the UK Academy of Medical Sciences. Prof. Griffin gained his BSc in Pharmacology and Molecular Biology at King's College London Sciences, where he was awarded the Delegacy Prize for Excellence in Preclinical Science. He was awarded a PhD in Cell Biology/Biochemistry at the University of Hull, and returned to clinical studies at St George, University of London, where he was awarded the MBBS. During this time, he was awarded a Harkness Fellowship of the Commonwealth Fund of New York at Harvard Medical School. On return to the UK, he continued clinical training at the Royal Postgraduate Medical School where he was tutor in Medicine, and the National Hospital for Nervous Diseases. He then returned to St George's as lecturer, was awarded a Wellcome Trust Senior Lectureship and became consultant physician on the Clinical Infection Unit where he was instrumental in developing an internationally renowned research unit twinned to the Clinical Unit. He held prestigious research fellowships in the University of Michigan and National Institutes of Health. Professor Griffin was awarded the distinction of CBE in 2018 (Commander of the British Empire) for his research and its contribution to Public Health. His research has focused on the host response to infection at cell, molecular and whole body level and his principal clinical contributions have been in the characterisation of intestinal disease in HIV infection, mechanisms of weight loss in HIV and definition of loss of mucosal immune response in advanced HIV infection.

### **Dr Rens van Dobbenburgh**

Dr Rens van Dobbenburgh studied veterinary medicine at Utrecht University. He started his career as livestock practitioner in the southern part of the Netherlands, the highest animal dense area of Europe. Besides practice, he has been active as board member of Royal Dutch Veterinary Association (KNMvD). In 2004, he moved to industry sector and was the veterinary CEO of AUV Veterinary Co-operative/Group. until 2012, when the company was acquired by Henry Schein plc, a global distributor of supplies for veterinary practices. As from 2012 to date that the company has been merged with Vets First Choice into Covetrus (in 2019), he is the company's Chief Veterinary Officer Europe. Rens van Dobbenburgh is currently the President of the Federation of Veterinarians of Europe (FVE). Before that he had been a Vice President of FVE (2015-2019) and a Board Member of the Union of European Veterinary Practitioners (UEVP) (2009 – 2015). He is also the chair of the FVE/UEVP Medicines Working Group and past-chair of the European Platform of Responsible use of Medicines in Animals (EPRUMA).

**Charles Price**

Charles Price is a policy officer in the European Commission Directorate General for Health and Food Safety, DG SANTE based in Luxembourg. He is currently working in the Health Emergency Operations Facility of DG SANTE on the response to the COVID-19 pandemic.

**Eleanor Riley**

After graduating from Bristol University with degrees in Cellular Pathology and Veterinary Science, Eleanor Riley interned in veterinary pathology at Cornell University and obtained her PhD in immunology and parasitology from the University of Liverpool. After 5 years at the Medical Research Council Laboratories in The Gambia, Eleanor moved to the University of Edinburgh as a Wellcome Trust Senior Research Fellow prior to her appointment to a personal chair in Immunology at the London School of Hygiene and Tropical Medicine in 1998. In September 2017, Eleanor moved back to the University of Edinburgh to take up the role of Director of the Roslin Institute in the College of Medicine and Veterinary Medicine. Eleanor resigned from the directorship of the Roslin Institute in 2020 and moved to the Institute of Immunology and Infection Research in the School of Biological Sciences. Eleanor's research focusses on mechanisms of immunity to malaria, how the immune response can contribute to disease, how immunity affects the distribution and transmission of the parasite and how malaria infection affects resistance to other infections. In addition, Eleanor has a long-standing interest in the biology of natural killer (NK) cells and their role in resistance to infection. Eleanor is a fellow of the Academy of Medical Sciences and has previously served as Committee and Strategy Panel chair at BBSRC and as deputy chair of MRC Infections and Immunity Board. She has recently been appointed to the governing Council of the MRC.

**Maurizio Ferri**

Born in Belgium, Doctor in Veterinary Medicine and post-graduated in Inspection of Foods of Animal Origin and Physiopathology of Animal Reproduction, Maurizio Ferri has more than 25 years of professional experience in the field of Veterinary Public Health and Food Safety. Since 1991 to date, he is employed as VO at Italian Veterinary Service, Health Unit of Pescara, with duties related to official controls, inspection and audit at food establishments, management of internal quality system. He performed assessment missions and delivered training in the field of food safety and VPH on behalf of EU Commission, mainly by TAIEX. Part of this job concerned the assessment of governmental food safety capacity for the implementation of the Acquis Communautaire. He has gained broad experience in evaluating food safety risk and assessing SPS in Third countries. He trained on QMRA at University of Maryland (USA) and lectured on Risk Analysis. He contributed to many EFSA Scientific Colloquium Reports (e.g. Risk assessment of food producing animals; Risk-benefit analysis of food: method and approaches, Assessing health benefits of controlling *Campylobacter* in the food chain; Emerging Risks in Food, Epigenetic and Risk Assessment). From 2018 to 2021, FVE representative at EFSA Stakeholder Discussion Group on Emerging Risks. From 2019 to 2022 Italian National Contact Point for COST Action 1803 RIBMINS (Risk based meat inspection system). New research area includes: use of data mining and network analysis tools for food safety; political and regulatory environment for sharing food pathogens genome sequences via a global database; sustainability of food production and circular economy.

**Eskild Petersen**

Professor Eskild Petersen is an adjunct Professor of Infectious Diseases, Institute for Clinical Medicine, Faculty of Health Science, Aarhus University, Denmark; visiting professor of Infectious Diseases, Department of Molecular Medicine, University of Pavia, Italy and co-chair, ESCMID Emerging Infectious Disease Task Force. Eskild Petersen obtained the specialist degree in infectious diseases from Denmark, worked 14 years at the national public health institute (Statens Serum Institut), 15 years as a consultant at Aarhus University Hospital, Denmark before joining the infectious disease team at the Royal Hospital, Muscat in 2015 – 2019 and 2019-20 advisor on infectious diseases, Ministry of Health, Muscat, Oman working in the national COVID-19 expert advisory group. Eskild Petersen has published widely on emerging infections and is the editor-in-chief of the International Journal of Infectious Diseases.