



UNIVERSITY OF  
**SURREY**

---

**INTEGRATIVE  
INTERVENTIONS ACROSS  
NEGLECTED TROPICAL  
DISEASES TO SUPPORT  
SUSTAINABLE PUBLIC  
HEALTH POLICY**

---

WORKSHOP PROGRAMME

9-10 May 2024

## OUR SPONSORS



The Institute of Advanced Studies (IAS) at the University of Surrey sponsors workshops and Fellowships at the 'cutting edge' of science, engineering, social science and the humanities. Through this scheme the Institute fosters interdisciplinary collaborations and encourages a flow of international scholars to visit, enjoy their stay at Surrey and leave behind excellent ideas and innovations.

[ias.surrey.ac.uk](http://ias.surrey.ac.uk)



The creation of a pan-university Institute for Sustainability demonstrates the University of Surrey's commitment to be at the forefront of transdisciplinary sustainability research.

This Institute will increase the scale and enhance the excellence of the University's research and innovation in priority areas of sustainability research. Through transdisciplinary collaborations across faculties, and business and external partner engagement, we will break new ground to produce world-class research and effecting significant change for the long-term wellbeing for all.

[surrey.ac.uk/institute-sustainability](http://surrey.ac.uk/institute-sustainability)

## INTRODUCTION

Neglected Tropical Diseases are ancient diseases with a large burden of chronic illness and mortality, which have devastating human, social and economic impact on over 1 billion people worldwide, predominantly among the most vulnerable, marginalized populations, sometimes referred to as the "Bottom Billion". Because of their huge impact, they perpetuate the cycle of poverty. There are many challenges for the control and elimination of these diseases, with resource constraints being a key limitation. As control and elimination programmes are generally created to target a specific disease in isolation, integrative approaches across diseases can provide the sustainable solutions that are needed to support progress towards the ambitious control and elimination goals set out by the World Health Organization for 2030, and to curtail the effects that these diseases have in under-served communities. In this workshop, we will hear from experts across disciplines, from parasitology, veterinary sciences and medicine to mathematics, engineering, and social sciences, to drive forward new proposals, projects, and guidelines to support endemic countries with integrated public health programmes to combat these diseases.

### **Workshop Chair:**

Dr Joaquin M Prada, University of Surrey

### **Organising committee:**

Dr Martha Betson, University of Surrey  
Professor Dan Horton, Animal and Plant Health Agency (APHA)

Dr Olaa Mohamed-Ahmed, UK Health Security Agency

Dr Katherine Pond, University of Surrey  
Dr Rachel Tidman, World Organization for Animal Health

### **ECR support:**

Dr Mahbod Entezami, Mr Freddie Freeth,  
Dr Natalia Martinez Muñoz, Ms Nisha Tucker and Dr Jo Widdicombe, University of Surrey

### **Administrative support:**

Dr Damiete Emmanuel-Yusuf, Dr Amy Pye and Ms Pina Stamp, University of Surrey  
Louise Jones, Institute of Advanced Studies

### **Communications:**

Ms Haeyoung Eun and Ms Lydia Melville, University of Surrey

# PROGRAMME

## DAY 1 – THURSDAY 9 MAY

### Treetops, Wates House

(BST)

- 12.00 – 13.00 Arrival, registration & lunch
- 13.00 – 13.30 Introduction and welcome  
Professor Monique Raats, Co-Director Institute for Sustainability and Dr Joaquin M. Prada, University of Surrey
- Challenges, constraints, barriers and previous experience integrating activities across programmes**
- 13.30 – 13.50 Integrating interventions across neglected tropical diseases and beyond – what makes sense?  
Dr Bernadette Abela, World Health Organisation (WHO)
- 13.50 – 14.10 Rabies: a model for One Health implementation  
Dr Rachel Tidman, World Organisation for Animal Health (WOAH)
- 14.10 – 14.30 Key elements for integrated approaches  
Dr Katinka de Balogh, Retired (formerly One Health focal point at the Food and Agriculture Organisation)
- 14.30 – 14.50 Integrated approaches to animal and zoonotic viral diseases  
Professor Dan Horton, Animal and Plant Health Agency (APHA)
- 14.50 – 15.10 Working across countries, sectors, and disciplines: a perspective from UKHSA's global work on One Health  
Dr Olaa Mohamed-Ahmed, UK Health Security Agency (UKHSA)
- 15.10 – 15.30 One Health on both ends of the spectrum: examples of multisectoral collaboration in the US and Haiti  
Dr Ryan Wallace, Centers for Disease Control and Prevention
- 15.30 – 16.00 Coffee break
- 16.00 – 16.10 Institute for Sustainability: introduction from Director  
Professor Lorenzo Fioramonti, University of Surrey

- 16.10 – 17.10 Breakout activity – World Café: what criteria and requirements are needed for integration? What are the barriers?
- 17.10 – 17.30 Summary of breakouts and wrap up
- 20.00 Dinner at The March Hare, Guildford

## DAY 2 – FRIDAY 10 MAY

### Treetops, Wates House

- 09.00 – 09.30 Arrival and breakfast
- Success stories and solutions to facilitate integration**
- 09.30 – 09.50 WASH: The forgotten key to tackling NTDs  
Professor Guy Howard, University of Bristol
- 09.50 – 10.10 Integration of measures to fight skin NTDs; building on the good practice of the Global Buruli Ulcer Initiative  
Professor Rachel Simmonds, University of Surrey
- 10.10 – 10.30 Introduction and integrated approaches for disease elimination  
Dr Ngozi Erondu and Diana Yousef, Global Institute for Disease Elimination
- 10.30 – 10.50 A reflection on equity  
Dr Jo Widdicombe, University of Surrey
- 10.50 – 12.00 Breakout activity – Eliciting criteria weights: how important are the different criteria and requirements (identified previous day) relative to each other? What solutions (or roadmaps) exist that could help?
- 11.00 Tea will be served during breakout
- 12.00 – 12.30 Summary of breakout, next steps, wrap up and closing of workshop
- 12.30 Take away lunch provided

# PARTICIPANTS

## Dr Bernadette Abela



Dr Bernadette Abela-Ridder works in the Global Programme for Neglected Tropical Diseases (NTDs) of the World Health Organization (WHO) as the lead on neglected zoonotic diseases and NTDs that have a human animal interface. She is closely involved in advancing common areas of work with FAO, WOAAH, UNEP and other global health actors.

Bernadette previously worked with the WHO Department of Food Safety and Zoonoses, the US Food and Drug Administration, l'Institut de recherche pour le développement (IRD), the Food and Agriculture Organization of the U.N. and in clinical veterinary practice.

## Dr Rachel Tidman

Dr Rachel Tidman is the Global Rabies Coordinator, based with the World Organisation for Animal Health. Rachel has worked in a range of different settings including clinical veterinary medicine, international disaster response and global health policy. Her current role focuses on coordinating the United Against Rabies Forum, a global network of rabies stakeholders, led by FAO, WHO and WOAAH. The activities of this network support the implementation of 'Zero by 30: the Global Strategic Plan to end human deaths from dog-mediated rabies by 2030'.

## Dr Katinka de Balogh



Katinka de Balogh studied veterinary medicine in Berlin and Munich and obtained her doctorate in tropical parasitology from the Tropical Institute of the University of Munich in 1984. She specialized in tropical animal production and health in France and in Veterinary Public Health (VPH) in the Netherlands. Before starting in 2002 with the Food and Agriculture Organization of the United Nations at its Headquarters in Rome, she had worked at the World Health Organization and for 9 years in Africa in various projects. In 2016 she was appointed for 5 years at the FAO Regional Office for Asia and the Pacific in Bangkok, Thailand where she led the FAO/WHO/WOAH Asia Pacific Regional One Health secretariat. Katinka retired in 2022 from FAO and is currently a visiting scientist at Utrecht University, the Netherlands and consults with FAO, WHO and the World Bank on One Health related issues.

## Professor Daniel Horton



Professor Daniel Horton is a veterinarian with over 15 year's experience leading research and surveillance projects on rabies and other zoonoses in government and academia. He has led multiple collaborative integrative projects including in Africa and the Middle East. He is currently Head of the Virology Department at the Animal and Plant Health Agency, a department that hosts 12 international reference laboratories, with a remit to undertake internationally renowned science to support the Agency's response to viral diseases of animals and zoonoses.

## Dr Olaa Mohamed-Ahmed



Olaa Mohamed-Ahmed is a medical doctor, academic and public health professional, who is a Consultant in Global Public Health at the UK Health Security Agency, with a portfolio that spans One Health, health security, health systems strengthening and operational research. She is a Fellow of the Faculty of Public Health and has been technical advisor to the World Health Organization (WHO) and UN Food and Agriculture Organization (FAO) on numerous projects. At present, she is the technical lead for a collaboration with WHO Eastern Mediterranean Regional Office and Headquarters on essential public health functions, that seeks to build capacity across the region. She is also part of a multi-agency initiative on cross-border simulation exercises to strengthen regional health security in sub-Saharan Africa. She has been expert reviewer on the Grand Challenges Africa initiative, and has co-developed grant proposals and collaboration on One Health approaches to schistosomiasis control and elimination.

## Dr Ryan Wallace



Dr Ryan Wallace is a public health expert at the Centers for Disease Control and Prevention (CDC), specializing in rabies epidemiology. He serves as the Director of the CDC's WHO Collaborating Center for Rabies and the WOA's Reference Laboratory for Rabies. His role involves leading efforts to improve diagnostic methods and control strategies for rabies around the world. Dr Wallace works closely with international partners to implement effective prevention and control measures aimed at eliminating rabies as a public health threat.

## Professor Guy Howard



Professor Guy Howard is the Director of the Cabot Institute for the Environment and Professor of Infrastructure and Environmental Resilience at the University of Bristol, UK. Professor Howard's research focuses on climate resilience of water and sanitation and health systems, water quality and environmental influences on public health, and environmental engineering interventions for Leptospirosis. He is currently PI on a project developing a hydro-epidemiological model coupled with environmental risk factors model for Leptospirosis being applied in slums in NE Brazil. Professor Howard spent 16 years at the UK Department for International Development (DFID) including six years as the policy lead for the UKAid programme on water and sanitation.

## Professor Rachel Simmonds



Rachel is Professor of immunopathogenesis and Head of Microbial Sciences here at the University of Surrey. Her research is on Buruli ulcer, a necrotising skin NTD caused by subcutaneous infection with *Mycobacterium ulcerans*. She is currently chair of the WHO skin NTD sub-working group on Basic Research, but her groups work covers everything from molecular and cell biology to multi-disciplinary work involving chemists, mathematicians and even medical artists. The lab is best known for discovering the mechanism of action of the *M. ulcerans* toxin mycolactone, which has a cellular target of interest to other diseases including inflammatory conditions, viral infections and cancer.

## Dr Ngozi Erondu



Ngozi Erondu PhD MPH brings her nearly 15 years of experience and leadership in global public health experience to GLIDE.

Ngozi has spent her career researching and supporting global health governance and health systems strengthening in more than 40 countries, primarily in the sub-Saharan Africa and the Middle East and North Africa regions. Through her work at the London School of Hygiene and Tropical Medicine and the O'Neill Institute for National and Global Health Law she has conducted operational research and contributed to policy advocacy for malaria and HIV disease programmes. Ngozi also brings her experience working with US Centres for Disease Control, the UK Health Security Agency, and the World Health Organisation.

Dr Erondu is a senior scholar and co-chair for an upcoming Lancet Commission exploring the health impacts of discrimination in global public health with the O'Neill Institute and is a Fellow with several policy and

governance entities including Chatham House, John Hopkins University, and the Aspen Institute New Voices Fellowship. Ngozi is also the Health Security co-editor for the PLOS Global Health academic journal.

## Diana Yousef



Diana is a global health expert with extensive experience in leading, designing and implementing operational research projects, public health programs and Field Epidemiology Training Programs (FETPs) in the Middle East and North Africa (MENA) region as well as the South-East Asia region and Africa. Prior to joining GLIDE, Diana worked with Global Health Development/Eastern Mediterranean Public Health Network (GHD/EMPHNET), where she led projects implemented throughout the MENA and South-East Asia Regions. Her expertise also extends to training and capacity building. Diana has extensive experience in pandemic preparedness and response and training rapid response teams in the MENA region. During her time at EMPHNET, Diana also worked on projects to support polio eradication efforts in Pakistan and Afghanistan. Additionally, Diana also worked as a researcher at the University of Western Australia (UWA), where she obtained her MPH, and developed profound insights into the global health and infectious

disease landscape in the Western Pacific Region. Motivated by her ongoing commitment to improve global public health standards, Diana is keenly focused on advancing the knowledge and strategies required for the elimination and eradication of Neglected Tropical Disease (NTDs), malaria, polio and other infectious diseases.

## Dr Jo Widdicombe



Dr Jo Widdicombe is a post-doctoral researcher working in the School of Veterinary Medicine, University of Surrey. Her PhD focused on utilizing Mathematical Modelling and Health Economics for Informed Decision-Making for Cystic Echinococcosis Control in South America. She was supervised by Dr Joaquín Prada, Prof. María-Gloria Basáñez, Dr Daniel Jackson, and Prof. Edmundo Larrieu. Prior to commencing her PhD, Jo completed a Bachelor of Veterinary Science (2007) and Bachelor of Veterinary Medicine (2011) from the Royal Veterinary College. She then went on to complete a Masters in International Animal Health at the University of Edinburgh (2016). Her research interests include neglected tropical diseases (particularly those which are zoonotic), mathematical modelling and health economics of infectious diseases, and the control of NTD's through One health approaches.



**FACULTY OF HEALTH AND MEDICAL  
SCIENCES**

---

University of Surrey  
Guildford, GU2 7XH, UK

[surrey.ac.uk](http://surrey.ac.uk)