



## WHO Foodborne Disease Burden Epidemiology Reference Group (FERG) 2021–2025 Member Biographies

### **Dr Antonio Agudo**

Senior Epidemiologist, Head of the Unit of Nutrition and Cancer, Cancer Epidemiology Research Program, Catalan Institute of Oncology, Spain

Dr Antonio Agudo is a Physician, specialised in Preventive Medicine and Public Health. He graduated in Medicine, has Master of Sciences degree in Clinical Epidemiology and a PhD in Public Health and Methodology of Biomedical Research. Since 1999 he has worked at the Catalan Institute of Oncology, and has been the Head of the Unit of Nutrition and Cancer since 2014. Dr Agudo is currently principal investigator and coordinator of the Spanish cohort of European Investigation into Cancer and Nutrition (EPIC). His main lines of research are the relationship of nutritional and environmental factors and genetic susceptibility with gastrointestinal cancers, the association of diet, body composition and physical activity with breast cancer risk and prognosis, and the role of chemical compounds and related biomarkers in the carcinogenic process. He has collaborated with the International Agency for Research on Cancer (IARC) in the IARC Monographs on the Evaluation of Carcinogenic Risk to Humans, and the IARC Handbooks of Cancer Prevention. He has also served as WHO Temporary Adviser for the JECFA (Joint FAO/WHO Expert Committee on Food Additives).

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### **Mr Mohammed Al Huthiel**

Risk Assessment Expert, Food Sector, Saudi Food & Drug Authority, Kingdom of Saudi Arabia

Mr Mohammed Al Huthiel is a Risk Assessment Expert at the Saudi food and Drug Authority (SFDA), a member of the Arab Food Safety Risk Assessment Team and a member of the Scientific Advisory Committee for Food Safety and Risk Assessment at the Saudi Food and Drug Authority (SFDA).

With a Master of Food Science from the University of Melbourne, Australia, Mohammed has over 17 years' experience in the field of food safety leadership and management. In his previous role as the Director of Risk Assessment, Mohammed led high-level projects involving scientific evaluation, data collection and risk assessment research. Mohammed was responsible for the planning and execution of risk assessments and notable projects in Saudi Arabia including the "Risk-Based Food Monitoring plan", "Integrated National Monitoring and Control Plan" and the ongoing "What We Eat in Saudi" initiative.

He is interested in continuing his work applying risk-based approaches to food safety with a focus on chemical and microbial risk assessment, and risk ranking across the food chain.

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### **Dr Fadi Al Natour**

Biosecurity Risk Assessment Expert, Biosecurity Affairs Division, Development & Innovation Sector

Abu Dhabi Agriculture and Food Safety Authority, United Arab Emirates

Dr Fadi Al Natour has 19 years' multidisciplinary and high-level experience in the food safety sector including food safety crisis management, risk analysis, legislation, and inspection. Holding a Bachelor of Veterinary Medicine from the Jordan University of Science and Technology and a Master of Food Safety Management from Higher Colleges of Technology, Dr Fadi is a member of the Global Food Regulatory Science Society, and member of the WHO Technical Advisory Group on Food Safety: Safer Food for Better Health. Dr Fadi is a Risk Assessment Specialist at the Abu Dhabi Agriculture and Food Safety Authority (ADAFSA), and Vice Chairman of the Animal feed disease Risk Assessment Committee. He leads the Bylaws Task Force Committee for Import and Export Regulation and member of many other Bylaws taskforce, and the development of a science-risk based inspection system project for imported food, local market food establishments, animal production and veterinary establishments. He is an ISO22000 certified Auditor and has previously coordinated development of RASFF in UAE and GCC and he is EU-RASFF and INFOSAN contact point coordinator.

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### **Dr Li Bai**

Deputy Director, Division I of Risk Assessment, China National Center for Food Safety Risk Assessment, China

Dr Li Bai is the Deputy Director of Division I of Risk Assessment, China National Center for Food Safety Risk Assessment (CFSA) and holds a Bachelor of Public Health from the West China Medical College and PhD in Pathogen Biology from the Chinese Center for Disease Control

and Prevention. Dr Bai has over 12 years' experience in the food safety sector with a focus on molecular epidemiological microbiology, foodborne disease surveillance and microbiological risk assessment. She has been involved in several national projects including surveillance and control of foodborne pathogens and microbiological risk assessment in the food chain. Dr Bai contributed to the National Food Safety Standards and drafted guidelines for foodborne disease surveillance and microbiological risk assessment and has published more than 40 high-quality peer-reviewed research papers. Dr Bai is a member of the China National Reviewing Committee for Food Safety Standards and the China National Expert Committee for Food Safety Risk Assessment, and an expert for the Joint FAO/WHO Expert Meeting on Microbiological Risk Assessment (JEMRA).

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### **Dr Beau B. Bruce**

Deputy Branch Chief, Enteric Diseases Epidemiology Branch, Centers for Disease Control and Prevention, United States of America

Dr Beau B. Bruce is the Deputy Branch Chief for the Enteric Diseases Epidemiology Branch of the Division of Foodborne, Waterborne, and Environmental Diseases within the National Center for Emerging and Zoonotic Infectious Diseases at the Centers for Disease Control and Prevention. His work focuses on informing food safety policy and tracking progress toward food safety goals by analyzing surveillance, whole genome sequence, and other data to determine the transmission pathways and sources responsible for bacterial enteric infections and how they change over time. Dr Bruce received his undergraduate training at the Georgia Institute of Technology and his medical training at Emory University including internship at Harvard University/Brigham and Women's Hospital, neurology residency at the Harvard

University/Partners Neurology Program, and neuro-ophthalmology fellowship at Emory University. He holds a Master of Science in Clinical Research and a PhD in Epidemiology from Emory University. Dr Bruce is an Adjunct Assistant Professor of Ophthalmology, Neurology, and Epidemiology at Emory University. He has authored over 140 peer-reviewed publications and book chapters.

#### **Dr Brecht Devleesschauwer**

Senior epidemiologist, Sciensano (Belgian institute for health), Belgium

Prof Dr Brecht Devleesschauwer is a senior epidemiologist at Sciensano, the Belgian institute for health, and visiting professor in Risk Analysis at Ghent University. He conducts policy-driven public health research in the domain of composite measures of population health and health inequalities.

As a member of the World Health Organization Foodborne Disease Burden Epidemiology Reference Group (WHO/FERG), he contributed to the first-ever estimation of the global burden of foodborne disease.

Currently, he is coordinator of the Belgian National Burden of Disease Study and Chair of the European Burden of Disease Network (COST Action CA18218).

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#### **Dr Teresa Estrada-Garcia**

Researcher and lecturer at the Biomedicine Department of the Center for Research and Advanced Studies of the National Polytechnic Institute (CINVESTAV-IPN) Mexico City, Mexico

Prof Estrada-Garcia has served as a researcher and lecturer for 23 years at the Biomedicine Department of CINVESTAV-IPN Mexico City. Her work has focused on the epidemiology of diarrheal illness among children in Mexico, particularly in the identification of cases due to diarrheagenic *Escherichia coli* pathotype and developed molecular methods for their identification. She has special interest in microbial street-vended food, which is

extremely popular in Mexico. Prof Estrada-Garcia has a PhD in plant-pathogen interaction and a postdoctoral in second messengers from the School of Biological Science at the University of Birmingham. Prof Estrada-Garcia has provided her expertise in diarrheal illnesses to the food safety unit, diarrheal unit, and cholera task force at WHO. She was the only Latin-American scientist invited to “The Joint FAO/WHO Incepting Meeting on Enterohaemorrhagic *Escherichia coli* (EHEC) in meat and meat products” and was president of the Mexican Society of Microbiology. Currently editor of “Frontiers in Cellular and Infection Microbiology”, Prof Estrada-Garcia has over 65 peer-reviewed publications, 6 book chapters, and has graduated 20 PhD students, 19 Masters and 10 undergraduate students.

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#### **Dr Luria Leslie Founou**

Co-Founder, Deputy CEO and Head of Research, Centre of Expertise and Biological Diagnostic of Cameroon (CEDBCAM), Cameroon

Dr Luria Leslie Founou is an Antimicrobial Resistance and Infectious Diseases Researcher, Food Safety Expert and Head of Research with over 7 years' experience. She has an excellent track record in antimicrobial resistance, food safety, infectious diseases and technologies including whole genome sequencing, deep learning, and data science. Dr Founou forms part of a critical mass of African women scientists and researchers with knowledge and skills in the molecular epidemiology of antibiotic resistance and food safety, generating evidence to optimally quantify, prevent and contain antibiotic resistance while ensuring safe food and safeguarding life of billions. She is guided by the belief that every woman giving birth deserves the right to see her child grow and similarly, each child deserves the right to live and to have a healthy life. Reducing maternal and child mortality with appropriate prevention

and containment measures are then at the heart of her current research activities. She and her research team work on translational research assessing the transmission of resistant bacteria across the farm-to-plate continuum, and their impact on maternal and newborn health in Africa.

#### **Dr Tesfaye Gobena**

Associate Professor of Public Health in College of Health and Medical Science of Haramaya University, Ethiopia

Dr Tesfaye Gobena is an Associate Professor of Public Health in the College of Health and Medical Science of Haramaya University, Ethiopia. Previously, he worked in health facilities as coordinator of Environmental and Immunization Programs.

Dr Gobena has a PhD in Public Health, MSc in Public Health Methodology, BSc in Environmental Health Science and a Diploma in Sanitary Science and other short term training certificates. His public health research experience and interests are in the field of infectious and non-infectious diseases epidemiology, with a focus on food safety related issues.

He is a lifetime member of Ethiopian Public Health Association and the Ethiopian Environmental Health Science Association. Dr Gobena has been engaged in various capacities at conferences and has conducted research at multi-agency and multidisciplinary levels. Currently, he is working as a co-investigator and PI of two multi-partners research projects in the University and has advised several postgraduate students' research. He has published two teaching materials and more than 30 articles in local and international journals.

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#### **Dr Sandra Hoffmann**

Senior Economist, US Department of Agriculture, Economic Research Service, United States of America

Dr Sandra Hoffmann is a senior research economist with the US Department of Agriculture, Economic Research Service, leading research on the societal cost of foodborne illness and source attribution of foodborne illnesses. She co-led research on food source attribution for the first WHO/FAO Global Burden of Foodborne Disease initiative. Before joining USDA, she was a Fellow at Resources for the Future (RFF) where her research focused on US foodborne disease modeling and environmental health valuation in low-income countries. She holds a PhD from the University of California, Berkeley Department of Agricultural and Resource Economics and a Juris Doctor from the University of Michigan. She is a former University of Wisconsin-Madison faculty member, practiced pesticide and chemical regulation law and former Peace Corps Volunteer with the Chilean Public Health Service. Dr Hoffmann advised for the UK Food Standards Agency, Food Standards Australia New Zealand, US EPA, Advisory Committee on National Health Surveys and Children's Environmental Health, and OECD work groups on health valuation, and served on the US National Academy of Sciences Committee on the Effectiveness of National Biosurveillance Systems.

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#### **Dr Lea Sletting Jakobsen**

Researcher, National Food Institute, Technical University of Denmark, Denmark

Dr Lea Sletting Jakobsen is a researcher in the Division for Diet, Disease Prevention and Toxicology at the National Food Institute, Technical University of Denmark. A contributor to WHO/FAOs guiding principles on sustainable healthy diets, Dr Jakobsen is currently serving as an expert in the Norwegian Scientific

Committee for Food and Environments initiative to estimate the health impact of fish in the Norwegian diet and is a member of the European Burden of Disease Network. Dr Jakobsen holds a Bachelor of Food Science and Technology, Masters of Food Safety, and PhD on the development of models to estimate the burden of foodborne chemicals. She is a project leader under the Danish Veterinary and Food Administration's funding programme, providing scientific advice on the health impact of sustainable diet focusing on dietary chemical exposures, and participates in projects funded by the European Food Safety Agency Partnership grants focused on risk benefit assessment of foods. Dr Jakobsen lectures on foodborne burden of disease indicators at the PhD level and supervises undergraduate and graduate students.

#### **Dr Karen Keddy**

[Professor / Term Head, Department of Veterinary Tropical Diseases, Faculty of Veterinary Science, University of Pretoria](#)

Dr Keddy has over 20 years' experience in foodborne and waterborne diseases, infectious enteric diseases, One Health, and antimicrobial resistance. Dr Keddy currently works as a Professor/Term Head at the Department of Veterinary Tropical Diseases and was previously an independent consultant in infectious diseases, medical microbiology, and public health. Dr Keddy set up the National Reference Centre for Bacterial Enteric Pathogens at the Centre for Enteric Diseases of the National Institute for Communicable Diseases, South Africa, and initiated laboratory-based surveillance for bacterial enteric pathogens through the GERMS-SA programme. She has run numerous training programmes for enteric pathogens on behalf of WHO and consulted to the FAO on whole genome sequencing for foodborne pathogens and Shiga-toxigenic *E. coli*. Dr Keddy has consulted to numerous international expert committees and projects on

behalf of various NGOs. She was a member of the Global Foodborne Diseases Network, and WHO's Foodborne Diseases Epidemiology Reference Group. Dr Keddy has supervised several Masters and PhD students, and has over 100 publications and abstracts on epidemiological and microbiological aspects of enteric bacteria and foodborne diseases. She received an ICEID Leadership Award in August 2015.

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#### **Dr Martyn Kirk**

[Professor, Epidemiology/NHMRC Career Development Fellow, National Centre for Epidemiology and Population Health, Australian National University, Australia](#)

Martyn Kirk is a Professor of epidemiology and National Health and Medical Research Council Career Development Fellow at the Australian National University in Canberra, Australia. Previously, Professor Kirk ran the Australian Field Epidemiology Training Program—the Master of Applied Epidemiology (MAE) program—that teaches people how to investigate outbreaks and establish public health surveillance. Professor Kirk has extensive experience in surveillance and investigation of outbreaks of infectious diseases, including those crossing country borders. Professor Kirk is internationally recognized for his work in field epidemiology training and the estimation of the burden of foodborne diseases. Professor Kirk was a member of the inaugural WHO Foodborne Disease Epidemiology Reference Group and is a Scientific Fellow of Food Standards Australia New Zealand.

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### **Dr Mirjam Kretzschmar**

Professor, Dynamics of Infectious Diseases, University Medical Center Utrecht, Utrecht University, the Netherlands; National Institute of Public Health and the Environment (RIVM), Netherlands

Dr Mirjam Kretzschmar is a professor for Dynamics of Infectious Diseases at the University Medical Center of Utrecht University, in Utrecht, The Netherlands, and a senior expert in disease modelling at the National Institute of Public Health and the Environment (RIVM) of the Netherlands. After obtaining her doctoral degree in mathematics from the University of Tübingen, Germany, Dr Kretzschmar worked in the research field of mathematical modelling in infectious disease epidemiology.

Dr Kretzschmars research focusses on the impact of public health interventions on population health, including HIV, vaccine preventable diseases, and more recently non-pharmaceutical interventions for COVID-19. She has worked on developing methods and models for estimating disease burden of infectious diseases and has published on estimating the impact of infectious diseases, among others foodborne diseases, on population health in Europe.

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### **Dr Kunihiro Kubota**

Section Chief, Division of Food Safety Information, National Institute of Health Sciences, Ministry of Health, Labour and Welfare, Japan

Dr Kubota leads a section which collects, evaluates, and provides information on food safety for the Ministry of Health, Labour and Welfare and other government organizations in Japan and the general public. Dr Kubota graduated from The University of Tokyo with a Doctor in Veterinary Medicine in 1997 and a PhD degree in Veterinary Medicine in 2002.

For almost 20 years he has been working on the burden of illness studies of diarrheal diseases in

Japan. He is also a member of the "International Collaboration on Enteric Disease 'Burden of Illness' Studies".

Dr Kubota has contributed to many research projects related to food safety, funded by the Ministry of Health, Labour and Welfare Japan, and Food Safety Commission Japan, and has also participated in expert meetings as a temporary adviser for WHO. He also serves as vice president for the International Association for Food Protection (IAFP) Japan Affiliate.

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### **Dr Ashok Kumar**

Assistant Director General (Animal Health), Indian Council of Agricultural Research, India

Dr Ashok Kumar is a Veterinary Public Health Expert serving the Indian Council of Agricultural Research in various capacities, from Scientist to Head of the Division of Veterinary Public Health at ICAR-IVRI, Izatnagar. He is currently the Assistant Director General, Animal Health at ICAR, New Delhi.

Dr Kumar has expertise on the development of diagnostics, characterization of field isolates, database generation on infectious diseases of livestock and poultry, especially foodborne and zoonotic diseases with interdisciplinary and intersectoral approach. He has been an expert member in numerous councils, universities, and task forces. He is a member of 16 professional societies, President of the Indian Association of Veterinary Public Health, and Vice President of the Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases. Dr Kumar has authored numerous publications including 189 research papers and 125 presentations, 50 book chapters, and edited two books. He has supervised 16 postgraduate students. Dr Kumar is a recipient of Fellows from multiple national agencies and has received several awards in recognition of his contributions to the field of Veterinary Public Health.

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### **Dr Rob Lake**

Manager, Risk Assessment and Social Systems Group, Institute of Environmental Science and Research, New Zealand

Dr Rob Lake leads the Risk Assessment and Social Systems Group at the Institute of Environmental Science and Research in Christchurch New Zealand. He has been working in food safety in New Zealand for about 30 years, delivering reports to both industry and regulators. Dr Lake was a member of the WHO Foodborne Disease Burden Epidemiology Reference Group (FERG) Core Group which delivered the first global estimates of the burden of foodborne disease in 2015. He also chaired the Country Studies Task Force during the FERG project. He is also a member of the Science Leadership Team of the New Zealand Food Safety Science and Research Centre.

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### **Dr Shannon Majowicz**

Associate Professor, School of Public Health Sciences, University of Waterloo, Canada

Dr Majowicz is an Associate Professor in the School of Public Health Sciences, University of Waterloo. She holds a Bachelor of Science in Biomedical Sciences, Master of Science and PhD in Epidemiology from the University of Guelph. Dr Majowicz's major research areas are the epidemiology of foodborne and enteric infections, including disease burden, long-term sequelae, risk factors, vulnerabilities, and effective interventions, and systems and scenario approaches to food and health. Dr Majowicz spent a decade as an epidemiologist with the Canadian federal government (Health Canada, Public Health Agency of Canada), where she investigated the burden of foodborne and diarrheal disease in the Canadian population. She is currently on the Editorial Boards of Epidemiology & Infection and Foodborne Pathogens and Disease. She has published extensively on estimating the burden of foodborne diseases, both in Canada and

globally, with a particular emphasis on approaches that merge surveillance data with peer-reviewed sources of evidence. Her work has provided local, provincial, and federal governments with evidence to justify a variety of actions to protect the health of populations.

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### **Dr Lapo Mughini-Gras**

Senior epidemiologist and Associate professor, Centre for Infectious Disease Control (CIb), National Institute for Public Health and the Environment (RIVM), the Netherlands Institute for Risk Assessment Sciences (IRAS), Utrecht University, Netherlands

Dr Lapo Mughini-Gras is senior epidemiologist at the Dutch National Institute for Public Health and the Environment, and associate professor of veterinary public health at Utrecht University. He holds a Doctor of Veterinary Medicine degree from Bologna University, a PhD in quantitative epidemiology conducted at the Italian National Institute of Health (ISS), and a post-graduate veterinary specialization in animal health and production from Perugia University. His research interests are the epidemiology, statistical modelling and risk assessment of infectious diseases, particularly foodborne and zoonotic infections and antimicrobial resistance. He is interested in understanding the sources, transmission routes, risk factors and (health and socioeconomic) consequences of these infections, as to assess their burden and identify priorities for public health interventions. Dr Mughini-Gras is also engaged in several teaching activities and supervises PhD students and junior researchers. He has served on various workgroups nationally and internationally and has consulted for the Regional Veterinary Institute of North-East Italy. He is bilingual Italian and Spanish, and fluent in English, Dutch and French, and has (co)authored over 100 papers in peer-reviewed scientific journals and books.

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### **Dr Sara Monteiro Pires**

Senior scientist, National Food Institute, Technical University of Denmark, Denmark

Dr Sara Pires is a senior scientist at the National Food Institute, Technical University of Denmark. Dr Pires holds a Doctor of Veterinary Medicine and a PhD in Epidemiology.

Her main areas are the burden and control of foodborne diseases. Dr Pires has developed and applied methods to assess the burden of foodborne diseases and their most important sources at national and international level, and to provide evidence to guide public health policy for disease prevention. She has been part of the World Health Organization's FERG, and of various WHO, United Nations Food and Agriculture Organization and European Food Safety Authority's expert groups.

She is the chair of the Working Group on Infectious Diseases of the European Burden of Disease Network.

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### **Dr Tety Rachmawati**

Researcher, Center of Research and Development for Humanities and Health Management, Indonesia

Dr Tety Rachmawati is a researcher at the Center for Research and Development of Humanities and Health Management at the National Institute of Health Research and Development (NIHRD) in the Indonesian Ministry of Health. Dr Rachmawati has previously worked as a doctor, and as Head of Sub-Division of Behavior and Community Participation in the Humanities Center, Health Policy and Community Empowerment; and the Health Humanities Division at the Center for Humanities Research and Health Management. With 24 years' experience as a researcher at the NIHRD, Dr Rachmawati has conducted projects in emergency obstetric care, maternal death and infant mortality, family planning and research evaluation. Other research has

included community empowerment research around community-based non-communicable diseases prevention models. Dr Rachmawati has also worked on the sub-national Indonesian Burden of Diseases in 2017 (collaborating with IHME).

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### **Dr Lucy J Robertson**

Professor and Head, Parasitology Lab, Faculty of Veterinary Medicine, Norwegian University of Life Sciences, Norway

Dr Lucy J Robertson leads the parasitology team at the Faculty of Veterinary Medicine, Norwegian University of Life Sciences (NMBU). Following an undergraduate degree in biochemistry at University of London, she completed a PhD in parasitology and nutrition at University of Glasgow (effects of intestinal parasites on nutritional status of school children in Panama), and thereafter a series of postdoctoral positions at the Scottish Parasite Diagnostic Laboratory, Stobhill General Hospital, also in Glasgow. Dr Robertson's interests are focused on One Health and the transmission of parasites, especially those that are zoonotic, via food and water. She has led a COST Action on foodborne parasites (Euro-FBP; 2015-2019) and has been involved in initiatives concerned with food/water-borne parasites in Europe and elsewhere (Asia, Caribbean, South America, and Africa), including the FAO/WHO multi-criteria-based ranking in 2012 and a term (2015-2018) as a member of the BioHaz Panel of the European Food Safety Authority. Lucy remains an enthusiastic champion of parasites, the neglected pathogens, and ensuring that they remain on the agenda.

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### **Dr Elaine Scallan Walter**

Associate Professor, Department of Epidemiology Colorado School of Public Health, United States of America

Dr Elaine Scallan Walter is an Associate Professor of Epidemiology at the Colorado School of Public Health, University of Colorado Anschutz Medical Campus, and Co-Director of the Colorado Integrated Food Safety Center of Excellence, to support state and local health departments to build their capacity track and investigate enteric diseases. Dr Scallan Walter is also the Principal Investigator for the Colorado Foodborne Disease Active Surveillance Network (FoodNet), an active laboratory and population-based surveillance system to monitor the incidence of foodborne diseases and conduct epidemiologic studies.

Prior to the Colorado School of Public Health, Dr Scallan Walter was the Team Lead for FoodNet at the US Centers for Disease Control and Prevention. Her research focuses on the burden foodborne diseases and improving foodborne disease surveillance and outbreak response. Dr Scallan Walter has published on the overall incidence of foodborne illness in the United States, the overall human health impact of foodborne disease in terms of Disability Adjusted Life Years and economic cost, the burden of foodborne disease among children and older people, foodborne disease sequelae, and burden of illness methodology.

### **Dr Banchob Sripa**

Professor & Director, Tropical Disease Research Center, Faculty of Medicine, Khon Kaen University, Thailand

Dr Banchob Sripa is a Senior Research Fellow at the Faculty of Medicine, Khon Kaen University (KKU) Thailand, and Director of Tropical Disease Research Center and Head of the World Health Organization (WHO) Collaborating Centre for Research and Control of Opisthorchiasis (Southeast Asian Liver Fluke Disease). He has over 36 years' experience in

biology, immunology, host-parasite interaction of opisthorchiasis and its related bile duct cancer, making great advances to control and eliminate human liver flukes across Asia. Dr Banchob previously served as a panel member of the WHO's Disease Reference Group on Helminths and the first Foodborne Disease Burden Epidemiology Reference Group. He was the former President of the Regional Network of Asian Schistosomiasis and Other Helminth Zoonoses.

Dr Banchob has authored >250 research publications in peer reviewed international journals and book chapters, and is Deputy Editor of PLOS Neglected Tropical Diseases, Associate Editor of Tropical Medicine and International Health, and editorial boards of several tropical disease journals. He received several scientific research awards, including the Outstanding Scientist Award and the Thailand Research Fund Senior Research Scholar.

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### **Dr Paul Torgerson**

Professor, Veterinary Epidemiology (Lehrstuhl), University of Zürich, Switzerland

Paul Torgerson is Professor of Veterinary Epidemiology at the University of Zürich. Trained as a veterinarian with a PhD from the University of Cambridge, Dr Torgerson has held previous academic appointments at University College Dublin, University of Zürich and Ross University in parasitology, epidemiology, and veterinary public health.

His present research includes the epidemiology of parasitic diseases and zoonoses and has a particular interest in the burden of zoonotic diseases. He currently has research projects in Kazakhstan, Kyrgyzstan and Uganda and is part of the consortium that is developing estimates for the global burden of animal diseases (GBAD). He was a member of the first Foodborne Disease Burden Epidemiology Reference Group, leading the parasitic diseases task force. He has also acted as advisor to several international

organizations and governments on the control and prevention of zoonotic diseases.

He has more than 250 scientific journal publications and is co-editor of the “Oxford textbook of Zoonoses”.

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