



**PMAC** | PRINCE MAHIDOL  
AWARD CONFERENCE **2018**



## **PARALLEL SESSION 3.1**

**GLOBAL PARTNERSHIPS FOR COUNTRY OUTCOMES**



## | BACKGROUND

Despite significant scientific and technological advances, as well as ongoing collaborative efforts to prevent, detect, and respond to high-impact diseases associated with emerging infectious or antimicrobial-resistant pathogens, these diseases continue to emerge and pose threats to human and economic security. The underlying causes of their emergence include growing human populations, increasing socioeconomic development, and associated industrialized food production, urbanization, and globalization. Each of these factors in turn results in ever-increasing personal interaction, animal-human interface, and interdependence within and among communities at the local, regional, and global levels. In the context of such an inter-connected world -- with disease drivers ready to multiply and amplify the adverse impacts of emerging infectious or antimicrobial-resistant pathogens -- cross-sectoral collaboration is needed more than ever to facilitate and enhance prevention, detection, and response.

Although the first line of defense in disease prevention and control rests at the country level, pandemics respect no borders. Thus, regional and global cooperation and coordination, with increasing involvement of the private sector and communities, are essential to tackle problems from various angles. Although many multi-sectoral partnerships have to date been initiated with different mechanisms and structures, some partnerships and networks have been used in coordinated manners to manage globally concerning health crises such as the 2014 Ebola epidemic in Africa. It will be valuable to learn from such examples and understand how partners from different sectors were engaged to serve public needs. It will also be beneficial to identify obstacles to and gaps in coordinated action during joint crisis-management efforts and to explore options for improved preparedness and response in the future.

## | OBJECTIVES

The objectives of this session are therefore to:

- Discuss the models and platforms that currently exist globally and regionally
- Share findings on the effectiveness of these models and platforms in guiding practice and partnerships
- Identify common needs and bottlenecks that can be practically addressed to establish a more effective and inclusive partnership for management of EIDs and pandemics, as well as AMR



Moderator

## Katherine bond

*Vice President, International Regulatory Affairs*

U.S. Pharmacopeia  
United States of America

Katherine Bond, Sc.D., is USP's Vice President, International Public Policy and Regulatory Affairs, where she leads a new team to advance the quality of medicines, foods and dietary supplements worldwide. Dr. Bond brings more than twenty years of demonstrated public health leadership experience, in the field and in management. Dr. Bond served as Director of the Office of Strategy, Partnerships, and Analytics, Office of International Programs, U.S. Food and Drug Administration, where she advanced programs and policies to strengthen regulatory systems and supply chain analytics. Prior to public service, Dr. Bond focused her energies on priority public health issues such as health security, infectious diseases and health systems impacting Southeast Asia and Africa in senior positions with Rockefeller Foundation's Asia Regional Office and Africa Regional Office, and the Mekong Regional Office of PATH. Dr. Bond has also held many consultancies and academic appointments—as both lecturer and researcher—at universities in the United States and abroad. She additionally appears as lead or contributing author on a variety of peer-reviewed research papers and technical documents in areas of regulatory systems strengthening, global health security, health systems, and intervention strategies for specific at-risk populations. Dr. Bond earned her Bachelor of Arts degree from Swarthmore College and her Doctor of Science degree from the Johns Hopkins University Bloomberg School of Public Health.



Speaker

## John Mackenzie

*Emeritus Professor*

Curtin University and One Health Platform  
Australia



Speaker

## Yap Him Hoo

*Director-General & Deputy CEO (Regulatory Programmes & Operations)*

Agri-Food & Veterinary Authority of Singapore  
Singapore

Dr Yap Him Hoo is the Director-General and Deputy Chief Executive Officer (Regulatory Programmes & Operations) of the Agri-Food & Veterinary Authority (AVA), the national authority entrusted with the mission to ensure a resilient supply of safe food, safeguard the health of animals, fish and plants, as well as facilitate agri-trade for Singapore. Dr Yap is also Singapore's Official Delegate to the World Animal Health Organisation (OIE) and the Secretary-General of the OIE Regional Commission for the Asia, the Far East and Oceania. In Singapore, he co-chairs the One Health Coordinating Committee with colleagues from the Health and Environment ministries. He is also a member of the Singapore Standards Council and the Vice-Chairman of its Food Standards Committee. Prior to his current post, Dr Yap was the Senior Director of the Infrastructure Division of the Singapore's Ministry of National Development. His responsibilities included development of policies related to agriculture, food and veterinary matters; greenery and biodiversity matters; and construction and building control matters. Dr Yap graduated as a veterinarian from the University of Queensland, Australia in 1994 and completed the Masters of Preventive Veterinary Medicine (MPVM) in the University of California, Davis in 2003. He was involved in the activities of Association of Southeast Asian Nations (ASEAN), particularly in the areas of agriculture and forestry. He was part of the ASEAN Highly Pathogenic Avian Influenza (HPAI) Taskforce and worked on the establishment of the ASEAN Coordinating Centre for Animal Health and Zoonoses (ACCAHZ). The current initiative for the region, which Singapore is playing a lead role is addressing the issues of AMU/AMR in livestock production and aquaculture. Dr Yap received Singapore National Day Awards: Public Administration Medal (Bronze) in 2007 and Public Administration Medal (Silver) in 2015.



## Panelist

### Emelinda Lopez

*Veterinarian IV, Animal Health and Welfare Division*

Bureau of Animal Industry  
Philippines

Emelinda L. Lopez is a Doctor of Veterinary Medicine (DVM) graduate of the University of the Philippines in Diliman, Quezon City, Philippines. She finished her Master of Science (MSc) in Veterinary Epidemiology and Economics at Utrecht University in The Netherlands. Dr. Lopez has been working with government for 34 years now at the Bureau of Animal Industry (BAI) of the Department of Agriculture. She has various experiences in animal vaccine production, poultry virology, food standards development, veterinary public health, biosafety, biosecurity, "One Health" or multi-sectoral collaboration, veterinary epidemiology, planning, administration and international affairs. She was former Officer-in-Charge of the BAI-Philippine Animal Health Center, the national animal disease diagnostic reference laboratory of the BAI. She was previously Officer-in-Charge of the Animal Health Division, which is responsible for animal health programs, animal welfare regulations, food safety, animal facilities regulation and animal information services. From 2005 to 2010, she provided technical assistance and administrative support for the Avian Influenza Protection Program (AIPP). She was involved in the disease investigation of Ebola Reston virus in pigs in 2008 to 2009. Dr. Lopez is a member of the Technical Working Group which created the Philippine Inter-Agency Committee on Zoonoses (PhilCZ) under Malacañan Administrative Order No.10 dated 11 April 2011 signed by the President of the Philippines. Dr. Lopez is currently the head of the Veterinary Epidemiology Section of the Animal Health and Welfare Division (AHWD). Since 2014, she is the Rabies Focal Person of the BAI-AHWD being in-charge of the National Rabies Prevention and Control Program (NRPCP). From 2014 to 2017, she was the National Project Coordinator of the OIE Stop Transboundary Animal Diseases and Zoonoses (STANDZ) Rabies Project in the Philippines. In 2017, she became member of the Thematic Experts Panel of the National Emerging and Re-Emerging Infectious Diseases (EREID) Program of the Department of Health. Aside from her work, Dr. Lopez has been involved in international undertakings. Since 2005, she is the National Animal Health Contact Person for the World Organisation for Animal Health (OIE). Dr. Lopez worked briefly as a Zoonoses Epidemiologist in 2007 for the World Health Organization in Lao PDR for Avian Influenza risk reduction. In 2008, she was designated OIE Performance of Veterinary Services (PVS) Focal Person. Since 2012, she had involvements as Focal Point for the following ASEAN working groups: ASEAN Coordinating Centre for Animal Health and Zoonoses (ACCAHZ) Preparatory Committee, ASEAN Highly Pathogenic Avian Influenza (HPAI) Task Force, ASEAN Communication Group for Livestock (ACGL), ASEAN Sectoral Working Group on Livestock (ASWGL) and ASEAN Veterinary Epidemiology Group (AVEG). Dr. Lopez is member of the Philippine Society of Parasitology (past Secretary and past Vice-President), Philippine Society for Microbiology (life member), Philippine Biosafety and Biosecurity Association, and Fellow of the Philippine College of Veterinary Public Health (past Secretary).



Panelist

## Tanarak Plipat

*Deputy Director General, Department of Disease Control*

Ministry of Public Health  
Thailand

Tanarak Plipat, M.D., Ph.D. is serving as the Deputy Director of the Department of Disease Control (DDC), Ministry of Public Health, Kingdom of Thailand (MOPH/Thailand). Dr. Tanarak, received a doctor in Medicine from Prince Songkla University, Thailand, a Master in Public Health from Mahidol University, Thailand and Ph.D. in Epidemiology from UCLA, USA. He is a graduate of the Field Epidemiology Training Programme, Thailand. Dr. Plipat started his medical career as the general physician at Krabi provincial health office in 1991. He served as Medical Epidemiologist for HIV/AIDS surveillance section, Bureau of Epidemiology (2000-2010), a chief of the national HIV/TB/STI surveillance unit (2003-2009) and a director of Bureau of Knowledge Management, Department of Disease Control (2006-2010). From March 2010-December 2013, served as Thai Co-Director of Thailand MOPH-U.S. CDC Collaboration (TUC). He worked as the Director of Bureau of Epidemiology, DDC between December 2013 and February 2017 and he has been promoted to be a deputy director of the Department of Disease Control in February 2017. From 2001 to present, he has served on numerous national committees for MOPH/Thailand, including recently serving as member on Committee for Clinical Study of Pandemic Influenza Cases and Deaths, and the National Strategic Advisory Committee of Experts on Pandemic Influenza. He was appointed a chair of a committee to draft a Department of Disease Control's research strategic plan in 2003 and a chair to draft the Department's strategic plan in 2004 and again in 2017. He has a record of publications regarding important public health issues in Hepatitis, measles and HIV/AIDS situation in Thailand. He has experience working in the field of surveillance and outbreak investigation. As a director of Bureau of Epidemiology, he initiated a laboratory-based surveillance system for priority syndromes in Thailand, supported the initiation of public health laboratory network and supported the use of laboratory evidence to support an outbreak investigation.



Panelist

## Teresa Zakaria

*Health Emergency Officer*

World Health Organization  
Switzerland

Dr. Teresa Zakaria is a medical doctor and public health practitioner with over 10 years of experience working in response to humanitarian and public health emergencies. Dr. Zakaria is currently a Health Emergency Officer at WHO's Headquarters, where she provides technical and operational support to WHO country operations in fragile and vulnerable settings. Prior to joining WHO, Dr. Zakaria worked with IOM, where she led the development of technical guidance and tools on mapping population movement as it relates to the potential risk of spread of diseases. Dr. Zakaria is an Indonesian national. She obtained her medical and public health degrees in Indonesia and Australia respectively.





Panelist

## Tsunenori Aoki

*Advisor*

Japan International Cooperation Agency (JICA)  
Japan

Tsunenori Aoki joined Japan International Cooperation Agency (JICA) in 1999. He is currently Senior Deputy Director of Human Development Department in Tokyo where his portfolio covers universal health coverage, global health security, health systems strengthening, and health sector development projects in Africa, Middle East, and Latin America. From 2014 to 2017, he served as a Policy Advisor to the Ghana Health Service, tasked with the role to promote policies and programs on UHC, community health, maternal and child health, and health information. From 2011 to 2014, he worked as a Deputy Director of Human Development Department for promoting partnership with the World Bank, Bill & Melinda Gates Foundation, Global Polio Eradication Initiative, Global Health Workforce Alliance, and global health communities. From 2003 to 2005, he had a position of Project Formulation Advisor to the Ministry of Health in Myanmar to support the national programs on EPI, HIV/ADS, TB, malaria, leprosy and maternal and child health. He has 8 years' experience of health sector project management in technical, grant, and loan assistance for over 30 lower and middle income countries. He holds a MPH from Institute of Tropical Medicine Antwerp, Belgium and a BA in Social Sciences from Waseda University, Japan.

