



	Monday 7 November	Tuesday 8 November	Wednesday 9 November	Thursday 10 November	Friday 11 November
8.30am	Arrival and Registration	KEYNOTE The science and importance of tracing SARS-CoV-2 origins Prof Wang Linfa Duke-NUS Medical School Singapore	KEYNOTE Preparing for future outbreaks: key findings and recommendations based on COVID-19 response Dr Anders Nordström The Independent Panel for Pandemic Preparedness and Response	KEYNOTE International Financing for One Health and Pandemic Preparedness SESSION CHAIR Mr Martien van Nieuwkoop Agriculture and Food Global Practice, World Bank Dr Manuela Ferro World Bank, East Asia and Pacific Region	KEYNOTE Dr Maria Van Kerkhove World Health Organization
9.00am		KEYNOTE Developing an international focus on One Health SESSION CHAIR Prof John Mackenzie Curtin University, Australia Dr Thomas Mettenleiter Federal Research Institute for Animal Health, Germany Prof Wanda Markotter University of Pretoria, South Africa PLATINUM SPONSOR 	KEYNOTE Syndemic Interactions: Social Determinants of One Health Outcomes Prof Chris Beyrer Duke Global Health Institute, United States of America	KEYNOTE What does the future hold for access to Diagnostics, Therapeutics and Vaccines in LMICs Dr Seth Berkley Gavi, The Vaccine Alliance	KEYNOTE Dr Anthony Fauci National Institute of Allergy and Infectious Diseases, United States of America
9.30am	OPENING CEREMONY	KEYNOTE	KEYNOTE	KEYNOTE	KEYNOTE
9.35am	WELCOME ADDRESS Prof Wang Linfa Duke-NUS Medical School Singapore Prof Ab Osterhaus University of Veterinary Medicine Hanover, Germany Prof John Mackenzie Curtin University, Australia	Quadrupartite One Health Joint Plan of Action SESSION CHAIR Dr William B Karesh EcoHealth Alliance Dr Jean Philippe Dop World Organisation for Animal Health Dr Francesco Branca Nutrition and Food Safety World Health Organization	Addressing Global Crisis: Tackling shared drivers of EIDs and biodiversity loss Dr David Cooper United Nations Convention on Biological Diversity	Pandemic Preparedness: the role of non-governmental agencies Dr Chris Elias Bill and Melinda Gates Foundation	What has the world learned from COVID and what comes next? Mr Max Brooks Author/Screenwriter (World War Z), Modern War Institute at West Point
9.50am	OPENING ADDRESS Guest-of-Honour Mdm Halimah Yacob President of the Republic of Singapore OFFICIAL OPENING OF CONGRESS	Dr Keith Sumption Food and Agriculture Organization of the United Nations Ms Doreen Robinson United Nations Environment Programme	AMR PLENARY Latest update on the growing threat of AMR Sir Jeremy Farrar Wellcome	IICP PLENARY Harnessing Artificial Intelligence for Rapid Drug Discovery SESSION CHAIR A/Prof Lita Chew SingHealth, Singapore Prof Dean Ho National University of Singapore, Singapore	SCIENTIFIC COMMITTEE CLOSING & AWARD CEREMONY Piecing it together for a resilient tomorrow Prof Wang Linfa Duke-NUS Medical School, Singapore Prof Ab Osterhaus University of Veterinary Medicine Hanover, Germany Prof John Mackenzie Curtin University, Australia
10.10am	OPENING REMARKS Dr Tedros Adhanom Ghebreyesus World Health Organization				
10.15am	OPENING REMARKS Dr Monique Eloit World Organisation for Animal Health				
10.30am	COFFEE BREAK				

PARALLEL SESSIONS

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11.00am	AMR	IICP	AMR	IICP	
	<p>ABSTRACT SESSION</p> <p>One Health Approach to Integrated AMR Surveillance</p> <p>SESSION CHAIR Prof Ramanan Laxminarayanan One Health Trust</p> <hr/> <p>Prof Joakim Larsson University of Gothenburg, Sweden</p> <p>Dr Dawn Sievert Centers for Disease Control and Prevention, United States of America</p> <p>Dr Ed Topp Agriculture and Agri-Food Canada, Canada</p> <p>Dr Patrick McDermott FDA Centre for Veterinary Medicine, United States of America</p> <p>PLATINUM SPONSOR </p>	<p>ABSTRACT SESSION</p> <p>MultiDrug Resistant Organisms (MDRO) - The Rightful Roles, Responsibilities and Interests of the Non-ID Physicians</p> <p>SESSION CHAIRS Dr Vipat Kuruchittham Southeast Asia One Health University Network (SEAOHUN), Thailand</p> <hr/> <p>A/Prof Limin Wijaya Singapore General Hospital, Singapore</p> <hr/> <p>A/Prof Hsu Li Yang NUS Saw Swee Hock School of Public Health, Singapore</p> <p>Prof Latiffah Hassan Universiti Putra Malaysia, Malaysia</p> <p>Prof Karin Thursky University of Melbourne, Australia</p> <p>Prof Vernon Lee Ministry of Health, Singapore</p> <p>Dr Pham Duc Phuc Vietnam One Health University Network, Vietnam</p>	<p>ABSTRACT SESSION</p> <p>AMR Interaction and Transmission Drivers Between Reservoirs in Humans, Animals, Food and Environmental</p> <p>SESSION CHAIR A/Prof Hein Min Tun The Chinese University of Hong Kong, Hong Kong SAR</p> <hr/> <p>Prof Zhang Tong Hong Kong University, Hong Kong SAR</p> <p>Prof Frank M Aarestrup Technical University of Denmark, Denmark</p> <p>Dr Sylvain Brisse Institut Pasteur, Paris</p> <p>Dr Errol Strain FDA Centre for Veterinary Medicine, United States of America</p> <p>Prof Amy Pruden Virginia Tech, United States of America</p>	<p>The Boon and Bane of Nutrition on Health</p> <p>SESSION CHAIRS Asst Prof Mary Chong Foong-Fong NUS Saw Swee Hock School of Public Health, Singapore</p> <hr/> <p>Asst Prof Courtney Davis KK Women's and Children's Hospital, Singapore</p> <hr/> <p>Prof Le Thi Huong Hanoi Medical University, Vietnam</p> <p>Dr Nina Domingo Yale University, United States of America</p> <p>A/Prof Cecilia Acuin University of the Philippines Los Baños, Philippines</p> <p>Prof Teh Bin Tean SingHealth Duke-NUS Institute of Biodiversity Medicine, Singapore</p>	

KEY

- **AMR** · Antimicrobial Resistance
- **IICP** · Impact on and Innovations in Clinical Practice
- **PEB** · Policy, Environment and Biosecurity
- **PPHSR** · Pandemic Preparedness and Health Systems Resilience
- **OHS** · One Health Science

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11.00am	<p>PPHSR</p> <p>Lancet One Health Commission</p> <p>SESSION CHAIRS Dr John Amuasi Kwame Nkrumah University of Science and Technology, Ghana</p> <p>Prof Andrea Winkler University of Oslo, Norway</p> <p>Prof David Heymann London School of Hygiene and Tropical Medicine, United Kingdom</p> <p>Dr Franck Berthe World Bank</p> <p>Prof Carlos das Neves Norwegian Veterinary Institute, Norway</p> <p>Dr Barbara Häslér Royal Veterinary College, United Kingdom</p>	<p>PEB</p> <p>Operationalisation, Systems Coordination and Science-Policy Linkage</p> <p>SESSION CHAIR Mr David Quammen Spillover, USA</p> <p>TOPIC SPEAKER Dr Anders Nordström Ministry for Foreign Affairs, Sweden</p> <p>PANEL DISCUSSION</p> <p>Ms Grace Fu Ministry of Sustainability and the Environment, Singapore</p> <p>Mr Budi Gunadi Sadikin Ministry of Health, Indonesia</p> <p>Dr Sala Saketa Pacific Community, Fiji</p> <p>Dr George Gao Chinese Center for Disease Control and Prevention, China</p> <p>TOPIC SPEAKER Dr Peter Ben Embarek World Health Organization</p> <p>PANEL DISCUSSION</p> <p>Ms Doreen Robinson United Nations Environment Programme</p> <p>Dr Chadia Wannous World Organisation for Animal Health</p> <p>Dr Franck Berthe World Bank</p> <p>Dr John Weaver Weaver Consulting International</p> <p>GOLD SPONSOR ThermoFisher SCIENTIFIC</p>	<p>PPHSR</p> <p>ABSTRACT SESSION</p> <p>Animal and Human Vaccines and Other Preventive Interventions for Pandemic Preparedness</p> <p>SESSION CHAIR Prof Leo Yee-Sin National Centre for Infectious Diseases, Singapore</p> <p>Prof Azra Ghani Imperial College London, United Kingdom</p> <p>Ms Anita Suresh FIND</p> <p>Dr Barney Graham Vaccine Research Center, United States of America</p> <p>Prof Robyn Alders Chatham House, United Kingdom</p>	<p>PEB</p> <p>Biosecurity</p> <p>SESSION CHAIR Mr Jason Gale Bloomberg News, Australia</p> <p>TOPIC SPEAKER Dr Diane DiEuliis National Defence University, United States of America</p> <p>Dr Filippa Lentzos Kings College London, United Kingdom</p> <p>Dr Chong Chee Kheong ASEAN Health Security</p> <p>Dr Kazunobu Kojima World Health Organization</p> <p>Dr Thomas Inglesby John Hopkins Center for Health Security, United States of America</p> <p>A/Prof Jeffery Cutter Ministry of Health, Singapore</p>	

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11.00am	<p>OHS</p> <p>ABSTRACT SESSION</p> <p>Pandemic Preparedness: Detect, Prevent and Respond</p> <p>SESSION CHAIR Prof Marietjie Venter University of Pretoria, South Africa</p> <hr/> <p>Prof Marion Koopmans Netherlands Centre for One Health, The Netherlands</p>	<p>ABSTRACT SESSION</p> <p>Risk Factors Driving Zoonotic Infections</p> <p>SESSION CHAIRS Prof Chris Woods Duke University School of Medicine, United States of America</p> <hr/> <p>Dr Katinka De Balogh Food and Agriculture Organization</p> <hr/> <p>Prof Sarah Cleaveland University of Glasgow, Scotland</p> <p>AMR Pinnacle Series</p>	<p>ABSTRACT SESSION</p> <p>Vaccines and Therapeutics for emerging infections</p> <p>SESSION CHAIR Prof Wang Linfa Duke-NUS Medical School Singapore</p> <hr/> <p>Dr Ranna Eardley-Patel Coalition for Epidemic Preparedness Innovations (CEPI)</p> <p>PEB</p> <p>ABSTRACT SESSION</p> <p>Environment Change and Health</p> <p>SESSION CHAIR Dr Katinka De Balogh Food and Agriculture Organization</p> <p>PEB Pinnacle Series</p>	<p>OHS</p> <p>Science Meets Policy</p> <p>SESSION CHAIR Dr Casey Barton Behravesh Centre for Disease Control and Prevention, United States of America</p> <hr/> <p>Dr Kachen Wongsathapornchai Food and Agriculture Organization, Thailand</p> <p>Dr Maria Van Kerkhove World Health Organization</p> <p>Mr Gerrit Viljoen International Atomic Energy Agency, Vienna</p> <p>Dr Marc-Alain Widdowson Institute of Tropical Medicine Antwerp, Belgium</p> <p>Dr Misheck Mulumba Onderstepoort Veterinary Research Institute, South Africa</p> <p>PPHSR Pinnacle Series</p>	<p>AWARD CEREMONY & CLOSING</p>
1.00pm	LUNCH BREAK				END OF PROGRAMME
2.00pm	<p>AMR</p> <p>ABSTRACT SESSION</p> <p>One Health Approach to Integrated AMR Surveillance</p> <p>SESSION CHAIR Prof Joergen Schludt Schludt Consult</p> <hr/> <p>Prof Xiao Yonghong Zhejiang University, China</p> <p>Prof Lance B. Price George Washington University, United States of America</p> <p>Dr Jay Garland United States Environmental Protection Agency, United States of America</p> <p>Prof Frank M Aarestrup Technical University of Denmark, Denmark</p>	<p>IICP</p> <p>Ethics of Vaccination and Public's Autonomy</p> <p>SESSION CHAIRS Prof Walter Lee Duke Cancer Institute, United States of America</p> <hr/> <p>A/Prof Anantham Devanand SingHealth Duke-NUS Lung Centre, Singapore</p> <hr/> <p>A/Prof Kelvin Bryan Tan Ministry of Health, Singapore</p> <p>Asst Prof Voo Teck Chuan National University of Singapore, Singapore</p> <p>Prof Michael L. Tee University of the Philippines Manila, Philippines</p>	<p>AMR</p> <p>Science-based AMR Governance and Policy Implementation</p> <p>SESSION CHAIR A/Prof Hsu Li Yang NUS Saw Swee Hock School of Public Health, Singapore</p> <hr/> <p>Dr Robert Skov International Center for Antimicrobial Resistance Solutions (ICARS), Denmark</p> <p>Dr Javier Yugueros Marcos World Organisation for Animal Health</p> <p>Dr Jomana Musmar US Department of Health and Services, United States of America</p> <p>Dr Senjuti Saha Child Health Research Foundation, Bangladesh</p>	<p>IICP</p> <p>ABSTRACT SESSION</p> <p>Management of Non-Communicable Diseases (NCD) - Pivoting During a Pandemic and Beyond</p> <p>SESSION CHAIRS Prof Zainab Samad Aga Khan University Hospital, Pakistan</p> <hr/> <p>Dr Gan Wee-Hoe SingHealth Community Hospitals, Singapore</p> <hr/> <p>A/Prof Ayeesha Kamal Aga Khan University, Pakistan</p> <p>A/Prof Jeremy Lim NUS Saw Swee Hock School of Public Health, Singapore</p> <p>Prof Rolando Enrique D Domingo World Health Organization, Philippines</p> <p>A/Prof Daniel Ting Shu Wei Singapore National Eye Center, Singapore</p>	

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2.00pm	PPHSR	PEB	PPHSR	PEB	
	<p style="text-align: center;">ABSTRACT SESSION</p> <p style="text-align: center;">Secondary / Indirect Impact to Human and Animal Health</p> <p style="text-align: center;">SESSION CHAIR Prof Laurent Rénia A*STAR Infectious Diseases Lab, Singapore</p> <hr/> <p>Prof Jesse Bloom Fred Hutch, United States of America</p> <p>Dr Kevin Olival EcoHealth Alliance, United States of America</p> <p>Prof Anne Rimoin University of California, United States of America</p>	<p style="text-align: center;">ABSTRACT SESSION</p> <p style="text-align: center;">Globalisation and Human Drivers of Disease in a Rapidly Changing World</p> <p style="text-align: center;">SESSION CHAIRS A/Prof Taufique Joarder SingHealth Duke-NUS Global Health Institute, Singapore</p> <hr/> <p>Dr Siddhi Aryal Vital Strategies Singapore</p>	<p style="text-align: center;">One Health Integrated Surveillance: Novel Data Types and Prototype Systems</p> <p style="text-align: center;">SESSION CHAIR Prof David Heymann London School of Hygiene and Tropical Medicine, United Kingdom</p> <hr/> <p>Prof Zhang Tong Hong Kong University, Hong Kong SAR</p> <p>Prof Marion Koopmans Netherlands Centre for One Health, The Netherlands</p> <p>Dr Mark Smolinski Ending Pandemics, United States of America</p> <p>A/Prof Sebastian Maurer-Stroh Agency for Science, Technology and Research (A*STAR) Bioinformatics Institute, Singapore</p>	<p style="text-align: center;">ABSTRACT SESSION</p> <p style="text-align: center;">Environment Change and Health</p> <p style="text-align: center;">SESSION CHAIRS Dr Aaron Jenkins Edith Cowan University, Australia</p> <hr/> <p>Dr Judith Wong National Environment Agency, Singapore</p>	
	OHS	OHS	OHS	OHS	OHS
<p style="text-align: center;">ABSTRACTS SESSION</p> <p style="text-align: center;">Risk Factors Driving Zoonotic Infections</p> <p style="text-align: center;">SESSION CHAIR Prof Gavin Smith Duke NUS Medical School, Singapore</p> <hr/> <p>Prof Dirk Pfeiffer Centre for Applied One Health Research and Policy Advice, Hong Kong SAR</p>	<p style="text-align: center;">ABSTRACTS SESSION</p> <p style="text-align: center;">Discovery and Surveillance</p> <p style="text-align: center;">SESSION CHAIRS Prof Mark Rweyemamu SACIDS Foundation for One Health, Tanzania</p> <hr/> <p>Dr Larry Madoff Massachusetts Department of Public Health, United States of America</p> <hr/> <p>Prof David Heymann London School of Hygiene and Tropical Medicine, United Kingdom</p> <p style="text-align: center; font-size: small;">PLATINUM SPONSOR</p> <p style="text-align: center; font-size: large; font-weight: bold;">illumina®</p>	<p style="text-align: center;">ABSTRACTS SESSION</p> <p style="text-align: center;">Environmental Surveillance</p> <p style="text-align: center;">SESSION CHAIRS Prof Gavin Smith Duke-NUS Medical School, Singapore</p> <hr/> <p>Dr Supriya Kumar Bill and Melinda Gates Foundation, United States of America</p>	<p style="text-align: center;">Understanding the Social Context of One Health</p> <p style="text-align: center;">SESSION CHAIR Dr Katinka De Balogh Food and Agriculture Organization</p> <hr/> <p>Mr David Quammen Author & Journalist United States of America</p> <p>Mr Jason Gale Bloomberg, Australia</p> <p>Prof Delia Grace International Livestock Research Institute, Kenya</p>		
		OHS Pinnacle Series	IICP Pinnacle Series		
4.00pm	COFFEE BREAK				

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PLENARY SESSIONS

	Monday 7 November	Tuesday 8 November	Wednesday 9 November	Thursday 10 November	Friday 11 November
4.30pm	<p>PANEL DISCUSSION</p> <p>Lastest Scientific Advances on One Health</p> <p>SESSION CHAIR Dr Larry Madoff Massachusetts Department of Public Health, United States of America</p> <hr/> <p>Prof Leo Poon University of Hong Kong, Hong Kong SAR</p> <p>Dr Erik Karlson Pasteur Institute, Cambodia</p> <p>Prof David Aanersen University of Oxford, United Kingdom</p> <p>Dr Peter Daszak EcoHealth Alliance</p>	<p>PEB</p> <p>PANEL DISCUSSION</p> <p>Global Financing and the One Health Agenda</p> <p>SESSION CHAIR Dr Franck Berthe World Bank</p> <hr/> <p>TOPIC SPEAKERS</p> <p>Mr Martien van Nieuwkoop Agriculture and Food Global Practice, World Bank</p> <p>Dr Catherine Machalaba EcoHealth Alliance, United States of America</p> <hr/> <p>Dr Swarnim Waglé UNDP Regional Bureau for Asia and the Pacific (RBAP), Thailand</p> <p>Dr Andrew Clements USAID, United States of America</p> <p>Dr Francette Geraghty-Dusan Centre for Health Security, Government of Australia</p>	<p>PPHSR</p> <p>PANEL DISCUSSION</p> <p>National Sovereignty and Global Solidarity for Health Security</p> <p>SESSION CHAIR Prof David Heymann London School of Hygiene and Tropical Medicine, United Kingdom</p> <hr/> <p>Prof Kelley Lee Simon Fraser University, Canada</p> <p>Dr Daniel Bausch FINN</p> <p>Dr Osman A Dar Chatham House, United Kingdom</p> <p>Dr Khor Swee Kheng United Nations University, Malaysia</p>	<p>IICP</p> <p>PRESENTATION & PANEL DISCUSSION</p> <p>The Impact of Our Environment and Microbiome on Health</p> <p>SESSION CHAIRS A/Prof Mariko Koh Singapore General Hospital, Singapore</p> <hr/> <p>A/Prof Ji Dar-Der National Yang Ming Chiao Tung University, Taiwan</p> <hr/> <p>A/Prof Sanjay H. Chotirmall Nanyang Technological University, Singapore</p> <p>A/Prof Chew Fook Tim National University of Singapore, Singapore</p> <p>Dr James Hassell Smithsonian Institution, United States of America</p> <p>Prof Wu Chun Ying National Yang Ming Chiao Tung University, Taipei</p> <p>Prof Gary W. Miller Columbia University, United States of America</p>	
6.00pm	END OF PROGRAMME				

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