



FINAL PROGRAM
AS OF 01 FEBRUARY 2011



DETAILED PROGRAM

MONDAY 14 FEBRUARY

0700 – 1830	Level 1 Foyer	Registration Opens				
0830 – 0915	Plenary Hall 1 Ground Level	Opening Ceremony				
0915 – 0945		Welcome and Introductions				
		Welcomes by Senior Representatives from UN, FAO, WHO, OIE				
0945 – 1000	Access Doors 5 or 6	<i>Sponsored by Pfizer</i> Opening Keynote Presentation Keynote Speaker: Peter Doherty – <i>The one-world of infection and immunity</i> Chair – Martyn Jeggo				
	1000 – 1130	Plenary Session 1: <i>Setting the Scene</i> Speaker: Joe Annellie – <i>Outputs from the Stoney Mountain One Health Meeting</i> Chair – Martyn Jeggo				
<i>Setting the Scene: One Health – Challenges to Public Health</i> Speakers: Takeshi Kasai <i>One Health-Challenges to Public Health: an international perspective</i> , Suwit Wibulpolprasert – <i>One Health – The challenge to Australian Veterinary Perspective</i> , Thomas V Riley – <i>Clostridium difficile in animals – a significant risk to humans!</i> Chair – Martyn Jeggo						
1130 – 1200	Level 1 Foyer	Morning Tea, Exhibition and Poster Viewing				
1200 – 1230	Plenary Hall 1 Ground Level	<i>Sponsored by the Department of Primary Industries, Victoria</i> Plenary Session 2: <i>Disease Emergence</i> Keynote Speaker: Ron Atlas <i>Emerging Infectious Diseases: Rethinking Zoonoses</i> Co-Chairs: – Takeshi Kasai and John Mackenzie				
1230 – 1315		Access Doors 5 or 6	<i>Sponsored by the Department of Primary Industries, Victoria</i> <i>Disease Emergence Panel</i> Panel Speakers: Albert Osterhaus, Heinz Feldmann, Dato Dr CP Ramachandran, Karim Tounkara¹ with Ron Atlas Co-Chairs – Takeshi Kasai and John Mackenzie ¹ <i>Speaker Sponsored by Deakin University</i>			
		Lunch, Exhibition and Poster Viewing				
		Out of the Box – Disease Emergence <i>Sponsored by the Department of Primary Industries, Victoria</i>				
Level 1		111 & 112	110	109	106	
1400 – 1600	Level 1 See Rooms above session name	Predictive Modeling Chair: Peter Daniels	<i>Sponsored by Pfizer</i> Pathogen Discovery and Early Detection Chair: Ian Lipkin	Emerging Livestock Diseases Chair:	Integrating Surveillance Systems (1) Chair: Robert Hall	
1400 – 1415		Julien Cappelle <i>Direct estimation of the dynamic of contact between poultry and wild ducks in African villages using distribution modeling based on satellite telemetry and remote sensing data</i>	Jennifer Barr <i>Virus Discovery Utilising Bat Cell Lines</i>	Alexandre Caron <i>Emergence of bovine tuberculosis in wildlife in southern Africa: a threat for livestock</i>	Ulrich Sperling <i>Comprehensive Analysis of OIE World Animal Health Data as a Means to Identify Global Disease Trends</i>	
1415 – 1430		Aurélie Courcoul <i>Assessment by modeling of the effectiveness of vaccination against Q Fever in dairy cattle</i>	Kate Baker <i>Next Generation Surveillance? A metaviromic study of a West African bat population using Next Generation Sequencing</i>	Vincent Munster & Heinz Feldmann <i>Ecology of emerging viruses: bridging the gap between field and experimental research</i>	Tracey McNamara <i>The Russian Anti-Plague System: An Overlooked Zoonotic Disease Surveillance and Response System</i>	
1430 – 1445		Sheena Adamson <i>One Health in NSW – human and animal health sector management of zoonoses of public health significance</i>	Daniel Chu <i>The Prevalence and Diversity of Astroviruses in Insectivorous Bats: Manifestation of an unusual virus-host interaction?</i>	Jet Mars <i>An outbreak of acute hemorrhagic syndrome in newborn calves: an example of a new emerging disease</i>	David Aanensen <i>EpiCollect – A mobile phone/web application framework for epidemiological data collection and visualisation</i>	
1445 – 1500		Petra Kock <i>Emerging zoonosis: the Dutch approach</i>	Jessie Trujillo <i>A Real-time PCR assay for Detection and Differentiation of Mycoplasma species in Biological Samples from Various Hosts</i>	Reg Butler <i>Atypical BSE – knowns and known unknowns</i>	Roger Paskin <i>MAX: an innovative software tool for emergency disease response</i>	
1500 – 1515		Bassirou Bonfoh <i>Integrated assessment of brucellosis prevalence and cost of disease in Kyrgyzstan</i>	Timothy R. Bowden <i>Enhancing the Capability for Pathogen Detection and Surveillance using Protein Microarrays</i>	Manjunatha Belaganahalli <i>Sequencing and phylogenetic analysis of the orbiviruses: a new approach to their classification, molecular identification and diagnosis</i>	Esron Karimuribo <i>Contrasting features and opportunities for 'One health' infectious diseases surveillance system in Tanzania</i>	
1515 – 1530		Linda Halcon <i>One Health Leadership: Nursing Perspectives</i>	Gary Crameri <i>Bats and SARS Coronavirus</i>	William Hardy & Evelyn Zuckerman <i>Bartonella: The Pet Cat-Human Connection</i>	Diafuka Saila-Ngita & Robyn Alders <i>The use of information and communication technologies in the integration of disease surveillance and outbreak response systems</i>	
1530 – 1545		Aniruddha Belsare <i>Rabies control in rural India: A model-based assessment of mass vaccination strategies</i>	Janusz Paweska <i>Laboratory and molecular epidemiological aspects of the 2010 Rift Valley fever outbreak in humans in South Africa</i>	Elvina Viennet <i>Endo/exophagy and circadian rhythm of Culicoides biting midges (Diptera: Ceratopogonidae), vectors of bluetongue virus</i>	Nicholas Preston <i>Healthscapes: a web platform for integrating and analyzing health and environmental data across scales</i>	
1545 – 1600		Wim H. M. van der Poel <i>EPIZONE, Network on Epizootic Animal Disease Diagnosis and Control</i>	Rajeswari Shome <i>Brucellosis: New demands for diagnostic innovations to aid public health in India</i>	Kim Halpin <i>Molecular diagnostics in 2011: new targets and new technologies</i>	Marisa Peyre <i>Socio-economical evaluation of surveillance systems for emerging animal diseases: merging veterinary and public health issues</i>	

Global Health, **David Butler-Jones** – Breaking down barriers and creating connections, **Jim Bishop** – The Impact of One Health on Public Health, **Andy Carroll** – One Health – An

105	104	103	101 & 102
Emerging Zoonoses – Specific Zoonotic Diseases Chair: Pierre Formenty	Neglected Tropical Diseases Chair: Dato Dr CP Ramachandran	Emerging Diseases, Factors and their Control Chair: Mia Kim	Wildlife Diseases and the One Health Paradigm Chair: Mushtaque Chowdhury
Abdul Rani Bahaman <i>Leptospirosis in Malaysia: a re-emerging zoonosis with severe outbreaks and high mortalities in humans</i>	Dato DR.C.P.Ramachandran <i>The Global Programme for the elimination of Lymphatic Filariasis (GPELF) its health impact. After 9 years and challenges ahead</i>	L. Mia Kim <i>OFFLU: Contributions toward improved vaccine strain selection for poultry</i>	Tiggy Grillo & Rupert Woods <i>Wildlife Networking in a One Health Space</i>
	Severine Thys <i>Local knowledge and perception of zoonotic hydatidosis in High Atlas (Morocco)</i>	Nicoline de Haan <i>People within Chains</i>	Unesu Ushewokunze-Obatolu <i>One Health Paradigm: Policy options for Zimbabwe</i>
Stephane De La Rocque <i>Revisiting the ecology of Rift Valley Fever: primary and secondary emergence areas in Africa and the Middle East</i>	Gaël Lamielle <i>Cystic echinococcosis prevention in the highlands of Peru – A multidisciplinary perspective</i>	Pierre Kerkhofs <i>An online Monitoring and Surveillance System for the early detection and identification of emerging animal diseases: www.moss.be</i>	Lori Miller <i>Environmental Aspects of the One Health Paradigm</i>
Nina Kung <i>Hendra incidents re-visit – what can we learn from the history?</i>	Oscar Daniel <i>Multidisciplinary approach for Cutaneous Leishmaniasis prevention through community participation, Iguazu Falls area, Argentina</i>	James Zingesser & Roland Suluku <i>Animal Health Clubs in Sierra Leone</i>	Karrie Rose <i>Emergent Information and Communication Technology – Enhancing Wildlife Health and Biosecurity Outcomes</i>
Sze Fui Hii <i>Molecular and serological evidence support the role of dogs as potential reservoirs for Rickettsia felis</i>	Anna Okello <i>“Stamp Out Sleeping Sickness (SOS): An Innovative One Health Approach to Neglected Zoonotic Disease in Uganda”</i>	Maria Cristina Schneider <i>Natural disasters and communicable diseases in the Americas: Contribution of Veterinary Public Health</i>	Richard Kock <i>Rinderpest virus in wildlife – a valuable lesson in disease emergence</i>
Barbara Drolet <i>Multidisciplinary Approaches for Rift Valley fever Detection, Surveillance and Control</i>	Virginie Michel <i>Wild mammals and Leptospira transmission risk in the French West Indies</i>	Helen Byrnes <i>Sikkim Anti-Rabies and Animal Health Programme – a local solution in a small state of India</i>	Tanguy Marcotty <i>Brucellosis at the rural community and wildlife interface in Africa</i>
Johanna Lindahl <i>The effect of keeping pigs on the number of vectors for Japanese Encephalitis Virus in an urban area</i>	Louise Hamill <i>Combating the spread of endemic sleeping sickness in Uganda: can mass treatment of the cattle reservoir stop T. b. rhodesiense in its tracks?</i>	Heinrich Feldmann <i>Emergency Vaccines Against Viral Hemorrhagic Fevers</i>	Leila Modiri & Mahmood Jamshidian <i>An investigation on fish associated bacteria, a surge of man and animal infection and hazards in the Caspian Sea region</i>
James Zingesser <i>A One Health approach to rabies control in Togo</i>	Darryn Knobel <i>Case studies of neglected tropical diseases at the human-animal interface in East Africa</i>	Karim Tounkara <i>The Role Of Au/Panvac In The Control Of Emerging And Re-Emerging Diseases In Africa</i>	Rupert Woods <i>Australian Bat Lyssavirus in Australia – An inter-sectoral “One Health” approach to disease management</i>

DETAILED PROGRAM

1600 – 1630	Level 1 Foyer	Afternoon Tea, Exhibition and Poster Viewing
1630 – 1800 Plenary 1	Plenary Hall 1 Ground Level Access Doors 5 or 6	Animal Human interface and Joint collaboration with FAO, OIE, IUCN and UNEP Chair: Pierre Formenty 1. Rift Valley fever in Madagascar, Tanzania and Sudan: collaboration between FAO, OIE, WHO and GOARN partners (CDC, NAMRU, Institut Pasteur) 2. Ebola Reston Philippines FAO OIE WHO and GOARN partners (CDC, RITM, Geelong, NICD Tokyo) Pierre Formenty 3. SARS reservoir studies in China – Hume Field 4. The role in-situ conservation organizations play in disease surveillance programs – Patricia Reed 5. Social Mobilization and One Health: collaboration between national, regional and international partners – Asiya Odugleh
1800 – 1900	Level 1 Foyer	Welcome Reception Sponsored by Australian Biosecurity Intelligence Network
1915 – 2030	Level 1 Room 106	Movie Screening: Kuru: The Science and the Sorcery (2010) – Michael Alpers & Ben Alpers

TUESDAY 15 FEBRUARY

0700 – 1900	Level 1 Foyer	Registration Opens
0700 – 0815	Level 2 Room 218	European Commission Hosted Breakfast <i>One Health and the forgotten diseases</i> Invited Speaker: Alain Vandersmissen Scientific Speakers: Alexandra Shaw & Sue Welburn
0830 – 0930	Plenary Hall 1 Ground Level Access Doors 5 or 6	Plenary Session 3: Environmental Drivers Keynote Speaker: TBC & Peter Daszak Co-Chairs: Pierre Formenty and Moira McKinnon
0930 – 1015	Plenary Hall 1 Ground Level Access Doors 5 or 6	<i>Environmental Drivers Panel</i> Panel Speakers: Rita Colwell, Steven Osofsky, Tony McMichael, Mushtaque Chowdhury with TBC & Peter Daszak Co-Chairs: Pierre Formenty and Moira McKinnon

1015 – 1045 Level 1 Foyer Morning Tea, Exhibition and Poster Viewing

Out of the Box – Environmental Drivers

Level 1	111 & 112	110	109	106
1045 – 1245	Climate Change Chair: Cristina Tirado & Tony McMichael	Emerging Zoonoses – Avian influenza Chair: Robert Webster	Emerging Zoonoses – Surveillance approaches for specific diseases Chair: Henry Wilde	Emerging Zoonoses – Emerging wildlife diseases Chair: Peter Daszak
1045 – 1100	Paul R Gully <i>The Impact of Environmental Change on Disease Exposure in Canada's Aboriginal People</i>	Robert Webster <i>The role of avian influenza viruses in the genesis of mammalian strains</i>	Hajime Toyofuku <i>Salmonella Source Attribution in Japan by a Microbiological Subtyping Approach</i>	Lee Skerratt <i>Mitigating The Impact Of Diseases Affecting Biodiversity – Retrospective On The Outbreak Investigation For Chytridiomycosis</i>
1100 – 1115	Peter Black <i>Climate change impacts on infectious diseases – what decision makers need to know</i>	Jessie Trujillo <i>A Sero-molecular Epidemiological Study of Pandemic H1N1 Influenza Virus Infection in Companion Animals and its Relevance to the One Health Initiative</i>	Kathrin Schemann <i>Veterinarians as important biosecurity information providers during the 2007 equine influenza outbreak in New South Wales, Australia</i>	Alexandre Caron <i>Parasite community ecology and epidemiological interactions at the wildlife/domestic/human interface: can we anticipate emerging infectious diseases in their hotspots?</i>
1115 – 1130	Peter Durr <i>Emerging and re-emerging diseases of wildlife and domestic animals – defining the role of climate change</i>	Peter Daniels <i>Pandemic H1N1 influenza: one health discovery with emphasis on the veterinary sector</i>	Tracey McNamara <i>A Bird in Hand: The Power of Zoo Sentinels</i>	Stephanie Venn-Watson <i>Thinking outside the terrestrial box: How high-priority, emerging, and zoonotic marine mammal pathogens reflect those of human pathogens</i>
1130 – 1145	Aleisha Meade <i>The effect of climate variation on infectious diseases in humans in New Zealand</i>	Frank Wong <i>Characterisation of A(H1N1) 2009 pandemic influenza viruses from across the human-animal interface in Australian swine herds</i>	Elizabeth Cook <i>Community awareness and understanding of rabies in Nairobi Kenya</i>	Esther Schelling <i>RVF outbreak in Kenya: resource capacity, tasks and constraints of the public health and livestock sectors</i>
1145 – 1200	Shana Gillette <i>Adapting Livestock Systems to Climate Change: Communicating One Health</i>	Syed Ahmed <i>Spatial And Temporal Magnitude Of Highly Pathogenic Avian Influenza (H5N1), Bangladesh, 2007-2009</i>	Julien Cappelle <i>Identification of key areas for wildlife surveillance by combining spatial distribution of wild birds and an epidemiological indicator of Avian Influenza Virus circulation</i>	Nina Kung <i>Avian influenza surveillance in wild birds at Moreton Bay, Queensland</i>
1200 – 1215	Marcel Klaassen <i>Drought-rainfall cycles as potential environmental drivers of fowl plague and Newcastle disease outbreaks in Australian poultry</i>	Josef Järhult <i>Overuse of Tamiflu® could result in a pandemic with an oseltamivir resistant influenza virus – the fate of oseltamivir from a one health perspective</i>	Syed Abbas <i>Identifying research priorities for Zoonoses research in India (2010–2015)</i>	Declan O'Brien <i>One Health – Contribution of the veterinary industry</i>
1215 – 1230	Maria Tirado <i>Addressing One Health in a changing Climate</i>	Gunawan Setiaji <i>Analysis of Three Highly Pathogenic Avian Influenza Surveillance Systems of Domestic Poultry in Indonesia: SIKHNAS, INFOLAB AND PDSR, 2008-2009</i>	Henry Wilde <i>New developments, challenges and controversies in rabies</i>	Dalen Agnew <i>Reproductive diseases of livestock as a threat to food security</i>
1230 – 1245	Manny Noakes <i>Greenhouse Gas Emissions from Australian Diets</i>	Leslie Sims <i>Lessons from the frontline on 'One Health' approaches – H5N1 highly pathogenic avian influenza, 1997–2011</i>	double presentation	Rupert Woods <i>Lead poisoning of free-ranging birds at Esperance: what does "One Health" really mean?</i>

105	104	103	101 & 102
Public Health in the Future Chair: Rainer Engelhardt	Agricultural Intensification Chair: Peter Holdsworth	Education to respond to One Health Chair: David Musoke	Social Demographic Drivers Chair: Hume Field
Robyn Alders <i>One Health Central and Eastern Africa: bringing health professionals together</i>	Delia Grace <i>The role of international agriculture research in addressing human disease associated with agriculture</i>	Gretchen Kaufman & Joann Lindenmayer <i>Constructing a One Health Curriculum</i>	Muktasam Abdurrahman & Jenny-Ann Toribio <i>Peoples' Perception Of Hpai: Lessons Learned From Live Bird Movement Studies In Bali And Lombok – Indonesia</i>
Julia Landford <i>Gender Implications for One Health Approaches</i>	Paul Forster <i>Responding to highly pathogenic avian influenza – contract farming, market chains, and debt relations</i>	Suzana Tkalcic <i>Paving The Road To One Health: Veterinary Medicine And Interprofessional Education</i>	Hume Field <i>Investigating the 'why' and 'where' of Hendra virus infection in horses</i>
Suwit Wibulpolprasert <i>One Health Challenges for Asia</i>	Colin Butler <i>Beware of pigs near wings: piggeries, birds, bats and human health</i>	Esther Carrigan <i>Building the Foundation for a One Health Perspective through Professional and Graduate Student Educational Experiences</i>	Bassirou Bonfoh <i>Contribution of transdisciplinary studies to risk analysis concept: insight into milk safety in Mali</i>
Craig Stephen <i>Ecosystem Health, Public Health and One Health</i>	Lovisa Svensson <i>Infection Ecology and Epidemiology, IEE network – a new interdisciplinary collaboration of researchers in zoonotic infections</i>	Mbaabu Mathiu & Jeffrey Griffiths <i>Curriculum Co-Development (Ccd): A Novel Pedagogical Method For One-Health Education</i>	Alexandra Kamins <i>Use of bats as bushmeat: Implications for human health in Ghana, West Africa</i>
David Waltner-Toews <i>Beyond the Bureaucratic Mandate: Re-imagining Public Health as One Health</i>	Katinka de Balogh <i>Innovative approaches in Veterinary Public Health by embracing the One Health framework</i>	Siobhan Mor <i>Using a competency-based enterprise architecture for teaching and learning to support One Health education in the classroom and the field</i>	Greg Simpson <i>Perceptions of the impact of wildlife on the health and livelihood of humans and domesticated animals near the Limpopo National Park, Mozambique</i>
Carol Rubin <i>Public Health's Role in Mitigation and Response to Extreme Events and Aftermath</i>	Azage Tegegne <i>Farmer innovations, adaptation to climate change and intensification of smallholder crop-livestock farming systems through market-orientation: Evidence from Ethiopia</i>		Delia Grace <i>Cysticercosis in a population of epileptics in western Kenya: relating human and pig risk factors</i>
Bonnie Buntain <i>Social Determinants of Health in One health</i>	Glenn Marsh <i>Ebola Reston virus infection of pigs: disease significance and transmission potential</i>	Paul Gully <i>Evaluating Digital Storytelling in Communicating Health Messages in an Inuk Community</i>	Elizabeth Tudor <i>The screening of canine populations for parasites with zoonotic potential, as part of a canine health program in Australian Indigenous communities</i>
	Peter Holdsworth <i>Approach to managing emerging disease threats in Australia – an example for successful government – industry co-operation</i>	David Musoke <i>Global Health Institute – One Health training experiences from Uganda</i>	Brigitte Bagnol <i>Gender and culturally sensitive participatory surveillance of emerging pandemic threats</i>

DETAILED PROGRAM

1245 – 1330	Level 1 Foyer	Lunch, Exhibition and Poster Viewing			
1330 – 1400	Plenary Hall 1 Ground Level Access Doors 5 or 6	Hans Draayer <i>The Veterinary Biologics Industry Response to Emerging Disease</i>			
1400 – 1445		Sponsored Department of Health Victoria Plenary Session 4: Trade, Food Security & Food Safety Keynote Speaker: David Nabarro Co-Chairs: Mark Rweyemamu and Jørgen Schlundt			
1445 – 1530		Sponsored Department of Health Victoria <i>Trade, Food Security & Food Safety Panel</i> Panel Speakers: Brian Evans, Jonathan Rushton, Junaidu Maina and Henrik Caspar Wegener with David Nabarro Co-Chairs: Mark Rweyemamu and Jørgen Schlundt			
1530 – 1600	Level 1 Foyer	Afternoon Tea, Exhibition and Poster Viewing			
		Out of the Box – Trade, Food Security and Food Safety <i>Sponsored Department of Health Victoria</i>			
	Level 1	111 & 112	110	109	106
1600 – 1800	Level 1 See Rooms above session name	Emerging Zoonoses – General zoonotic approaches Chair: Margaret Curran	Emerging Zoonoses – Emerging livestock diseases Chair: Mike Nunn	Food Safety & Food Security Chair: Jørgen Schlundt	Integrating Surveillance Systems (2) Chair: James Watson
1600 – 1615		Margaret Curran <i>Watching 'One's Health'</i>	Mark Tamplin <i>Climate Change and Its Implications on Pathogenic Vibrio Species in Marine Environments and Seafood</i>	Maria Tirado <i>Climate change and food and nutrition security</i>	Siobhan Mor <i>Assessing seasonality of vectorborne and zoonotic infectious diseases</i>
1615 – 1630		Delia Grace <i>A systematic review of zoonoses transmission and livestock/wildlife interactions</i>	Nicolas Gaidet <i>Potential spread of highly pathogenic avian influenza H5N1 by wildfowl: dispersal ranges and rates determined from large-scale satellite telemetry</i>	Paul R Gully <i>Trade, Food Security and Food Safety: A Canadian Perspective</i>	Aidan Lyon <i>Crowdsourcing Biosecurity Intelligence</i>
1630 – 1645		Jacques Godfroid <i>Zoonotic diseases at the animal/human interface in the Arctic</i>	Paul Forster <i>Responding to highly pathogenic avian influenza – surveillance in Indonesia</i>	Alain Vandersmissen <i>Examples of applied "One Health" policies in the EU</i>	James Watson <i>Can my database talk to your database? Why data standards matter, but implementing them matters even more</i>
1645 – 1700		Akinbowale Jenkins <i>The burden and diagnostic challenges of neglected zoonotic diseases of bacterial origin in sub-Saharan Africa through the eyes of a veterinarian</i>	Paul Monaghan <i>Cellular pathogenesis of bluetongue virus: should we be looking at the host or the insect vector?</i>	Bethany Hoyer <i>You are what you eat: influence of host ecology on infection risk in populations and individuals</i>	Louise Gresham & Suwit Wilbulpolprasert <i>Connecting Health Organizations for Regional Disease Surveillance (CHORDS): Transforming international dialogue to counter biological threats</i>
1700 – 1715		Adam Kamradt-Scott <i>Framing the debate: differing ideas and their impact on pandemic influenza preparedness and response</i>	Mehdi Sakha <i>A Retrospective Study of Bovine Tuberculosis Eradication Project and Human Tuberculosis</i>	Mark Tamplin <i>Stochastic modelling of environmental survival of E. coli and changes in risk to public health</i>	Michael Day <i>The World Small Animal Veterinary Association One Health Committee: Positioning Animals in Global Infectious Disease Surveillance</i>
1715 – 1730		Jan Sargeant <i>The current state of knowledge of zoonoses and the implications for research outcomes in disease prioritization in Canada</i>	Rodrigo Jorge <i>Evidence of exposure of wild Carnivores captured in the Pantanal (Brazil) to Canine Parvovirus</i>	Heather Haines <i>More than a brochure – getting the food safety message out using Dofoodsafely</i>	Marc Kabay <i>Establishing a virtual microscopy laboratory network through the Australian Biosecurity Intelligence Network</i>
1730 – 1745		Lucille Blumberg <i>Clinico-pathological features and risk factors associated with Rift Valley fever outbreaks in South Africa, 2008-2010</i>	Rick Culbert <i>The One Health challenge of implementing cattle vaccination against E. coli O157 to reduce the risk of human infection: a case study</i>	John Bowman <i>Persistent phenotypes in Listeria monocytogenes revealed by a high throughput proteomics approach</i>	Kathe Bjork <i>Ensuring biosecurity, food safety and food security during animal disease outbreaks: U.S. proactive risk assessments and the Secure Egg Supply Plan</i>
1745 – 1800		David Hall & Quynh Le Ba <i>Building Capacity for Ecohealth Research in Asia</i>	Mike Nunn <i>Biosecurity intelligence-gathering: an analysis of an avian influenza network</i>	Delia Grace <i>Comparing knowledge, attitude and practice of meat safety in three developing countries (Nigeria, India, Vietnam)</i>	Adam Kamradt-Scott <i>The cost of doing business: global health security, intellectual property & the virus sharing controversy</i>

105	104	103	101 & 102
<p><i>Sponsored by The Rockefeller Foundation</i></p> <p>One Health Alliance Of South Asia (Ohasa): Predicting And Preventing The Next Emerging Disease On The Indian Subcontinent Chairs: Alonso Aguirre & Peter Daszak</p>	<p>Globalisation Chair: Steven Osofsky</p>	<p>Antimicrobial Resistance Chair: John Turnidge</p>	<p>Emerging Zoonoses – Bats and Henipa virus Chair: Deborah Middleton</p>
<p>Alonso Aguirre & Peter Daszak</p> <p><i>One Health Alliance of South Asia (OHASA): Predicting and Preventing the Next Emerging Disease on the Indian Subcontinent</i></p>	<p>Reg Butler</p> <p><i>Global eradication of classical BSE – when; and what will it mean?</i></p>	<p>Johan Stedt</p> <p><i>Divergent, and locally high, levels of antibiotic resistant bacteria in European Herring gulls (<i>Larus argentatus</i>) conform to patterns of human clinical antibiotic usage</i></p>	<p>Deborah Middleton</p> <p><i>Emerging virus infections of bats: old relationships, new paradigms</i></p>
<p>Nitish C. Debnath</p> <p><i>Networking for Promoting Change Towards One Health in South Asia</i></p>	<p>David Adamson</p> <p><i>Unpeeling the Analysis Myopia</i></p>	<p>Peter Silley</p> <p><i>Understanding the transfer of resistance from animals to man – an example: campylobacter in poultry</i></p>	<p>Alison J. Peel</p> <p><i>Evidence of Henipaviruses and Lyssaviruses in isolated island populations of African fruit bats</i></p>
<p>Mushtaque Chowdhury</p> <p><i>The Mekong Basin Disease Surveillance Network: A One Health Approach for Training and Surveillance in South Asia</i></p>	<p>Steven Osofsky</p> <p><i>One Health Policy Options For Biodiversity, Livelihoods And Transboundary Disease Management In Southern Africa</i></p>	<p>Adnan Khan & Amber Farooqui</p> <p><i>Molecular mechanism of antibiotics resistance in poultry isolates of <i>Campylobacter jejuni</i></i></p>	<p>Craig Smith</p> <p><i>Identification and inter-species transmission of Australian bat coronaviruses: the precursors for emergence and indications of host taxonomy tropism suggesting co-evolution</i></p>
<p>S. M. Mursalin</p> <p><i>Improving Preparedness and Response to Emerging Zoonotic Diseases by Strengthening Community Surveillance in Pakistan: Plan for Inter-Sectoral Collaboration</i></p>	<p>David Hall</p> <p><i>Impact on human, animal, and ecosystem health and food security from restructuring of livestock production farming practices in Vietnam</i></p>	<p>David Castellan</p> <p><i>Development and Implementation of Multi-Disciplinary, Multi-Sectoral Training Modules Through the Regional Field Epidemiology Training Program for Veterinarians</i></p>	<p>Raina Plowright</p> <p><i>Urban habituation, connectivity, and stress synchrony: Hendra virus emergence from flying foxes (<i>Pteropus spp.</i>)</i></p>
<p>Manish Kakkar</p> <p><i>Developing One Health Approaches in India</i></p>	<p>Esther Schelling</p> <p><i>Enhancing joint delivery of human and animal health services in remote areas</i></p>	<p>Jane Heller</p> <p><i>Ask the expert: Difficulty in expert estimation of transmission of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) between the environment, pets and humans</i></p>	<p>Jonathan Epstein</p> <p><i>Integrating Nipah virus ecology in Pteropodid bats into a comprehensive surveillance program in Bangladesh</i></p>
<p>Mahmud Rahman</p> <p><i>Infectious Disease Issues in Bangladesh Requiring a One Health Approach</i></p>	<p>Steve Sloan</p> <p><i>Leveraging One Health: Lessons from partnerships with international organisations, industry and the public sector</i></p>	<p>Peter Collignon</p> <p><i>Antibiotic resistant bacteria are frequently ingested by people via foods produced from animals fed antibiotics</i></p>	<p>Andrew Breed</p> <p><i>On The Distribution Of Henipaviruses In The Australasian Region: Does Nipah Virus Occur East Of The Wallace Line?</i></p>
<p>Ishtiak Uddin Ahmed</p> <p><i>The role of wildlife in emerging diseases in Bangladesh</i></p>	<p>Wantanee Kalpravidh</p> <p><i>Operationalizing ONE HEALTH at the Grass-Root Level:</i></p>		<p>Lin-Fa Wang</p> <p><i>Henipavirus: from emergence to control</i></p>
<p>Dr. Baqui</p> <p><i>Economically important Animal and Zoonotic Diseases in Bangladesh</i></p>	<p>Julia Landford</p> <p><i>A Social Science Perspective on Diseases of Poverty and One Health approaches</i></p>		<p>Hume Field</p> <p><i>Island flying foxes – an insight into Hendra virus persistence?</i></p>

DETAILED PROGRAM

1800 – 2130	Ground Level Foyer Plenary Hall 1 Access Doors 5 or 6	<p><i>Sponsored by Abbott Molecular</i> Evening Session & Cocktail Reception 1800 – 1900 – Cocktail Reception 1900 – 2130 – Keynote Addresses with a break for dessert</p> <p>One Health Plenary Thoughts Chairs: Martyn Jeggo & John Mackenzie</p> <p>Rita Colwell – Exploring the One Health Paradigm Jimmy Smith – What are the economic drivers for One health? Albert Osterhaus – What’s important about the Animal Human Interface? Ian Lipkin – The importance of Pategoen Discouny in the One health Agenda – <i>Speaker Sponsored by Pfizer</i></p>
WEDNESDAY 16 FEBRUARY		
0700 – 0830	Level 1 Room 110	International Society for One Health Round-table discussion – all welcome
0830 – 1730	Level 1 Foyer	Registration Opens
0830 – 0915	Plenary 1 Ground Level Access Doors 5 or 6	<p>Dominique Charron – <i>Yes, we can move research results into policy: Experiences of an Ecosystem approach to Health</i> Pongpisut Jongudomsuk – <i>Thailand: A Double challenge: Cross-sectoral research for public health policy</i> Jing Fang – <i>Transforming public health to implement one health/ecohealth</i> <i>Science, Policy and Political Action Panel – Sponsored by IDRC</i></p>
0915 – 0945	Plenary 1 Ground Level Access Doors 5 or 6	<p><i>Stone Mountain meeting: Major issues and follow-up</i> Speaker: Carol Rubin Chair: Martyn Jeggo</p>
0945 – 1015	Level 1 Foyer	Morning Tea, Exhibition and Poster Viewing
1015 – 1115	Plenary 1 Ground Level Access Doors 5 or 6	<p><i>Sponsored by the Public Health Agency of Canada</i> Plenary Session 5: <i>Science, Policy and Political Action</i> Keynote Speakers: David Butler-Jones -One Health: Science, Policy and Political Action , Jane Halton – Title to be confirmed Co-Chairs: Brian Evans and Martyn Jeggo</p>
1115 – 1215	Plenary 1 Ground Level Access Doors 5 or 6	<p><i>Sponsored by the Public Health Agency of Canada</i> Plenary Session 5: <i>Science, Policy and Political Action</i> Discussion Speakers: Paul Forster, Jørgen Schlundt, with David Butler-Jones and Jane Halton Co-Chairs: Brian Evans and Martyn Jeggo</p>
1215 – 1300	Level 1 Foyer	<p><i>Lunch Sponsored by DAI</i> Lunch, Exhibition and Poster Viewing</p>
		DAI Open Discussion Session 106



0700 – 0830
Level 1
Room 111 & 112

Rabies in Bali Morning Session

Anak Agung Gde Putra – *Epidemiology and dog ecology of rabies in Bali*, **Helen Scott-Orr** – *Developing an integrated multi-agency funded response to Rabies in Bali*



DETAILED PROGRAM

		Out of the Box Sessions – Science, Policy and Political Action <i>Sponsored by PHAC</i>			
Level 1		111 & 112	110	109	106
1300 – 1500	Level 1 See Rooms above session name	Role of international organisations, foundations & industries Chair: Jimmy Smith	<i>Sponsored by IDRC-ILRI</i> Enough One Health Talk: Achieving Effective Integrated Cross-Sectoral Action for Better Health Chair: Tri Satya Putri (TaTa) Naipospos	One Health Policy, Implications & Benefits Chair: Moira McKinnon	<i>Sponsored by U.S. Agency for International Development</i> One Health and Human Prosperity: Insights from H5N1 Chair: Gary Mullins
1300 – 1315		Wantanee Kalpravidh <i>Development and Utilization of a Network of Laboratories to Support Early Disease Detection and Epidemiological Studies of Zoonotic Diseases</i>	<i>Part 1 – Institutional arrangements, policies and regulations for cross-sectoral decision making to achieve one health and ecohealth objectives</i>	Hillery Harvey & Douglas Lush <i>Enhanced Partnerships among Animal, Human, and Ecosystem Health Sectors in New Zealand: Recommendations toward a Convergent Path</i>	Gary Mullins <i>“Trade, Disease Risk and the Global Shell Game: A supply chain approach to identifying and evaluating risks for entry of Highly Pathogenic Avian Influenza (H5N1) into southern Africa”</i>
1315 – 1330		Donnamarie O’Connell & Richard Ssuna <i>The role of non-governmental organisations in supporting veterinary services in developing countries: Case study of a Newcastle disease vaccination programme in Malawi</i>	John McDermott <i>Institutional arrangements for achieving one health and ecohealth outcomes</i>	Rainer Engelhardt <i>One Health: A Canadian Public Health Approach</i>	Rich Magnani <i>Public – Private Partnerships Improve Live Bird Markets in Bangladesh</i>
1330 – 1345		Jim Thompson <i>The Policy of Science in Government</i>	Wiku Adismito <i>Development of avian influenza policies in SE Asia – lessons for one health</i>	Joseph Anelli <i>Implementing One Health Policies in Bureaucratic Organizations: Moving from Forming, Storming, and Norming to Performing</i>	Rich Magnani <i>A Breakthrough in Public & Private Sector Dialogue in Egypt</i>
1345 – 1400		Scott Newman <i>Realising One Health: How the Food and Agriculture Organization of the United Nations Envisions Success</i>	Fang Jing <i>Land use change and health in a transboundary context – implications for decision-making</i>	Bassirou Bonfoh <i>Proof of One Health concept: towards capacity building and intersectoral interventions</i>	Jarra Jagne <i>Protecting The Public Health: Strategies For Managing H5N1 Risks in West African Live Bird Markets</i>
1400 – 1415		Mike Nunn <i>Developing practical risk assessment into public health: a multidisciplinary approach</i>	Part 2 – Case studies of Ecohealth research	Helen Engelke <i>Inter Professional Education: A Novel Curriculum Bridging the Educational Divide of Medical, Veterinary and other Health Professional Students</i>	David Tardif-Douglin <i>Policies and Regulations Relating to Biosecurity and HPAI Risk Reduction in Live Bird Markets</i>
1415 – 1430		Jacobus Coetzer <i>One Health Training Programme: OIE Collaborating Centre for Training in Livestock and Wildlife Health and Management</i>	Khieu Borin <i>Avian Influenza and Backyard Poultry Systems in Cambodia</i>	Marion Carey <i>The value of biodiversity to human health: an Australian perspective</i>	John Bowman <i>Development of Safe, Free-Range Poultry Supply Chains for Small Farmers in Vietnam</i>
1430 – 1445		Joann Lindenmayer & Gretchen Kaufman <i>Educating One Health Policy Makers: Content and Methodological Challenges</i>	Nguyen Viet Hung <i>Addressing zoonotic threats in the food system in Vietnam</i>	Andrea Meisser <i>One Health in Switzerland: A visionary concept at the crossroads?</i>	Timothy Obi <i>Partnering with live bird marketers, producer associations and local municipal government to reduce HPAI H5N1 risks in West Africa</i>
1445 – 1500		Siobhan Mor <i>Curriculum asset mapping for One Health: A problem-oriented approach</i>	Pattamaporn Kitayapong <i>Eco-Bio-Social Research for Dengue Prevention and Control in Asia – A study in 6 countries</i>	Diarmid Campbell-Lendrum <i>Representing health in global environmental agreements</i>	Gary Mullins & Caesar Layton <i>“Establishing incentives for improved farm biosecurity through private sector partnerships: the CBAIC experiment in Indonesia”</i>
1500 – 1530		<i>Level 1 Foyer</i>	Afternoon Tea, Exhibition and Poster Viewing		
1530 – 1630	<i>Plenary 1 Ground Level Access Doors 5 or 6</i>	<i>Sponsored by the Department of Health and Aging (DOHA)</i> Plenary Session 6: <i>Future Directions towards Global Survival – the Next Steps.</i> Keynote Speakers: David Heymann <i>Shifting from Emergency Response to Prevention of Pandemic Disease Threats at Source</i> , Simon Easta – <i>Predictive</i>			
1630 – 1745		<i>Sponsored by the Department of Health and Aging (DOHA)</i> <i>Future Directions towards Global Survival – the Next Steps Panel</i> Panel Speakers – Jane Halton, Carol Rubin, David Naburro and Juan Lubroth with David Heymann and Simon Easta Co-Chairs: Jimmy Smith and Rita Colwell			
1745 – 1800		Congress Closing Comments by Co-Chairs: Martyn Jeggo and John Mackenzie			

105	104	103	101 & 102
Global Outbreak Alert and Response – GOARN Chair: Patrick A. Drury	<i>Sponsored by CAPPE</i> Ethics, Dual Use & Research Programs Chair: Michael Selgelid	Global, Regional or Bilateral approaches to managing risks Chair: Peter Daniels	Investments and Challenges in Developing a Risk-Based Approach for Predicting and Preventing Emerging Pandemic Threats Chair: Dennis Carroll
Pat Drury <i>Global Outbreak Alert and Response Network (GOARN)</i>	Christian Enemark <i>An Australian Code of Conduct on Biosecurity</i>	Peter Daniels <i>OFFLU, a novel international partnership approach to a major zoonotic threat</i>	Dennis Carroll <i>An Overview and Strategic Framework for Addressing Emerging Threats</i>
Julio Pinto <i>The Joint FAO/OIE/WHO Global Early Warning and Response System</i>	Asiya Odugleh-Kolev <i>WHO project on responsible life sciences research for global health security: an integrated approach towards global health security</i>	Bryden Jane Stanley <i>Spontaneous canine model for bulbar-onset neurodegeneration</i>	Peter Daszak <i>Modeling Risk: The Use of Geo-Temporal Models for Focusing Risk Reduction Interventions</i>
Stephanie Williams <i>Zoonotic events of potential international public health concern – WHO’s operational perspective</i>	Jacques Van Rooyen <i>The Mnisi Community Programme: Innovative platform for applied training and research within the “One Health” concept</i>	Ro McFarlane <i>Building the bridges between human and animal health, environmental management and land-use planning</i>	Richard Hatchett <i>The U.S. Government’s Strategic Framework for Addressing Emerging Threats</i>
Takeshi Kasai <i>A World Health Organization Framework for Zoonoses in the Asia-Pacific Region</i>	Victoria Ng <i>An empirical and quantitative approach to the prioritization of zoonotic diseases of public health importance in Canada</i>	Sophie Constable, Felicity Smout & Ruth Pye <i>Managing the ecological and human health impacts of dogs: a global issue with local solutions</i>	Robyn Alders <i>A “One Health” strategy for building capacities to prevent and respond to disease outbreaks</i>
Gyanendra Gongal <i>One Health Approach for Emerging Zoonoses – Principle to Practice</i>	Michael Day <i>The WSAVA One Health Committee: Promoting Comparative Clinical Research – the Value of the Companion Animal Model</i>	Alexandre Caron <i>Estimating and validating a dynamic risk factor model for pathogen transmission using community-level bird census data: avian influenza at the waterfowl/domestic bird interface in Zimbabwe</i>	Jonna Mazet <i>Predicting Pandemics: using a One Health approach to identify and mitigate the emergence and spread of zoonoses from wildlife</i>
Jakob Zinsstag <i>“One health”: Points of leverage of closer cooperation of human and animal health</i>	Marguerite O’Haire <i>Promoting human and animal health through early humane education: Perspectives and future directions based on HAI research</i>	David Castellan & Wantanee Kalpravidh <i>Strengthening and Supporting Capacity in Veterinary Epidemiology at Individual and Institutional Levels to Promote a One Health Approach in the Region of Asia and the Pacific</i>	Kama Garrison <i>Lowering Risk: From Policy to Practices</i>
Juan Lubroth <i>Global Health Security Agenda in a Millennium Development Goal context</i>	Thomas Pogge <i>The Health Impact Fund</i>	Greg Simpson <i>Creation and evaluation of a practical “One Health” veterinary and medical student training program in rural South Africa</i>	Brad Schneider <i>Strategy for “Predictive Surveillance”: Building a Longitudinal Database for Identifying Threats Before They Emerge</i>
Monica Musenero Masanza <i>Innovations for One Health Capacity Building and Operationalization: AFENET’s Experience</i>	Michael Selgelid <i>Public Health Surveillance Ethics</i>	Peter Black <i>How can foresight approaches help to shape shared ‘one health’ visions across sectors and disciplines?</i>	

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