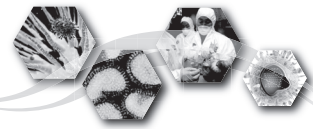


Wechesday 2 June 2010	
Thursaday 3 June 2010	
14.00-17.00 hrs	Registration at Aranda Ballroom
08.00-09.00 hrs.	Registration and poster registration
09.00-09.10 hrs.	<p>Welcome remark Prasit Palittapongpim Vice President of National Science and Technology Development Agency (NSTDA), Thailand</p> <p>Opening ceremony Yongyuth Yuthavong National Science and Technology Development Agency (NSTDA), Thailand</p> <p>Chairperson: Prasert Thongcharoen</p>
09.10-10.00 hrs.	<p>Influenza-the role of avian influenza viruses in the genesis of pandemic influenza Robert G. Webster St. Jude Children's Research Hospital, USA</p> <p>Coffee break</p> <p>Emerging molecular targets and drugs in Malaria Yongyuth Yuthavong National Science and Technology Development Agency (NSTDA), Thailand</p> <p>Poster presentation (Aranda Ballroom)</p> <p>Lunch</p> <p>Poster presentation</p>
14.00-14.30 hrs.	<p>Influenza session (Aranda Ballroom) Chairperson: Robert G. Webster</p> <p>Estimation on the magnitude of the 2009 pandemic influenza spread after subsidence of the first epidemic wave by serological assays Pilaipan Puthavathana Mahidol university, Thailand</p> <p>Epidemiology of 2009 pandemic influenza: Thailand's experience</p> <p>Sopon Iamsirithavorn Ministry of Public Health, Thailand</p>
11.15-12.00 hrs.	<p>TB session (Hermitage meeting room) Chairperson: Prasit Palittapongpim</p> <p>Recent experience of emerging and re-emerging infectious diseases in Thailand</p> <p>Pasakorn Akrasewi Ministry of Public Health, Thailand</p> <p>Molecular detection and molecular analysis of <i>Mycobacterium tuberculosis</i> from pulmonary TB and tuberculous meningitis patients in Thailand</p> <p>Angkana Chairprasert Mahidol University, Thailand</p>
12.00-13.00 hrs.	<p>Malaria session (Merlot meeting room) Chairperson: Yongyuth Yuthavong</p> <p>Host variability in immune response against malaria: cytokine gene polymorphism and diseases outcome</p> <p>Srisin Khumsmith Mahidol University, Thailand</p> <p>Role for G6PD deficiency in protection against malaria in South East Asia</p> <p>Chalisa Louicharoen Cheepsunthorn Chulalongkorn University, Thailand</p>
13.00-14.00 hrs.	<p>Dengue Session (Bardolino meeting room) Chairperson: Prida Malasit</p> <p>Heterogeneity of dengue virus particles</p> <p>Nopporn Sittisombut Chiang Mai university, Thailand</p> <p>Research and development of dengue PrM/E tetraivalent DNA-based vaccine</p> <p>Kiat Ruxrungtham Chulalongkorn University, Thailand</p>

15.00-15.30 hrs.	The novel antiviral role of BST-2/Tetherin against influenza virus infection Anan Jongkaewwattana BIOTEC, Thailand	16S rRNA dimethyltransferase (KsgA) plays a role in intrinsic macrolide resistance in <i>Mycobacterium tuberculosis</i> Therdsak Prammananan BIOTEC, Thailand	Insights into pyrimidine biosynthesis of human malaria parasite Jerapan Krungkrai Chulalongkorn University, Thailand	The first dengue vaccine efficacy trial in 4,000 children Aruee Sabcharoen Mahidol University, Thailand
15.30-15.50 hrs.	Coffee break			
Oral presentation room 1 (Aranda Ballroom)				
Chairperson: Aruee Thithithayanont				
15.50-16.10 hrs.	Invited: Influenza virus contamination during the 2009 influenza A (H1N1) pandemic in Bangkok, Thailand Jens W. Levy Thailand MOPH-US CDC Collaboration	Invited: The adaptor protein p62 is an important mediator in autophagic killing of <i>Mycobacterium</i> by macrophages. Marisa Ponpuak Mahidol University, Thailand	Oral presentation on room 3 (Merlot meeting room) Chairperson: Pornpip Petmitr	Oral presentation on room 4 (Bardolino meeting room) Chairperson: Noppom Sittisombut
16.10-16.30 hrs.	Enhanced susceptibility of nasal polyp tissues to avian and human influenza viruses Ornpreya Suptawiwat Mahidol University, Thailand	Drug resistance of <i>Mycobacterium tuberculosis</i> isolates from Sichuan province in China and their genotyping by 24-locus MIRU-VNTR Qun Sun Sichuan University, P.R. China	Immunization by a single injection of 19 kDa carboxy-terminal fragment of <i>Plasmodium yoelii</i> Merozoite Surface Protein 1 (MSP119) can induce a protective immune response in mice Chakrit Hirunpetcharat Mahidol University, Thailand	Discovery of Nipah virus in Thailand Supaporn Wacharapluessadee Chulalongkorn University, Thailand
16.30-16.50 hrs.	Functional implications of influenza A virus NS1-mediated enhancement of protein translation Jarin Kramyu BIOTEC, Thailand	Pseudogenization of <i>Yersinia pestis</i> palmitoyltransferase, a path to high virulence Iyarit Thaipisuttikul Mahidol University, Thailand	Generation of <i>Plasmodium berghei</i> expressing <i>Plasmodium vivax</i> dihydrofolate reductase-thymidylate synthase enzyme for antifolate screening Voravuth Somsak Chiang Mai University, Thailand	Immunodominant T cell responses to dengue virus NS3 are associated with DHF Thaneeya Duangchinda BIOTEC, Thailand
16.50-17.10 hrs.	Cross reactive antibodies in non-H5N1 Virus infected subjects against avian influenza H5N1 viral proteins expressed in recombinant vaccinia viruses Prom Noisumdaeng Mahidol University, Thailand	<i>Bartonella</i> spp. infections and prevalence of <i>Bartonella</i> antibodies among patients presenting to community hospitals in rural Thailand Saithip Bhengsi Thailand MOPH-US CDC Collaboration	Localization of serine hydroxymethyltransferase isoforms in <i>Plasmodium falciparum</i> Wichai Pornthanakasem BIOTEC, Thailand	Using GFP gene as a reporter for replicons characterization during 5'NCR mutant DEN-2 vaccine development Vijitra Leardkamolkarn Mahidol University, Thailand
17.10-17.30 hrs.	Genetic determinants of temperature sensitivity of H5N1 avian influenza virus Nattamon Siboonnan Mahidol University, Thailand	Analyses of putative virulence factors of <i>Burkholderia pseudomallei</i> using lipopolysaccharide, capsule, and fragellin mutants Surasakdi Wongratanchewin Khon Kaen University, Thailand	Understanding and prioritising zoonoses and emerging infectious diseases in Southeast Asia Fred Unger International Livestock Research Institute, Kenya	Reconstruction of dengue quasispecies population from massively parallel sequencing Puthita Sumanon Chulalongkorn University, Thailand
17.30-18.30 hrs.	Poster presentation			Survey of rickettsial vectors and reservoir hosts in military areas of operation (AOs) along Northern Thai-Myanmar and Thailand-Cambodia borders Jariyanart Gaywee AFRIMS, Thailand



Friday 4 June 2010

Chairperson: Yongyuth Yuthavong				
09.00-09.40 hrs.	Towards the clinical pipeline of SE36, a malaria vaccine that targets the Achilles' heel antigen of <i>Plasmodium falciparum</i> Toshihiro Hori Osaka University, Japan			
09.40-10.20 hrs.	Rabies; can it be cured? Thiravat Hemachudha Chulalongkorn University, Thailand			
10.20-10.40 hrs.	Coffee break			
	Influenza session (Aranda Ballroom)	TB session (Hermitage meeting room)	Malaria session (Merlot meeting room)	Dengue Session (Bardolino meeting room)
	Chairperson: Pliapan Puthavathana	Chairperson: Virasakdi Chongsuivatwong	Chairperson: Jerapan Krungkrai	Chairperson: Kiat Ruxrungtham
10.40-11.10 hrs.	H1N1 2009 pandemic influenza is resistance to innate anti-viral defense of the lung Prasert Auewarakul Mahidol University, Thailand	Structural modification of curcuminoids to isoxazole analogs with highly potent multidrug resistant antimycobacterial activity Apichart Suksamram Rhamkamheang University, Thailand	Molecular characterization of <i>Plasmodium falciparum</i> polynucleotide kinase/phosphatase Ponntip Petmitr Mahidol University, Thailand	Basic and translational research in dengue hemorrhagic fever (DHF) based on a clinical cohort Prida Malasit Mahidol University, Thailand
11.10-11.40 hrs.	Towards therapeutic antibodies for infections and intoxications Wanpen Chaicumpa Mahidol University, Thailand	Essential genes as novel drug targets of <i>Mycobacterium tuberculosis</i> Prasit Palittapongpim NSTDA, Thailand	Multidrug resistant malaria: research on antimalarials and where do we go from here? Sivicha Krudsood Mahidol University, Thailand	The changing definitions of dengue disease Anon Srikiatkachorn AFRIMS, US-Thailand
11.40-12.10 hrs	Clinical development of Sanofi Pasteur pandemic (H1N1) 2009 influenza vaccines: key immunologic observations Sunate Chuenkitmongkol Sanofi Pasteur Ltd, Thailand	Role of phenotypically and functionally distinct subsets of T cells via lymphocyte granule exocytosis in Tuberculosis Srisin Khusmith Mahidol University, Thailand	Investigation of antimalarial action of dihydroartemisinin by post-genomic tools Sumalee Kamchonwongpaisan BIOTEC, Thailand	Identification and characterization of an insect cell expressed dengue virus receptor Duncan R. Smith Mahidol University, Thailand
12.10-14.00 hrs.	Lunch and poster presentation			
	Chairperson: Suwit Wibulpolprasert			
14.00-14.45 hrs.	Lesson learn for influenza and dengue vaccine development in Thailand Vichai Chokevivat & Suthee Yoksan Chairman of the Board, The Government Pharmaceutical Organization (GPO) & Mahidol University, Thailand			
14.45-15.30 hrs.	One world one health paradigm: can it be possible? Thiravat Hemachudha & Virasakdi Chongsuivatwong Chulalongkorn University & Prince of Songkla University, Thailand			
15.30-15.45 hrs.	Coffee break			
15.45-16.30 hrs.	APEIR regional network from AI outbreak to EIDs Suwit Wibulpolprasert, Panthep Ratanakorn and Thanit Damrongwatanapokin Ministry of Public Health, Mahidol university, Chulalongkorn University, Thailand			
16.30-16.45 hrs.	Closure meeting			