

PROGRAM AT A GLANCE

Venue: University of Science, VNU-HCM
 Address: 227 Nguyen Van Cu, District 5, Ho Chi Minh City, Vietnam
 Dates: September 19-22, 2018
 Abstract and biography of Speakers: <http://moh-vn.com/#speakers>

Date	Time	Program	
DAY 1 Sep. 19 (Wed)	13:00 -	Registration (Hall I)	
	13:00 – 17:00	Pre-conference event: Scientific writing and opportunities for postgraduate studies (Hall I)	
	17:30 – 21:00	Welcome dinner	
DAY 2 Sep. 20 (Thu)	8:00 – 9:00	Registration	
	9:00 – 9:30	Opening ceremony (Hall I)	
	9:30 – 10:10	Outside photography and coffee break	
	10:10 – 11:10	Plenary lecture 1	
	11:30 – 13:00	Lunch	
	13:00 – 14:30	Division 1, Session 1 Pathogenesis and Infections (Hall I)	Division 2, Session 1 Drug discovery (Room I.23)
	14:30 – 15:15	Coffee break and poster session	
	15:15 – 17:00	Division 1, Session 2 Pathogenesis and Infections (Hall I)	Division 2, Session 2 Drug discovery (Room I.23)
	17:30 – 21:00	GALA DINNER	
DAY 3 Sep. 21 (Fri)	8:30 – 10:00	Division 3, Session 1 Antimicrobial resistance, diagnostics and treatment (Hall I)	Division 4, Session 1 Zoonosis and One Health (Room I.23)
	10:00 – 10:30	Coffee break	
	10:30 – 11:30	Division 3, Session 2 Antimicrobial resistance, diagnostics and treatment (Hall I)	Division 4, Session 2 Zoonosis and One Health (Room I.23)
	11:30 – 13:00	Lunch	
	13:00 – 14:50	Division 5, Session 1 Vaccine development (Hall I)	Division 6, Session 1 Bioinformatics and Microbiome (Room I.23)
	14:50 – 15:30	Coffee break	
	15:30 – 17:10	Plenary lecture 2 and 3 (Hall I)	
	17:10 – 17:30	Poster award and closing ceremony (Hall I)	
DAY 4 Sep. 22	8:00 – 17:00	Tour to Mekong Delta	

DETAILED PROGRAM

DATE 1: SEPTEMBER 19, 2018 (PRE-CONFERENCE)

13:00 – 17:00	Pre-conference event: Scientific writing and opportunities for postgraduate studies (Hall I)
18:00 – 21:00	Dinner for invited guests of the conference MOH-VN

DATE 2: SEPTEMBER 20, 2018

8:00 – 9:00	Registration	
9:00 – 9:30	Opening ceremony	
9:30 – 10:10	Outside photography and coffee break	
	Chairs: Prof. Dang Duc Anh (National Institute of Hygiene and Epidemiology, Vietnam) & Prof. Michael Otto (National Institute of Health, USA)	
10:10 – 11:10	<i>Plenary lecture 1</i> : Bad bugs and bad drugs – antimicrobial resistance in Southeast Asia	Guy Thwaites , Oxford University Clinical Research Unit, VIETNAM
11:30 – 13:00	Lunch	

Division 1: Pathogenesis and Infections

13:00 – 14:30	Division 1, Session 1. Chairs: Prof. Dang Duc Anh (National Institute of Hygiene and Epidemiology, Vietnam) & Prof. Thomas Bock (Robert Koch-Institute, Germany)	
13:00 – 13:25	Hepatitis E Virus: A new emerging public health burden	Thomas Bock , Division of viral gastroenteritis and hepatitis pathogens and enteroviruses, Robert Koch-Institute, GERMANY
13:25 – 13:50	Avian Influenza H5N1 characterization in Vietnam	Le Thi Quynh Mai , National Institute of Hygiene and Epidemiology, VIETNAM
13:50 – 14:10	Development of diagnostic kits for the early rapid detection of arboviral diseases	Chom-Kyu Chong , GenBody Inc., KOREA

14:10 – 14:30	Clinical characteristics and virology of Hand, Foot and Mouth Disease in Southern Vietnam	Hoang Minh Tu Van , Oxford University Clinical Research Unit, VIETNAM
14:30 – 15:15	Coffee break and poster session	
15:15 – 17:00	Division 1, Session 2. Chairs: Prof. Le Thi Quynh Mai (National Institute of Hygiene and Epidemiology, Vietnam) Prof. Won Hee Jung (Chung-Ang University, Korea)	
15:15 – 15:40	Two cases report: anemia aplasia with Parvovirus infection in renal transplant recipients	Thanh Thanh Suzanne MCB , University of Medicine and Pharmacy at Ho Chi Minh City, VIETNAM
15:40 – 16:05	Whole Genome DNA Sequence Analysis of <i>Salmonella enterica</i> isolated from the caecum/fecal material of (live) swine and chicken in the Southeast region of Vietnam	Moon YF Tay , Nanyang Technological University Food Technology Centre (NAFTEC), Nanyang Technological University (NTU), SINGAPORE
15:05 – 16:30	Effect of Zinc and nano-curcumin on the development of antibiotic resistance in <i>Staphylococcus aureus</i>	Nguyễn Thị Thu Hoài , International University, VNU-HCM, VIETNAM
16:30 – 16:55	Understanding the Mechanism of Action of the Anti-Dandruff Agent Zinc Pyrithione against <i>Malassezia restricta</i>	Won Hee Jung , Department of systems biotechnology, Chung-Ang University, KOREA

Division 2: Drug discovery		
13:00 – 14:30	Division 2, Session 1. Chairs: Prof. Josef Jampilek (Comenius University in Bratislava, SLOVAKIA) & Prof. Vijai Kumar Gupta (Tallinn University of Technology, ESTONIA)	
13:00 – 13:25	Strategies Focused on Overcoming Bacterial Resistance: Design and Discovery of New Anti-infective Agents	Josef Jampilek , Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Comenius University in Bratislava, SLOVAKIA
13:25 – 13:50	Efflux pump inhibitors approach to combat multi-drug resistant bacteria	Thai Khac Minh , Department of Medicinal Chemistry, Faculty of Pharmacy, University of Medicine and Pharmacy at Ho Chi Minh City, VIETNAM

13:50 – 14:10	Antifungal Activity of Some Hydrosols from Aromatic Plants against Candida	Luong Thi My Ngan , University of Science, VNU-HCM, VIETNAM
14:10 – 14:30	Screening of sponge-derived bacteria for antibiotic producing isolates	Pham Thi Mien , Institute of oceanography, Nha Trang, VIETNAM
14:30 – 15:15	Coffee break and poster session	
15:15 – 17:00	Division 2, Session 2. Chairs: Prof. Thai Khac Minh (University of Medicine and Pharmacy at Ho Chi Minh City, VIETNAM) & Prof. Rachel Ee (National University of Singapore, SINGAPORE)	
15:15 – 15:40	Synthetic Peptide-Based Antimicrobials & Their Delivery: Prospects & Challenges	Rachel Ee , National University of Singapore, SINGAPORE
15:40 – 16:05	Fungal Production of Biopharmaceutical Enzymes	Vijai Kumar Gupta , Tallinn University of Technology, ESTONIA
16:05 – 16:30	Development of local antibiotic delivery system from fibrin gel to prevent bacterial biofilm graft infection	Doan Nguyen Vu , Lecturer, University of Science, VNU-HCM, VIETNAM
16:30 – 16:55	Oral vaccines produced by molecular display technology	Seiji SHIBASAKI , Hyogo University of Health Sciences, JAPAN

DATE 3: SEPTEMBER 21, 2018

Division 3: Antimicrobial resistance, diagnostics and treatment

8:30 – 10:00	Division 3, Session 1. Chairs: Prof. Tran Xuan Chuong (Hue University of Medicine and Pharmacy, Vietnam) & Prof. Wolfgang Schumann (University of Bayreuth, Germany)	
8:30 – 8:55	The problem of antibiotic-resistant and antibiotic-tolerant bacteria	Wolfgang Schumann , Institute of Genetics, University of Bayreuth, GERMANY
8:55 – 9:20	Antibiotic Resistance Challenge in Vietnam - Situation and Solutions	Pham Hung Van , Hochiminh City Society of Clinical Microbiology, VIETNAM
9:20 – 9:40	14-drug microtitre plate assay for quantitative drug susceptibility testing of <i>Mycobacterium tuberculosis</i>	Hoang Ngoc Nhung , Oxford University Clinical Research Unit, VIETNAM
9:40 – 10:00	Overexpression of OXA β -lactamases in carbapenem resistant <i>Acinetobacter baumannii</i> strains isolated in Southern Vietnam	Nguyen Tuan Anh , University of Medicine and Pharmacy, Ho Chi Minh City, VIETNAM
10:00 – 10:30	Coffee break and discussion	
10:30 – 11:30	Division 3, Session 2. Chairs: Dr. MD. Pham Hung Van (Hochiminh City Society of Clinical Microbiology, Vietnam) & Prof. Diep An Binh (University of California, San Francisco, USA)	
10:30 – 10:50	Influence of host stresses and antibiotic resistance on cell length distribution, cell envelope ultrastructure and accumulation of lipid inclusions in clinical <i>M. tuberculosis</i> isolates	Vijay Srinivasan , Oxford University Clinical Research Unit, VIETNAM
10:50 – 11:10	Effect of two alternative methods of pooling sputum prior to testing with Xpert MTB/RIF	Nguyen Thi Bich Phuong , Woolcock Institute of Medical Research, Hanoi, VIETNAM
11:10 – 11:30	Genomic analysis reveals the re-emergence of a nosocomial outbreak caused by multidrug resistant <i>Klebsiella pneumoniae</i>	Nguyen Thi Nguyen To , Oxford University Clinical Research Unit, VIETNAM

Division 4: Zoonosis and One Health

8:30 – 10:00	Division 4, Session 1. Chairs: Prof. Timothy Barkham & Prof. Ngo Thi Hoa (Oxford University Clinical Research Unit, VIETNAM)	
8:30 – 8:50	<i>Streptococcus agalactiae</i> appears to be primarily a foodborne infection, associated with aquaculture, in parts of Southeast Asia	Timothy Barkham , Tan Tock Seng Hospital, Singapore
8:50 – 9:10	A multidisciplinary approach to understand the transmission of zoonotic antimicrobial resistant bacteria in Vietnam	Ngo Thi Hoa , Zoonosis group, Oxford University Clinical Research Unit, VIETNAM
9:10 – 9:25	Occurrences and Quantitative Microbial Risk Assessment of Antibiotic Resistant bacteria in Tropical, Urban Water Bodies	Le Thai Hoang , International University, VNU-HCM, VIETNAM
9:25 – 9:45	Rapid Molecular Diagnosis of Infectious Diseases using a Portable LabChip-based Real-time PCR	Sung-Woo Kim , Ph.D., CEO. MiCo BioMed Co., Ltd., Seoul, Korea
9:45 – 10:30	AMR research in food animals	Vo Thi Tra An , Faculty of Animal Science and Veterinary Medicine, Nong Lam University, Nong Lam University, VIETNAM
10:00 – 10:30	Coffee break	
10:30 – 11:30	Division 4, Session 2. Chairs: Timothy Barkham & Prof. Ngo Thi Hoa	
10:30 – 10:45	Mapping out socio-economic drivers of antimicrobial usage in poultry farms in Vietnam: A combined participatory epidemiology and Q-sort approach	Truong Dinh Bao , Faculty of Animal Science and Veterinary Medicine, Nong Lam University, VIETNAM
10:45 – 11:00	Whole genome sequencing reveals limited contribution of non-intensive chicken farming to extended-spectrum beta-lactamase producing <i>Escherichia coli</i> colonization in humans in southern Vietnam	Nguyen Vinh Trung , Oxford University Clinical Research Unit, Centre for Tropical Medicine, VIETNAM
11:00 – 11:15	Detection of <i>Legionella</i> spp. in water and air samples by culturing methods from air conditioning systems in Ho Chi Minh City, Viet Nam	Nguyen Ai Le , Faculty of Environment, University of Science, Vietnam National University – Ho Chi Minh City, VIETNAM

11:15 – 11:30	The importance for the Development of a One Health curriculum for Universities in Vietnam	Pham Duc Phuc , Vietnam One Health University Network (VOHUN), VIETNAM
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Division 5: Vaccine development		
13:00 – 14:50	Chairs: Prof. Diep An Binh (University of California, San Francisco, USA) & Prof. Kristian Mueller (Bielfeld University, GERMANY)	
Time	Title	Speaker and Affiliation
13:00 – 13:30	Active and Passive Immunization to Prevent Severe Invasive Diseases Caused by <i>Staphylococcus aureus</i>	Diep An Binh , University of California, San Francisco, USA
13:30 – 13:50	Synopsis of APP in Vietnam swine industry and optimization of antigen mass production in laboratory conditions	Dinh Xuan Phat , Nong Lam University Ho Chi Minh City, VIETNAM
13:50 – 14:20	Engineering and Production of recombinant Adeno-Associated Virus (rAAV): potential for cancer therapy and vaccine development	Kristian Mueller , Department of Cellular and Molecular Biotechnology, Bielfeld University, GERMANY
14:20 – 14:40	Development of the system to display recombinant proteins on the surface of vegetative <i>Bacillus subtilis</i> cells and its potential applications in vaccine delivery vectors	Nguyen Duc Hoang , Head of Department of Microbiology, University of Science, VNU-HCM, VIETNAM

Division 6: Bioinformatics and Microbiome		
13:00 – 14:50	Chairs: Dr. Philip Ashton (Oxford University Clinical Research Unit) & Prof. Swaine Chen (Genome institute of Singapore, SINGAPORE)	
Time	Title	Speaker and Affiliation
13:00 – 13:25	Genomic insights into a foodborne outbreak of Group B <i>Streptococcus</i>	Swaine Chen , Senior research scientist, Infectious diseases group, Genome institute of Singapore, SINGAPORE
13:25 – 13:40	Propidium monoazide (PMA) sample pretreatment impacts the abundance of rare populations in high-throughput sequencing analysis of CF lung mycobiome and bacteriome	Nguyen Do Ngoc Linh , Phan Chau Trinh University, VIETNAM

13:40 – 13:55	Metagenomics for Diagnosis of Sterile Site Infection: Balancing Automation with Expert Interpretation	Catherine Anscombe , Oxford University Clinical Research Unit, VIETNAM
13:55 – 14:10	Understanding diarrhea recovery from a microbiome perspective	Tran Tuan Anh , Oxford University Clinical Research Unit, VIETNAM
14:10 – 14:35	Genomics of <i>Cryptococcus neoformans</i>	Philip Ashton , Lead Bioinformatician, Oxford University Clinical Research Unit, UK
14:35 – 14:50	Virulent factors and pan-genome analysis of the clinical multidrug-resistant <i>Acinetobacter baumannii</i> strains in a Vietnam Hospital	Nguyen Si Tuan , Head of Department of Clinical Microbiology, Thongnhat Dongnai General Hospital, VIETNAM
14:50 – 15:30	Coffee break	
Plenary session		
15:30 – 17:10	Chairs: Prof. Tran Linh Thuoc (University of Science, VNU-HCM, Vietnam) & Prof. Guy Thwaites (Oxford University Clinical Research Unit)	
15:30 – 16:20	Plenary lecture 2: Probiotics for Prevention of Infectious Diseases and Cancers	Hideyuki Shibata , Associate Chief Researcher, Yakult Central Institute, Tokyo, JAPAN
16:20 – 17:10	Plenary lecture 3: Probiotic <i>Bacillus</i> eliminates pathogen colonization by blocking quorum-sensing signaling	Michael Otto , Chief of the Pathogen Molecular Genetics Section, National Institute of Allergy and Infectious Diseases, NIH, USA
17:10 – 17:30	Poster award and closing ceremony	

DATE 4: SEPTEMBER 22, 2018

8:00 – 17:00	One-day tour to the Mekong Delta
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