

**Final Agenda**  
**Asian Neglected Tropical Disease Conference (NTDASIA2019)**  
**“International Research Network”**

Ballroom 1, Pullman Khon Kaen Raja Orchid, Khon Kaen, Thailand  
August 7-9, 2019

**Wednesday 7 August 2019**

- 8.30-9.00 Registration
- 9.00-9.15 Opening Ceremony
- Report:** Chairman of the NTDASIA2019 Conference  
*Dr. Banchob Sripa*
- Welcome Address:**
- Vice President for Research Affairs  
*Dr. Monchai Duangjinda*
  - President, Taiwan Society of Parasitology  
*Dr. Petrus Tang*
- Opening Address: President of Khon Kaen University**  
- *Dr. Charnchai Panthongviriyakul*
- 9.15-9.30 *Group photo*
- Session 1    *Keynote speaker***  
**Chairperson:** Dr. Petrus Tang
- 9.30-10.15 Major Neglected Tropical Diseases in Asia  
*Jong - Yil Chai (President of the World Federation of Parasitologists)*
- 10.15-10.30 *Coffee Break*
- Session 2    *Asian neglected tropical diseases I – Zoonotic & foodborne trematodes***  
**Chairperson:** Dr. Sung-Tae Hong
- 10.30-10.50 Neglected zoonotic helminths in Vietnam: country emergence and insights into genomics, diagnostics and molecular epidemiology  
*(Thanh Hoa Le, Vietnam Academy of Science and Technology (VAST), Hanoi, Vietnam)*
- 10.50-11.10 *Opisthorchis felinus* infection in Western Siberia: update on prevalence, risk factors and impact on human health  
*(Olga Fedorova, Siberian State Medical University, Tomsk, Russia)*
- 11.10-11.30 Is *Opisthorchis viverrini* infection endemic in Cambodia?  
*(Kazuko Miyamoto, Faculty of Medicine, University of Yamanashi, Japan)*
- 11.30-11.50 Update on *Opisthorchis felinus* research data  
*(Viatcheslav Mordvinov, Institute of Cytology & Genetics, RAS, Novosibirsk, Russia)*

11.50-12.10 The genome of the liver fluke *Fasciola gigantica* present novel protein kinases as drug targets  
(Timir Tripathi, North-Eastern Hill University, Shillong, India)

**12.10-13.20 Lunch**

**Session 3 *Liver fluke International Research Network***

**Chairperson:** Dr. Banchob Sripa

13.20-13.40 Oncogenesis of *Clonorchis sinensis*  
(Sung-Tae Hong, Seoul National University, Seoul, Korea)

13.40-14.00 *Clonorchis sinensis*: prepare for and chemotactically migrate to bile duct  
(Sung-Jong Hong, Chung-Ang University, Seoul, Korea)

14.00-14.20 Experimental model of *Opisthorchis felineus* liver fluke infection: mechanistic insights into biliary neoplasia formation  
(Maria Pakharukova, Institute of Cytology & Genetics, RAS, Novosibirsk, Russia)

14.20-14.40 Diagnosis of *Clonorchis sinensis* infection  
(Men-Bao Qian, Institute of Parasitic Diseases, Shanghai, PR China)

14.40-15.00 Update on *Opisthorchis viverrini* glycoconjugates  
(Sutas Suttiwong, Tropical Medicine Graduate Program, Faculty of Medicine, Khon Kaen University, Thailand)

**15.00-15.15 Coffee break**

**Session 4 *Poster round and relax***

**Chairperson:** Dr. Thewarach Laha

**15.15-17.00** Poster presentation with snack

**18.00-21.00 Welcome Dinner**

**Thursday 8 August 2019**

**Session 5 *Asian neglected tropical diseases II – Helminth control and consequences***

**Chairperson:** Dr. Siti Nursheena Mohd Zain

8.30-8.50 Post-Era MDA: an update on Intestinal Parasitic Infections (IPI) among selected urban poor communities in West Coast of Peninsular Malaysia  
(Siti Nursheena Mohd Zain, Institute of Biological Sciences, Faculty of Science, University of Malaya, Malaysia)

8.50-9.10 Diagnosis and drug resistance of human soil-transmitted helminth infections: A public health perspective  
(Veeranoot Nissapatorn, Walailuk University, Nakhon Si Thammarat, Thailand)

- 9.10-9.30 Assessment of the burden of soil-transmitted helminthiasis after five years of mass drug administration for lymphatic filariasis in Banggai District, Central Sulawesi  
(*Helena Pangaribuan, Ministry of Health Republic Indonesia, Indonesia*)
- 9.30-9.50 Progress toward schistosomiasis elimination in Lao People's Democratic Republic: a long-term evaluation of impact on integrated control approach  
(*Somphou Sayasone, Laos TPPI, Lao PDR*)
- 9.50-10.10 Deworming among pregnant women in Myanmar: a simple, effective but forgotten public health intervention  
(*Ye-min Htet, Neglected Tropical Diseases Support Center, Task Force for Global Health, Atlanta, USA*)
- 10.10-10.25 Socioeconomic factors associated with prevention measure against filariasis in Banyuasin, South Sumatra  
(*Rini Mutahar, Sriwijaya University, Indonesia*)
- 10.25-10.40 Adverse effects following mass drug administration for lymphatic filariasis elimination in Banyuasin, South Sumatra  
(*Desheila Andarini, Sriwijaya University, Indonesia*)

**10.40-10.50 Coffee Break**

**Session 6 Asian neglected tropical diseases III – Vector-borne diseases**  
**Chairperson:** Dr. Xiaoguang Chen

- 10.50-11.10 The epidemic and vector control of dengue in China  
(*Xiaoguang Chen, Southern Medical University, Guangzhou, China*)
- 11.30-11.30 Lethal but safe: efficacy of the artificial breeding trap against *Aedes albopictus* under the laboratory and the field Study  
(*Yugu Xie, Southern Medical University, Guangzhou, China*)
- 11.30-11.50 Current insecticide-resistant status of dengue haemorrhagic fever vector populations in Indonesia: a systematic review of literature  
(*Shifa Fauziyah, Laboratory of Entomology, Institute of Tropical Disease, Universitas Airlangga, Indonesia*)
- 11.50-12.10 Benefit using transparent wall compare to using not transparent wall of tropic trap anti mosquito in Manado City, North Sulawesi, Indonesia  
(*Joy albert Sumakul, Health Office Manado, North Sulawesi, Indonesia*)

**12.10-13.00 Lunch**

**Session 7 Asian neglected tropical diseases IV – Zoonoses and other NTDs**  
**Chairperson:** Dr.Keeseon Eom

- 13.00-13.20 On the origin of *Taenia asiatica*  
(*Keeseon Eom, Chungbuk National University School of Medicine, Korea*)
- 13.20-13.40 Neurocysticercosis, the parasitic disease in people and pigs: the present situation in Asia and towards eradication from Bali, Indonesia  
(*Akira Ito, Asahikawa Medical University, Japan*)
- 13.40-14.00 Genome evolution of trichomonadidae  
(*Petrus Tang, College of Medicine, Chang Gung University, Taiwan*)

- 14.00-14.15 Development of omics-based new diagnostic tools for schistosomiasis in China  
(*Wei Hu, School of Life Sciences, Fudan University, Shanghai, China*)
- 14.15-14.30 Possible transmission of human schistosomiasis in previously nonendemic and under-reported settings: a rapid evidence product for knowledge synthesis  
(*Khin Thet Wai, Department of Medical Research and Department of Public Health, Myanmar*)
- 14.30-14.45 Rickettsia infection in Sri Lanka. Epidemiology and clinical impacts  
(*Rajapakse RPVJ, Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, Sri Lanka*)
- 14.45-15.00 Laboratory diagnosis of leptospirosis- a way forward  
(*Noraziah Mohamad Zin, Faculty of Health Sciences, Universiti Kebangsaan*)

**15.00-15.15 Coffee Break**

**Session 8 Symposium on “Risk determinants in NTD control: Liver fluke case study”**

**Chairperson:** Dr. Yi-Chen Wang

- 15.15-15.35 PRECEDE-PROCEED model framework for controlling *Opisthorchis viverrini* infection: community-based intervention with propensity score matching analysis  
(*Picha Suwannahitatorn, Phramongkutklao College of Medicine, Bangkok, Thailand*)
- 15.35-15.55 M&Ms - Masculinity and Multi-levels of Information Dissemination - are contributing to liver fluke infection risk in Thailand  
(*Yi-Chen Wang, National University of Singapore, Singapore*)
- 15.55-16.15 Sub-district health management evaluation of liver flukes and cholangiocarcinoma surveillance, prevention and control in 7th health Area  
(*Kesorn Thaewongiew, Office of Disease Prevention and Control Region 7 Khon Kaen, Thailand*)

**16.15-16.30 Way forwards:** Future collaboration in Asian NTDs

- Poster award event
- Closing Remark

*Dr. Banchob Sripa*

**Friday 9 August 2019**

8.00 **Ready for Departure to Lawa village (40 km from KK)**

9.00 Arrive at Lawa Lake

- Group photo at the Lawa Lake front

9.30 **Visit Lawa Health Promoting Hospital (HPH)**

- Welcome address by Director of the HPH
- Overview of liver fluke, cancer and the Lawa model (Dr.Banchob Sripa)
- Demonstration of “Lawa model” an integrated liver fluke control programme by village health volunteers & enjoy!
- Visit Lawa School. Demonstration of “Liver fluke-free school”
- Visit fermented fish producing households – the risk food of infection
- Group photo

**12.00 Lunch at Lawa HPH**

**13.00 Liver fluke control program at Lawa Lake**

- GPS tracking in animal reservoirs (Dr.Sirikachorn Tangkawattana)
- Tour around Lawa Lake, rural northeastern environment and lifestyle
- Catching fish from the lake (fisherman)
- Cooking raw fish spicy salad “koi pla”

**15.30 Back to Khon Kaen**