

International Vector-Borne Diseases Hybrid Conference

November 16 - 18, 2021

MD1 - Tahir Foundation Building,
LT 37 Lecture Theatre Level 3,
12 Science Drive 2,
Singapore 117549



MARK THE DATE! 16 - 18 November 2021

Jointly organised by Department of Biological Sciences, and Infectious Diseases Translational Research Programme, Yong Loo Lin School of Medicine, NUS

Vector-borne diseases such as malaria, dengue, schistosomiasis, human African *trypanosomiasis*, *leishmaniasis*, Chagas disease, yellow fever, Japanese encephalitis and onchocerciasis, cause more than 700,000 deaths globally. Mosquitoes, sandflies, blackflies, ticks, tsetse flies, mites and lice transmit the pathogens including parasites, viruses and bacteria that cause these diseases. The major vector-borne diseases account for 17% of all infectious diseases. The tropical and subtropical areas, including Singapore, are disproportionately affected. Recent outbreaks of dengue, malaria, chikungunya, yellow fever and Zika afflicted populations, claimed lives and overwhelmed health systems.

To encourage and entice participation of the next generation of young scientists to work in this research area, and to find solutions to reduce the burden of vector-borne diseases, we are organizing an International Conference that will bring local, regional and global scientific leaders and younger researchers together. Participants will present their recent research findings and will exchange cutting-edge strategies in various aspects of vector-borne diseases. The Scientific Sessions include epidemiology, vector control strategies, vaccination, host-pathogen interactions, vector-pathogen interactions, vector-host interactions, pathogenesis, vector barriers, and vector competence.

Due to traveling uncertainties linked to the COVID-19 pandemic, the Conference will be held in a hybrid format where overseas speakers and participants will attend virtually while local attendees will be on site.

The links for registration and Abstract submission for oral and poster presentations will be available by mid-August 2021 on the conference website.

We look forward to welcoming you all either virtually or in person!

On behalf of the Organizing Committee,
R. Manjunatha KINI and Sylvie ALONSO (Co-chair persons), NUS

KEYNOTE SPEAKERS

1. Cameron SIMMONS, Monash University, Australia
2. Cheng-Feng QIN, Academy of Military Medical Sciences, China
3. Eng Eong OOI, Duke-NUS, Singapore
4. Erol FIKRIG, Yale University, USA
5. George DIMOPOULOS, Johns Hopkins University, USA
6. Jack JOHNSON, The Scripps research Institute, USA
7. Jeffrey ALMOND, Oxford University, UK
8. Lee Ching NG, Environmental Health Institute, Singapore
9. Peter PREISER, Nanyang Technological University, Singapore

INVITED SPEAKERS

1. Cai YU, Temasek Life Sciences Laboratories, Singapore
2. Carla SALEH, Institut Pasteur Paris, France
3. Chun-Hong CHEN, National Health Research Institutes, Taiwan
4. Cynthia HE, National University of Singapore, Singapore
5. Dahai LUO, Nanyang Technological University, Singapore
6. De ALWIS Rukie, EID Duke-NUS, Singapore
7. Douglas PATON, Harvard TH Chan School of Public Health, USA
8. Ganesh ANAND, University of Pennsylvania, USA
9. Guillaume CARISSIMO, IDlabs A*STAR, Singapore
10. Henry MOK, National University of Singapore, Singapore
11. Hirotaka KANUKA, The Jikei University School of Medicine, Japan
12. Julien LESCAR Nanyang Technological University, Singapore
13. Julien POMPON, IRD, CNRS, University of Montpellier, France
14. Justin CHU, National University of Singapore, Singapore
15. Kuan Rong CHAN Duke-NUS EID, Singapore
16. Lisa NG, Singapore Immunology Network, A*STAR, Singapore
17. Luiz Fabiano Borges OLIVEIRA, National Institutes of Health, USA
18. Paul MACARY, National University of Singapore, Singapore
19. Peter BOND, A*STAR BII, Singapore
20. Ramesh DHIMAN, National Institute of Malaria Research, India
21. Sheemei LOK, Duke-NUS, Singapore
22. Subhash VASUDEVAN, Duke-NUS, Singapore
23. Sujan SHRESTA, La Jolla Institute for Immunology, USA
24. Sylvie ALONSO, National University of Singapore, Singapore
25. Yin Xiang SETOH, Environmental Health Institute, Singapore

Registration [LINK](#)

Early bird ends 15 September 2021. Standard pricing applies from 16 September 2021

Abstract Submission [LINK](#)

Deadline for Oral Abstracts

15 September 2021

To submit

Deadline for Poster Abstracts

30 October 2021

Oral presentations

There will be about twenty 10 minute-presentation slots available. The speakers, preferably graduate students, postdoctoral fellows and early career scientists, will be selected based on the submitted abstracts.

Poster presentations

Posters and pre-recorded audio presentations will be made available on the conference website throughout the entire conference.

Organizing Committee

R. Manjunatha KINI, NUS (Chair)
Sylvie ALONSO, NUS (Co-chair)
Cai YU, TLL
Henry MOK, NUS
J. SIVARAMAN, NUS
Lisa NG, SIgN, A*STAR
Subhash VASUDEVAN, Duke-NUS
TAN Cheong Huat, Wilson, EHI

International Advisory Committee

George DIMOPOULOS, Johns Hopkins, USA
Jack JOHNSON, Scripps Research Institute, USA
Mariano GARCIA-BLANCO, UTMB, Texas, USA

Contact information (NUS)

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