

IUIS-PASTEUR NETWORK IMMUNO-CAMBODIA 2025

Immune Responses to Arbovirus Infections from a One Health Perspective

November 24-29th, 2025

Empress Angkor Resort and Spa, Siem Reap, Cambodia

ABOUT THE COURSE

- This course will provide an in-depth exploration of the interactions between arboviruses, their vectors (mosquitoes, ticks), and vertebrate hosts.
- We will delve into host-pathogen interactions and the innate and adaptive immune responses to arboviruses. Understanding the immune responses to arbovirus infections is crucial for developing effective preventive and therapeutic strategies.
- The learning activities will be a mix of theoretical sessions in the form of seminars and soft skill development workshops (50% each).

ELIGIBILITY

We will select 40 applicants (Graduate Students, Postdoctoral Fellows or Early-Career Scientists) based on the following:

- 1 One page of CV/resume
- 2 One page of applicant motivation letter
- 3 Scientific abstract for a poster presentation
- 4 A letter of recommendation from immediate supervisor

! Selected applicants are required to completed a six-week online pre-course through Immunopaedia

Question about the program and Cambodia contact us at immunocambodia@pasteur-kh.org



Deadline: June 20th, 2025

Selectees will be announced by August 1st, 2025

Register Here

- Interactive sessions, including two poster presentations, engaging talks & stimulating group discussions.
- Trainee Engagement: participants will collaborate in small groups to develop innovative grant proposals, which will be presented at the last day of the course and evaluated by a panel of distinguished experts.

MAIN TOPICS

- 01 Protective and immunopathological mechanisms during arbovirus infections
- 02 Skin as an immune organ during arbovirus infection
- 03 Genetic factors and comorbidities associated with severe arbovirus infection
- 04 Vaccine development for arboviruses
- 05 Animal models and human challenge models
- 06 Grant writing skills

LOCAL ORGANIZERS

Institut Pasteur du Cambodge

Dr. Tineke Cantaert Dr. Rany Vorn
Dr. Polidy Pean Mr. Veasna Cheung

INTERNATIONAL ORGANIZERS

IUIS Education Committee

Prof. Clive Gray Prof. Olivier Boyer
Prof. Dieter Kabelitz Prof. Roslyn Kemp
Prof. Tracey Lamb Prof. Esteban Ballestar
Prof. Mehrnaz Mesdaghi Prof. Shubhada Chiplunkar
Ms. Bonamy Holtak Prof. Ridha Barbouche

TEACHING FACULTY

Dr. Fabiano Oliveira (NIAID/NIH)
Prof. Ashley L. St. John (DUKE-NUS)
Prof. Ridha Barbouche (Arabian Gulf Uni.)
Prof. Suresh Mahalingam (Griffith Uni.)
Prof. Ponpan M. Choopong (Mahidol Uni.)
Prof. Stylianos Bournazos (Rockefeller Uni.)
Dr. Sebastien Boyer (IPC)
Dr. Gary Wong (IPL)
Prof. Mostafa Salehi-Vaziri (IPI)
Prof. Gathsaurie Neelika Malavige (Uni. of Sri Jayewardenepura) and many more