

Amazonian School on Global Health

(October 11-19, 2025)

Monte Negro (RO) — October, 11-15

São Paulo (SP) — October, 16-19



FRANCA
BRASIL
2025

BACKGROUND

The selected students will receive adequate training for laboratory-based research, and experience in fieldwork. The team of the field site based in Monte Negro, in collaboration with professors based in São Paulo, has decided to open the facilities of ICB-V-USP for the training of the selected students. The course will provide the opportunity to acquire knowledge of the field work and basic molecular techniques will be trained in The Institut Pasteur de São Paulo, São Paulo.

STRUCTURE OF THE PROGRAM

The goal of the course is to empower the student to execute and critically evaluate infectious emergent disease diagnostic methodologies in particular on emerging viruses. Additionally, clinical aspects and their relation to historical, cultural, and economic facts of the hosting region will be discussed. Expeditions to field sites and local health posts will be performed.

11-15, OCT

Theoretical session: Emerging Viruses-
Methods of capture (reconnaissance and
strategies for setting traps)

Practical session: Preparation of Material for
field work-Bird watching and fog net installation-
Collection and storage of biological material -
Location ICB-V – Monte Negro
Collection and storage of biological material

16-19, OCT

Theoretical session: Presentation of the activities to study viruses from the field and seminar presentation

Practical session: Extraction of Genetic Material-
Molecular detection of viruses Purification and
analysis of DNA-Recombinant protein production
and purification- Immunodetection techniques -
Location IPSP – São Paulo



PARTICIPATING INSTITUTIONS

Institut Pasteur de São Paulo (IPSP)

IPSP is a private, non-profit association, part of the Pasteur Network, which comprises 33 research institutes in 25 countries. IPSP conducts internationally renowned research in Biological Sciences on transmitted, non-transmitted, emerging, re-emerging, and chronic diseases.

Institute of Biomedical Sciences – USP

ICB-V - Advanced Campus in Monte Negro, in the state of Rondônia, Brazil

At ICB-V, field research is conducted on neglected endemic diseases of the Amazon, such as malaria, leishmaniasis, filariasis, toxoplasmosis, and Chagas disease as well as viral infection diseases. The facility annually hosts students from several programmes at University of São Paulo (USP), providing an opportunity for training and fieldwork experience in Parasitology, Microbiology, Public Health, and related areas.



ADMISSION

The course is offered in English language to postgraduate students and young researchers. It is desirable for candidates to have previous knowledge in molecular biology, biomedical sciences, biochemistry, or related areas.

Open Positions:

12 students total — 8 national and 4 international

Required Documents

- Curriculum Vitae (CV)
- Letter of Motivation
- A brief summary (up to 5 lines) of your current project and research interests

All materials must be compiled into a single PDF file (maximum size: 2MB)

Applications until June 13, 2025

e-mail: pasteur-usp@pasteur-sp.org.br

Results will be sent by e-mail on June 20, 2025

FUNDING

Travel, accommodation and meal expenses will be covered by the organization committee upon registering and selection.

8 local students, 4 foreign (Guiana, Guadeloupe, Senegal and Cameroon will be most appreciated)

WEBSITE AND CONTACT



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TEAM

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Event organized within the framework of the France-Brazil Season 2025

