

Call for Applications

2025 International Training Program on Pathogens and Biosafety Research Technologies



The Key Laboratory of Medical Molecular Virology (KLMMV) at Shanghai Medical College (SHMC) of Fudan University (FDU) and the Shanghai Institute of Infectious Disease and Biosecurity (SIIDB) are leading institutes on biology of pathogens, infectious disease control and biosafety management. To strengthen cooperation in pathogenic microbiology and biosafety research among "Belt and Road" countries and to advance global public health research, SHMC of FDU is announcing 2025 International Training Program on Pathogens and Biosafety Research Technologies.



Program Details



Duration

June 29- July 13, 2025
(15 consecutive days, including lectures and hands-on training).



Location

Shanghai Medical College of Fudan University (No. 131 Dong'an Road, Xuhui District, Shanghai, China).



Participants

Professional staffs, clinicians and researchers from developing countries.



Program Contents & Highlights

Core Modules

Prevention and Control of Infectious Diseases: Theories, research methodologies, and latest advances (focus on major infectious diseases such as Hepatitis B, Covid-19, Herpesviruses, Respiratory viruses, Enteroviruses, HIV/AIDS, Tuberculosis, Parasites, etc.).

Biosafety Standards: Laboratory operating procedures and biosafety management protocols.

Pathogen Diagnostic and Research Technologies: Molecular diagnostics, cell biology, pathogen genomics, etc.

Practical Training

Laboratory Sessions

- Hands-on practice at Fudan University's Key Laboratory of Medical Molecular Virology, Biosafety Laboratories, and Pathogen Biology Technology Platform.
- Training in molecular diagnostics, microscopic imaging, immunological techniques, pathogen genome sequencing, and bioinformatics analysis.

Field Visits

- Technical platforms of partner enterprises, public health center and clinical laboratories in hospitals.



Eligibility Criteria

Participants: Full-time professional staffs, clinicians or researchers from developing countries (not currently studying or working in China).

Background: Degree in microbiology, medical diagnosis, public health, or related fields; age ≤45 years.

Language: Fluent in English (all instruction in English).

Quota: 20 participants (selected based on qualifications). Full scholarships cover training fees, international travel, accommodation, and meals during the program.

Certificate of Completion: All participants who successfully complete the training program and pass the final assessment will be awarded a Certificate of Completion.



Application Procedure

Download Forms



- Application Form for 2025 International Training Program on Pathogens and Biosafety Research Technologies.
- Template of Commitment Letter

Required Documents for submission

- Completed application form (with profile of applicant's institution).
- Scanned passport copy.
- CV in English.
- Letter of recommendation (with official seal of applicant's institution or signature of institution chief).
- Signed commitment letter (template provided).

Email Submission



Send all the required documents to xiaoqingsun@fudan.edu.cn with email subject: **2025 International Training + Country + Name**.

Application Deadline



May 10, 2025

Admission Notification



Selected applicants will be further contacted via email with attached official invitation letters to assist visa applications by **May 20, 2025**.



Contact Information

Shanghai Medical College, Fudan University



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Email: xiaoqingsun@fudan.edu.cn



Official Website: <http://www.klmmv.fudan.edu.cn/CN/Default.aspx>
<https://siidb.fudan.edu.cn/>



School Website: <https://www.fudan.edu.cn/>
<https://shmc.fudan.edu.cn/>



Attachments

- Application Form for the 2025 International Training Program on Pathogens and Biosafety Research Technologies.
- Template of Commitment Letter

Organizer: Key Laboratory of Medical Molecular Virology (KLMMV), Fudan University, China
Shanghai Institute of Infectious Disease and Biosecurity, China

Supported by: Department of International Cooperation, Ministry of Science and Technology of the People's Republic of China