



Online and Face-to-Face (in Japan)

JICA Program GENERAL INFORMATION

Knowledge Co-Creation Program (Group and Region Focus)

Strengthening Laboratory network

Pandemic Prevention, Preparedness and Response (PPPR)



Course Number: 202514960J001

Course Period: Online: June 1-19, 2026

Onsite(Japan): June 22- August 7, 2026



NOTE: Adobe Acrobat Reader DC and Google Chrome are recommended as PDF viewer. JAWS and NVDA are recommended as screen reader.

NOTE: If there are any difficulties in reading this document, please contact JICA Office in your country or JICA Center in Japan.

NOTE: Depending on the circumstances, some or all of the program periods may be changed or cancelled after the application has been accepted.



How do we respond to a coming outbreak?

Gain insight into an essence of outbreak
preparedness and management
more practical, more interactive,
more effective
from the experiences of Japan.

Outline

This program is designed for senior laboratory technologists or laboratory managers in National/Regional Reference Laboratory responsible for Infectious Diseases control to learn about laboratory management and operation under Infectious diseases outbreaks.

The sessions will be held online and onsite. The online session will include self-study and report submission.

All sessions are carried out in English.

The period of the program is from June 1 to August 7, 2026.

Course Capacity: 7 participants



JICA Knowledge Co-Creation Program (KCCP)

The Japanese Cabinet released the Development Cooperation Charter in June 2023, stated that “In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together.” We believe that this ‘Knowledge Co-Creation Program’ will serve as a foundation of mutual learning process.

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Purpose

Background

As the global outbreak of COVID-19 had a major socioeconomic impact, infectious diseases have become an international threat that transcends national borders. Due to globalization, the traffic of people and goods has become more rapid and massive than ever before.

Based on the lessons learned from COVID-19, the initial response and management in laboratories in the event of an outbreak, as well as measures to build resilient laboratories and laboratory networks became an urgent need.

Objectives

Medical technologists /laboratory managers will gain knowledge and skills to make their laboratories and laboratory networks resilient and make specific activities to strengthen their laboratories that can respond to outbreaks.

Expected participants

Job Areas and Organizations

This program is designed for Senior laboratory technologists or laboratory managers working in Reference Laboratories involved in infectious disease control at the national or regional level.

The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.

Targeted Countries

Guinea
Mexico
Nepal
Papua New Guinea
Philippines
Viet Nam
Zambia

Participants who have successfully completed the program will be awarded a certificate by JICA.

Schedule

Online Program Period



From June 1, 2026
to June 19, 2026

Onsite Program Period

From June 22, 2026
to August 7, 2026

Onsite program will be held mainly
at RIT(the Research Institute of
Tuberculosis, Japan)
Short trips will be included.

Venue

This course is carried out online and onsite, organized by JICA Tokyo Center. You will receive the reading tasks and the on-demand videos at your places. You are required to have a certain IT environment. For details, see page 13.

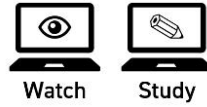


Modality

How to Learn

[Online training period]

- Readings
- On demand Lecture videos
- Q&A through email
- Report submission



[Onsite training period]

- Lectures
- Hands-on Practices
- Field Visits
- Workshops/Discussions
- Presentation by participants
- Final Action Plan submission



Language

English

Commitment to the SDGs



Program Structure

<p>【 Course Objectives 】</p> <p>Medical technologists or laboratory managers in National /Regional Reference Laboratory will</p> <ul style="list-style-type: none"> –gain knowledge and skills to make their laboratories and laboratory networks resilient –develop specific activities to strengthen their laboratories that can respond to outbreaks.
<p><Contents></p> <ul style="list-style-type: none"> ▪ Inception Report ▪ Problem identification / Problem analysis ▪ PDM(Project Design Matrix)/Logical framework ▪ Presentation of Action Plan
<p>Outcome1 To be able to describe laboratory management and networking in infectious disease control.</p>
<p><Contents></p> <ul style="list-style-type: none"> ▪ Pathogen surveillance, ▪ Specimen transport network, ▪ Outbreak management, ▪ Understanding laboratory capacity and strengthening response capabilities, ▪ Risk management, Risk communication ▪ Emergency Preparedness, ▪ Team building, Stakeholder collaboration, ▪ Logistics ▪ Data management and Laboratory information system1 (logistics, integrated system including test results), Biosafety/Biosecurity, ▪ Quality Management System (QMS), ▪ AI and Health program/ Digital health ▪ Effectuation and disease control program ▪ Building Resilient Health Systems: Lessons from TB control and UHC ▪ Survey and Surveillance in TB ▪ Comprehensive simulation-based exercise ▪ Emerging and re-emerging diseases and their diagnoses.
<p>Outcome2 To be able to describe the latest tests for tuberculosis and respiratory infections.</p>
<p><Contents></p>

- Good Laboratory Practice, Laboratory equipment
- General microbiology
- Genomic information and AMR
- Next generation sequencing and culture
- Screening for multiple pathogens of respiratory diseases (Fillm Array)
- Bioinformatics

Outcome3 To be able to evaluate the timeliness of reporting infectious diseases.

<Contents>

- Data management and Laboratory information system
- Prompt reporting (Assessment of Turn Around Time (TAT))
 - Data management In Laboratory
 - Laboratory Information Management System (integrated system include logistics and reports)

The content is subject to change without notice.

Given the nature of the implementing partner, this course uses tuberculosis as an example for learning.

Management Members

JICA Program Officer

Ms. Shiho Hirano
Japan International Cooperation Agency (JICA)
Tokyo Center

Message: Hello, friends! In this program, we focus on outbreak preparedness and response. Let's gain new knowledge on your work through discussions with the lecturers and other participants. I'm looking forward to meeting you soon!

Implementing Partner

Course leader of this programme

Ms. Hiroko MATSUMOTO
Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association

Message: Hello from Japan! We are looking forward to learning from each other. The latest topics are complicated, so there may not be one correct answer. Let's find the solutions ourselves.

Eligibility and Procedures

1. Expectations to the Applying Organizations

- (1) This course is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Applying organizations are expected to use the program for those specific purposes.
 - (2) This course is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the course to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
-

2. Nominee Qualifications

Applying organizations are expected to select nominees who meet the following qualifications.

【 Remarks 】 Each Organizations is requested to strongly encourage female candidates to apply for the course to accelerate the realization of gender equality and women's empowerment.

Disabilities: Persons with disabilities who meet the required qualifications also have an opportunity to apply. Reasonable accommodation will be considered for participants with disabilities. Some programs of the course might have difficulty for persons with disabilities to participate due to environmental and other conditions. "Reasonable accommodation" means necessary and appropriate modification and adjustments not imposing a disproportionate or undue burden, where needed in a particular case.

(1) Essential Qualifications

- 1) Current Duties: Senior laboratory technologists or laboratory manager in National/Regional Reference Laboratory responsible for Infectious Diseases control
- 2) Experience in the Relevant Have at least 2 (two)years working experiences and determined to continue the duties in infectious disease control for more than 3(three) years.

- 3) Educational Background: be a graduate of university or with equivalent qualifications.
- 4) Language Proficiency: have a competent command of spoken and written English proficiency equivalent to TOEFL iBT 80 or above (This course includes active participation in discussions, which requires high competence in English. Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible)
- 5) Technical Requirements :
 - a Technology Proficiency
 - Basic computer skills such as, sending/receiving email with attachments, and using a web browser.
 - Online course is delivered using the following services, Web Conferences (Zoom), Cloud Storage (GIGAPOD), and YouTube. Online tutorial and support by JICA will be limited. The ability to be self-directed in learning new technology skills are required.
 - b Internet Connection
 - High Speed Broadband Connection (at least 2Mbps).
 - *Internet access charge incurred for this course shall be borne by your organization.
 - c Hardware (Minimum Requirement)
 - Regular access to a computer, either from your home or from your office.
 - Operating System: Windows or Mac OS (Updated version is preferred).
 - Processor: Intel Core 2 Duo or higher; 2GHz or higher
 - Memory: 4GB of RAM or higher
 - Hard Drive Space: 5GB free disk space
 - Browser: Google Chrome is preferred browser. (Edge, Firefox, Safari can be used)
 - Others: Webcam Microphone, and Audio output Device (Speaker or Headset)
 - d Software (which may be required)
 - Zoom Client for Meeting (<https://zoom.us/download>).
 - *In case you are using your office computer and use of Zoom is not authorized by your IT administrator, please notify JICA at the time of application.
- 6) Health: must be in good health to participate in the program in Japan. Participant's health and safety should be most respected. Preexisting conditions and pregnancy may lead to health problems that were not present

prior to arriving in Japan due to stress from international travel, changes in climate, and a new living environment. In recent years, regrettable cases have occurred, including the exacerbation of symptoms after arrival and, in the case of pregnancy, stillbirth. Some participants have also incurred substantial out-of-pocket medical costs. If any of the conditions below may apply, please take a moment to consider whether to participate, and continue after confirming your agreement to the points below.

① Questionnaire (“QUESTIONNAIRE ON MEDICAL STATUS AND RESTRICTION”)

If any of the following apply, you must state them accurately in the questionnaire, even if they do not affect your current work or daily life.

- a. Chronic diseases (e.g., hypertension, diabetes)
- b. Conditions currently under treatment
- c. Past illnesses that have resolved (including serious conditions affecting the heart, liver, or brain; tuberculosis, etc.)
- d. Pregnancy (for female applicants)

② Medical certificate

Please submit a medical certificate issued by a doctor that your condition is stable and that, from a medical standpoint, there is no problem with your participation in KCCP in Japan.

Applicable cases:

- a. Chronic diseases (e.g., hypertension, diabetes)
- b. Conditions currently under treatment
- c. Past illnesses that have resolved (including serious conditions affecting the heart, liver, or brain; tuberculosis, etc.)

③ Reporting changes

If pregnancy or any health issues are identified after submitting the form, please report them to JICA promptly.

④ Insurance coverage

Medical and additional living expenses related to pregnancy and pre-existing conditions are NOT covered by insurance arranged by JICA. Such costs must be borne entirely by the participant; JICA assumes no liability.

* Please understand that insurance coverage applies only to sudden illness or injury occurring during your stay in Japan.

* Medical expenses in Japan could be a significant financial burden when not

covered by insurance.

(2) Recommended Qualifications

- 1) Expectations for the Participants: Continue to serve your affiliated organization for at least two years after completing the program.
 - 2) Gender Equality and Women's Empowerment: JICA seeks more female applicants due to the past records of fewer applications from women. JICA is committed to promoting gender equality and women's empowerment, and provides equal opportunities for all applicants regardless of their sexual orientation or gender identity.
-

3. Required Documents for Application

(1) **Application Form:** The Application Form is available at the JICA overseas office (or the Embassy of Japan)

* If you have any difficulties/disabilities which require assistance, please specify necessary assistance in the QUESTIONNAIRE ON MEDICAL STATUS AND RESTRICTION (1-(c)) of the application form. Information will be reviewed and used for reasonable accommodation.

(2) **Photocopy of Passport:** You should submit it with the application form if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you obtain it.

*The following information should be included in the photocopy:

Name, Date of Birth, Nationality, Sex, Passport Number and Expiry Date

*It is recommended that your passport be valid for more than 6 months after the last day of the program.

(3) **English Score Sheet:** to be submitted with the application form, if the nominees have any official English examination scores. (e.g., TOEFL, TOEIC, IELTS)

(4) **Questionnaire:** to be submitted with the application form. Fill in Annex 1 of this General Information.

4. Procedures for Application and Selection

(1) Submission of the Application Documents

Closing date for applications: **Please confirm the local deadline with the JICA overseas office (or the Embassy of Japan).**

(All required material must arrive at JICA Center in Japan by **April 20, 2026**)

(2) Selection

Primary screening is conducted at the JICA overseas office (or the embassy of Japan) after receiving official documents from your government. Secondary screening (Nominee's English Ability and qualification) is conducted in Zoom interview or international telephone call. Therefore, the contact email address and phone number should be written clearly and accurately.

Applying organizations with the best intentions to utilize the opportunity will be highly valued.

The Government of Japan will examine applicants who belong to the military or other military-related organizations and/or who are enlisted in the military, taking into consideration of their duties, positions in the organization and other relevant information in a comprehensive manner to be consistent with the Development Cooperation Charter of Japan.

(3) Notice of Acceptance

The JICA overseas office (or the Embassy of Japan) will notify the results **not later than May 15 2026.**

5. Additional Document(s) to Be Submitted by Accepted Candidates

Country Report -- **to be submitted by June 19, 2026**

Accepted candidates are required to prepare a Country Report (Please read Annex "Country Report" for detailed information.) before their departure.

Details will be provided after the selection.

6. Conditions for Participation

The participants of KCCP are required

- (1) to strictly observe the course schedule,
- (2) not to change the air ticket (and flight class and flight schedule arranged by JICA) and lodging by the participants themselves,
- (3) to understand that leaving Japan during the course period (to return to home country, etc.) is not allowed (except for programs longer than one year),
- (4) not to bring or invite any family members (except for programs longer than one year),
- (5) to carry out such instructions and abide by such conditions as may be stipulated by both the nominating Government and the Japanese Government in respect of the course,
- (6) to observe the rules and regulations of the program implementing partners to provide the program or establishments,
- (7) not to engage in political activities, or any form of employment for profit,
- (8) to discontinue the program, should the participants violate Japanese laws or JICA's regulations, or the participants commit illegal or any type of immoral conduct including sexual harassment, or get critical illness or serious injury and be considered unable to continue the course. The participants shall be responsible for paying any cost for treatment of the said health conditions except for the medical care stipulated in (3) of "3. Expenses", "Administrative Arrangements",
- (9) to return the total amount or a part of the expenditure for the KCCP depending on the severity of such violation, should the participants violate the laws and ordinances,
- (10) not to drive a car or motorbike, regardless of an international driving license possessed,
- (11) to observe the rules and regulations at the place of the participants' accommodation, and
- (12) to refund allowances or other benefits paid by JICA in the case of a change in schedule.
- (13) to promptly notify JICA in the case that there are any changes in the health status since the time of application (such as changes requiring medical attention due to illness or discovery of pregnancy).

Administrative Arrangements

1. Organizer (JICA Center in Japan)

- (1) Center: JICA Tokyo Center (JICA TOKYO)
- (2) Program Officer: Ms. Shiho HIRANO (ticthdop@jica.go.jp)

Please add the course title and course number “ 202514960J001 ” in the subject line of your e-mail.

2. Implementing Partner

- (1) Name: The Research Institute of Tuberculosis (RIT)
 - (2) URL: <https://jata.or.jp/english/>
 - (3) Course Leader: Ms. Hiroko MATSUMOTO (hmatsumoto@jata.or.jp)
-

3. Expenses

The following expenses in Japan will be provided by JICA

- (1) Allowances for meals, living expenses, and stopover.
- (2) Expenses for study tours (basically in the form of train tickets).
- (3) Medical care for participants who become ill after arriving in Japan (the costs related to pre-existing illness, pregnancy, or dental treatment **are not included**).
- (4) Expenses for program implementation, including materials.
- (5) For more details, please see “III. ALLOWANCES” of “KENSU-IN GUIDEBOOK,” (English/French/Spanish/Russian).

*Link to the Website:

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/accept

or

<https://jica-van-cms.jica.go.jp/custom/kccp/kccp01.html>

4. Pre-departure Orientation

A pre-departure orientation will be held at respective country's JICA office (or the Japanese Embassy), to provide Participants with details on travel to Japan, conditions of the course, and other matters.

Part I: Knowledge Co-Creation Program and Life in Japan	
English ver.	https://www.youtube.com/watch?v=SLurfKugrEw
French ver.	https://www.youtube.com/watch?v=v2yU9lSYcTY
Part II: Introduction of JICA Centers in Japan	
JICA Tokyo	https://www.jica.go.jp/tokyo/english/office/index.html

If the link of these YouTube URLs has expired, please access the URL below and search the necessary information from the key word.

<https://www.youtube.com/user/JICAChannel02>

5. Reference

KENSHU-IN GUIDEBOOK

For more detailed terms and conditions

[JICA Knowledge Co-Creation Program\(KCCP\) | 研修事業 \(KCCP\) |](#)

Video: JICA Predeparture Briefing

For more information on life in Japan and KCCP [JICA Knowledge Co-Creation Program\(KCCP\) | 研修事業 \(KCCP\) |](#)

Website: JICA

English/French/Spanish/Russian

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/index.html

PDF: Facility Guide for JICA Tokyo Center

[facilities_service_guide.pdf](#)

Annex

Annex1: Questionnaire on PC and learning environment (Please submit together with the application form)

For all candidates

Strengthening Laboratory network Pandemic Prevention, Preparedness and Response (PPPR) (JFY 2026)

Name_____

Country_____

Please answer the following questions with mark (✓).

Q1-1. Where do you prefer to attend the online course?

* Internet speed 30 Mbps upload & download is recommended.

() Home () Workplace () Other Place_____

Q1-2. Please check the internet speed where you prefer to attend, utilize the site below;

<http://openspeedtest.com/>

then write down those speed.

(DL: _____ Mbps, UL _____ Mbps) (() Home, () Workplace,

() other place: _____)

Q2-1. Do you have PC available for your use during the course?

() Yes / () No if “No” how do you manage it?

(_____)

Q2-2. Please write the OS of the PC.

Name of OS and version :(_____ : _____)

ex) windows 11 and its version, Mac OS and its version

** Please update your OS.

Q2-3. Has the following software been installed in the PC?

PowerPoint: () Yes / () No

Word: () Yes / () No

Excel: () Yes / () No

Q3. Please select your level on PC skills for Microsoft office software.

Word: () A () B () C () D

Excel: () A () B () C () D

PowerPoint: () A () B () C () D

A: I can teach to other people.

B: I can make documents and/or slides by myself.

C: I sometimes use it. (I know well how to use it.)

D: I have little chances to use it. (I know how to use it.)

Q4. Experience of using SNS.

WhatsApp () Yes / () No

Specify if other SNS service: () Facebook, () X, () telegram,
() other: ()

Q5. Experience of using zoom application () Yes / () No

Specify if other video conference: () Skype, () Webex, () Teams, other: ()

Q6. Can you watch "YouTube" video? () Yes / () No

Sample:

<https://www.youtube.com/watch?v=s4YvlYiscwA>

Thank you very much for your cooperation.

Annex 2 : Country Report for Presentation

For only accepted candidates

Strengthening Laboratory network Pandemic Prevention, Preparedness and Response (PPPR) (JFY 2026)

- Each participant has 10 minutes presentation and 5 minutes discussion.
- The presentation must be done using MS power point slides, google slides or PDF.
- Please send by email to JICA Tokyo (ticthdop@jica.go.jp) and The Research Institute of Tuberculosis (int-tra@jata.or.jp, hmatsumoto@jata.or.jp) by June 19, 2026.

*Please note that the document size should be within 2MB (without being compressed, such as ZIP file).

In your laboratory information, please include the following topics;

1. Title
2. Country profile
3. Infectious Disease feature in the whole country and epidemiological data
4. Laboratory network in the whole country
5. System for Quality Assurance in the whole country
6. System for logistics and reporting
7. Your laboratory services (main target pathogen, test, method, workload)
8. Problems/Challenges in your laboratory
9. Problem analysis in your laboratory (You will learn in the course)
10. Expectations of the course in RIT

For Your Reference

JICA and Capacity Development

Technical cooperation is people-to-people cooperation that supports partner countries in enhancing their comprehensive capacities to address development challenges by their own efforts. Instead of applying Japanese technology per se to partner countries, JICA's technical cooperation provides solutions that best fit their needs by working with people living there. In the process, consideration is given to factors such as their regional characteristics, historical background, and languages. JICA does not limit its technical cooperation to human resources development; it offers multi-tiered assistance that also involves organizational strengthening, policy formulation, and institution building.

Implementation methods of JICA's technical cooperation can be divided into two approaches. One is overseas cooperation by dispatching experts and volunteers in various development sectors to partner countries; the other is domestic cooperation by inviting participants from developing countries to Japan. The latter method is the Knowledge Co-Creation Program, formerly called Training Program, and it is one of the core programs carried out in Japan. By inviting officials from partner countries and with cooperation from domestic partners, the Knowledge Co-Creation Program provides technical knowledge and practical solutions for development issues in participating countries.

The Knowledge Co-Creation Program (Group & Region Focus) has long occupied an important place in JICA operations. About 400 pre-organized courses cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs is being customized by the different target organizations to address the specific needs, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

Japan, as the first non-Western nation to become a developed country, built itself into a country that is free, peaceful, prosperous and democratic while preserving its tradition. Japan will serve as one of the best examples for our partner countries to follow in their own development.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from a process of adoption and adaptation, of course, has been accompanied by countless failures and errors behind the success stories.

Through Japan's progressive adaptation and application of systems, methods and technologies from the West in a way that is suited to its own circumstances, Japan has developed a storehouse of knowledge not found elsewhere from unique systems of organization, administration and personnel management to such social systems as the livelihood improvement approach and governmental organization. It is not easy to apply such experiences to other countries where the circumstances differ, but the experiences can provide ideas and clues useful when devising measures to solve problems.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.

This information pertains to one of the JICA Knowledge Co-Creation Programs (Group & Region Focus) of the Japan International Cooperation Agency (JICA) implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.



Correspondence

For enquiries and further information, please contact the JICA office or Embassy of Japan.

Further, address correspondence to:

JICA Tokyo Center (JICA Tokyo)

Address: 2-49-5, Nishihara, Shibuya-ku, Tokyo 151-0066, Japan