

## **5. PREVENTIVE MEDICAL SCIENCES**

### **1. PURPOSE OF THE COURSE**

To develop professionals who can practice preventive medicine in order to exhaustively analyze and evaluate the characteristics of individuals and the environment from omics information to macro environment information with a comprehensive grasp of zero prevention through tertiary prevention for personalized prevention as a new methodology on the basis of traditional hygiology and the public health fields.

### **2. TRAINING PROGRAM**

#### **(1)General Orientation and Japanese Language Program**

The General Orientation and Japanese Language Program are organized at the Chubu International Centre of JICA prior to the technical training, to assist participants in understanding Japan and adjusting themselves to life in Japan, and thus to facilitate effective training.

#### **(2)Technical Training**

a) Research Field in the table below would be available in Japan.

Group	Research Field
1. Body Systems	a. Nuclear Medicine and Molecular Imaging
	b. Molecular Genetics
	c. Genetics
	d. Nephrology and Laboratory Medicine
	f. System Biology
	g. Preventive Cardiovascular Medicine
2. Metabolism	a. Nuclear Medicine and Molecular Imaging
	b. Metabolism and Nutrition
	c. Pharmacokinetics and Toxicology
	d. Endocrinology and metabolism
	f. Bioinformatics and Genomics
3. High-Order Functions	a. Molecular Immunology
	b. Preemptive Medicine for Dementia
	c. Immune Defense
	d. Functional Anatomy
	f. Musculoskeletal Disease Control
4. Microbiology and Environment	a. Viral Infections and International Health
	b. Parasitology
	c. Public Health

	d. Commensal Microbiology
	f. Hygiene
	g. Global Health

- b) Research in Japan will be personalized base, under supervised by appointed professor or researcher.
- c) Supervisor to applicant will be decided at selection stage of participants.
- d) Detailed research plan will be fixed after consultation with supervisor.
- e ) Level of research is Graduate School level.

**IMPORTANT:**

**There will be NO Clinical Training during your program in Japan.**

**3. NUMBER OF PARTICIPANTS TO BE ENROLLED**

Maximum 2 persons

**4. TRAINING DURATION**

From April 1 to November 23, 2020

- (1) Arrival in Japan  
April 1, 2020
- (2) Briefing  
April 2, 2020
- (3) General Orientation  
From April 3 to 7, 2020
- (4) Intensive Japanese Language Class  
From April 8 to May 15, 2020
- (5) Technical Training  
From May 18 to November 20, 2020
- (6) Closing Ceremony (Presentation of Certificate)  
November 20, 2020
- (7) Departure from Japan  
November 23, 2020

**5. TRAINING INSTITUTION**

(1)General Orientation / Japanese Language Program  
Chubu Centre (JICA CHUBU), JICA  
4-60-7, Hiraike-cho, Nakamura-ku, Nagoya, 453-0872, Japan  
Tel: +81(\*)-52(\*\*)-533-0220      Fax: +81(\*)-52(\*\*)-564-3751  
URL: <http://www.jica.go.jp/branch/cbic/index.html>

(2)Technical Training  
Hokuriku Centre, JICA

Rifare Bldg (Office Tower) 4F, 1-5-2, Honmachi, Kanazawa-shi, Ishikawa-ken, 920-0853,  
Japan

Tel: +81(\*)-76(\*\*)-233-5931      Fax: +81(\*)-76(\*\*)-233-5959

(\*) country code of Japan (\*\*) area code

## **6. CONDITIONS OF APPLICATION**

(1) Applicants should have bachelor's degree or higher with professional experiences in any of the areas of medicines, pharmaceutical sciences, analytical chemistry, government policy, sociology, epidemiology, statistics or economics etc.

(2) Applicants should have an adequate ability in English conversation to be able to perform satisfactorily in the course. (TOEFL score: more than 490)

(3) Applicants should be good in health, both physically and mentally, to undergo the training; pregnancy is regarded as a disqualifying condition for participation in the training.

(4) Applicants should not be presently serving in the military.

### **Eligible Applicants**

The Applicants would be from either of;

- a) Government officers in charge of policy related to preventive medicine
- b) Scientists and specialists in the field of preventive medicine either in government or universities or private companies
- c) Medical doctors and pharmacists

## **7. APPLICANTS MUST SUBMIT ANNEX WITH THE APPLICATION DOCUMENTS**

(1) Applicants should submit the certified list of subject items with the marks obtained in each subject issued by a university or an institute of technology.

(2) Applicants should choose three Research Field mentioned 2.(2). a. of CI. Once an applicant decides, he/she should write Annex sheet. This will be used only as a reference for the screening committee. This is because of appointment of supervisor to each applicant.

Note: Applicants should be capable enough to pursue any of Research Field in order for the training institute to have a wider range of decision on screening. This is why any lack of preferences may result in an unsatisfactory application.

(3) Applicants are required to answer the questions on Annex sheet.

## Japan –Mexico Exchange Program 2017

Full Name	
Where to contact	Tel. Fax. Email.
TOEFL Score	

Please write three Research Fields (see 2.(2). a. of CI) by your priority and reason why you choose .

Research Field	Reason
1.	
2.	
3.	

Describe the subject of your interest and explain what kind of research you want to conduct in this course.

Write your proposed research plan from May to November 2018  
(you can use a separate sheet, if necessary)

Write your work experience

To participate in this course,  
participate in this course, interest and explain what kind of graphics etc pre

Explain how you would like to use your training experience on your return.

Introduce yourself

You must attach the certified list of subject items with the marks obtained in each subject issued by the university or institute of technology that you graduated from. And please check the documents with the below check list before submitting the documents.

#### Check List

- ☐ Application form: Did you fill the all blank? Were there no doubts on your remarks in the document?
- ☐ Annex: Did you fill out the all blank?
- ☐ Attachment: Did you attached your certified list of subject items?

Caution: If there is any mistaken in the documents, the applicant will not be accepted in this course.