

## "Center for Medical Transformation (CMX) Young Scientists Collaborative Research Project" Application Guidelines for FY2025

### 1. Aim

The grant seeks to advance joint and international collaborative research among young researchers, aligning with the mission of the Center for Medical Transformation's (CMX). It aims to support developmental research that contributes to the Center's future.

### 1. Research Types and Focus

Funding is available for three types of research:

#### Type A:

- Collaborative research between CMX young researchers or with young researchers in the Graduate School outside CMX. One may be a researcher in our Graduate School (outside of our Center), but we prefer young researchers who can conduct developmental research that can play a role in the future of our Center.

※Please note that collaborative research in different fields (e.g., "intractable cancer" and "drug discovery and medical devices") is encouraged regarding joint research within the Center.

※Although multiple applications from the same labs are acceptable, adjustments may be made at the review stage when two or more applications are submitted.

- Projects utilizing one of more of the following equipment:
  - (1)Xenium: Contact Professor Masashi Horie ( mhorie@med.kobe-u.ac.jp, Molecular Pathology)
  - (2)Mantra2: Contact Associate Professor Yuichiro Koma ( koma@med.kobe-u.ac.jp, Molecular Pathology)
  - (3)Electron Microscope :Contact Professor Ryo Nitta (ryonitta@med.kobe-u.ac.jp, Structural Anatomy)

※Regarding the utilization of the above equipment, consult in advance with Professor Horie, Associate Professor Koma, and Professor Nitta, and formulate a feasible plan. Contact the respective faculty by June 9, 2025, approximately two weeks prior to the application deadline.

#### Type B:

- Joint research between CMX young researchers and those in other departments of the University.

#### Type C:

- International joint research between CMX young researchers and those in overseas

research institutes.

## 2. Eligibility (Definition of "young researchers")

Young researchers (excluding graduate students) under 44 years old (under 46 years old or younger in the case of those who graduated from a sixth-year university) or who have been working for less than ten years after receiving their doctoral degrees. It is preferable that either the principal investigator or co-investigator should be under 40 years old.

## 3. Expenses to be covered by the grant

Expenses necessary for the joint research (in principle, excluding equipment and fixtures) will be covered. Only direct expenses are eligible, and indirect expenses are not included.

## II. Details of the grant

### 1. Grant

Type A: One fiscal year budget of 1.5 to 2 million yen (750,000 to 1 million yen per researcher)

\*Equally distributed among Principal Investigators/Co-investigators

Type B: One fiscal year budget 500,000-2,000,000 yen (allocated only to young researchers within the Center)

Type C: One fiscal year budget of 1 to 2 million yen (allocated only to young researchers in the Center)

※About 3-4 projects will be adopted in types A to C.

※When applying as a continuation or development of a research proposal adopted in the previous year by the same joint research organization, the maximum amount is 3,000,000 yen.

※The principal investigator and co-investigators shall be equally responsible for the proper use of the budget.

### 2. Grant period

The grant period is during the fiscal year 2025 (scheduled to be available from at the beginning of August). The representative researcher (or co-researcher) should report on the progress of the research in writing or at a workshop or conference hosted by the Center by around April of the following fiscal year.

## III. Application Procedures

### 1. Application Form and Submission Method

Two young researchers must jointly submit a proposal using the attached form. One of them should be the "Principal Investigator," and the other the "Co-Investigator." The Principal Investigator should submit the application form in the manner described in 3. In the case of a proposal submitted by a young researcher in the Center and a young researcher from other than the Center, the researcher in the Center should be the "Representative."

## 2. Continuing Proposals

When applying as a continuation or development of a research proposal adopted in the previous fiscal year by the same joint research organization, the "Research Progress Report" submitted in early April of this year must be submitted together with the application.

## 3. How to apply

Applications should be e-mailed to the following address with the subject line below.

- submit to: k9shien@med.kobe-u.ac.jp  
(Address to Amo(Ms.), Research Support Division)
- Subject: Application for 2025 CMX Young Scientists Collaborative Research Project

## 4. Application deadline

By Noon, Monday, June 23, 2025