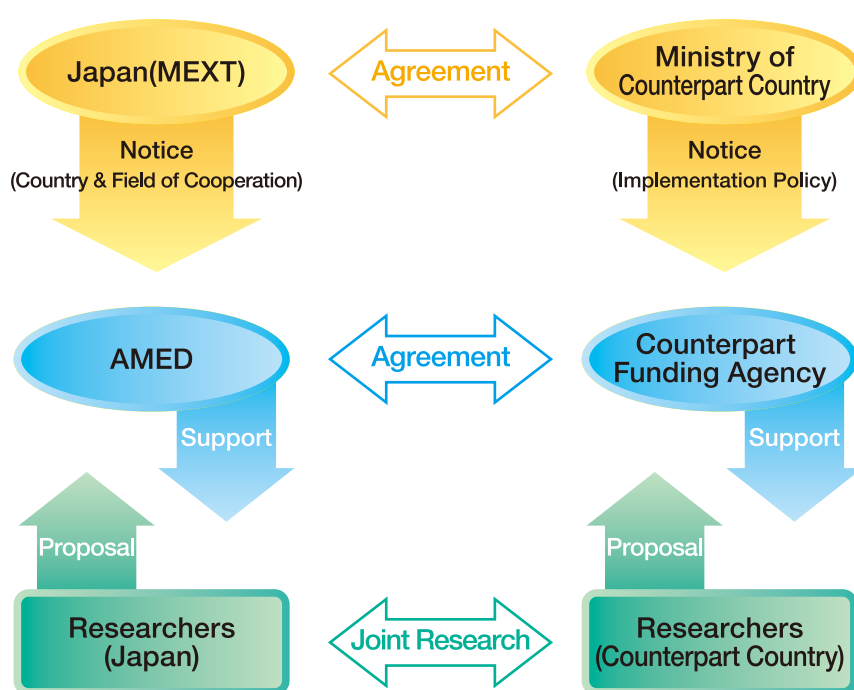


Objectives

The aim of this program is to contribute solutions to challenges facing the world today and to bolster Japan's scientific and technological capabilities through collaboration.

Program Setup

This program provides support for international joint research projects on the basis of equal partnership in countries, regions and fields of cooperation that have been designated as particularly important by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) on the basis of intergovernmental agreements, in collaboration with funding agencies in the countries concerned.



Project Type

Consortium

Large-scale collaborative research in each country is carried out by the composite team.

- Personnel (including young researchers)
- Equipment
- Full-scale experiment, etc.

JPY 30 – 50 million
(USD 300K – 500K)

Acceleration

Acceleration of research with the corresponding foundation.

- Preliminary experiment
- Share of the experimental technique
- Verification of data
- Research meetings , etc.

JPY 5 – 10 million
(USD 50K – 100K)

Research Area — “Epigenetics of Stem Cells”

The “Epigenetics of Stem Cells” AMED-CIHR Joint Research Project is created to promote and expand joint research on ways of developing new innovative technologies with the potential to help us overcome major challenges in our basic understanding of stem cell activity and function, as well as remove barriers to effective translation of stem cell research for health benefits.

Funding Agency of Canada Side

Canadian Institutes of Health Research (CIHR)

Duration

FY2013 ~ FY2017



Japan-Canada Joint Mid-term meeting in 2015

General Description of the Project

Project Title	Epigenetics and stemness in human hematopoiesis and leukemia: a new generation of stem cell targeted regenerative and leukemia therapeutics	
PI	Dr. Hiromitsu Nakauchi 	Dr. John E. Dick 
Affiliation	Institute of Medical Science, University of Tokyo	Canada Research Chair in Stem Cell Biology, Ontario Cancer Institute

Project Title	Genetic and epigenetic hierarchies distinguishing pluripotent and trophoblast stem cells	
PI	Dr. Hitoshi Niwa 	Dr. Janet Rossant 
Affiliation	Institute for Molecular Embryology and Genetics, Kumamoto University	Developmental & Stem Cell Biology, The Hospital for Sick Children

Project Title	Directing Cellular Identity to Move Towards Progenitor Cell Therapies	
PI	Dr. Yasuhiro Yamada 	Dr. Andras Nagy 
Affiliation	Center for iPS cell Research and Application (CiRA), Institute for Integrated Cell-Material Sciences (WPI-iCeMS), Kyoto University	Samuel Lunenfeld Research Institute, Mount Sinai Hospital

※ PI: Principal Investigator

