



# *JSPS's Activity in Asia and Collaborative Programs with Thailand*

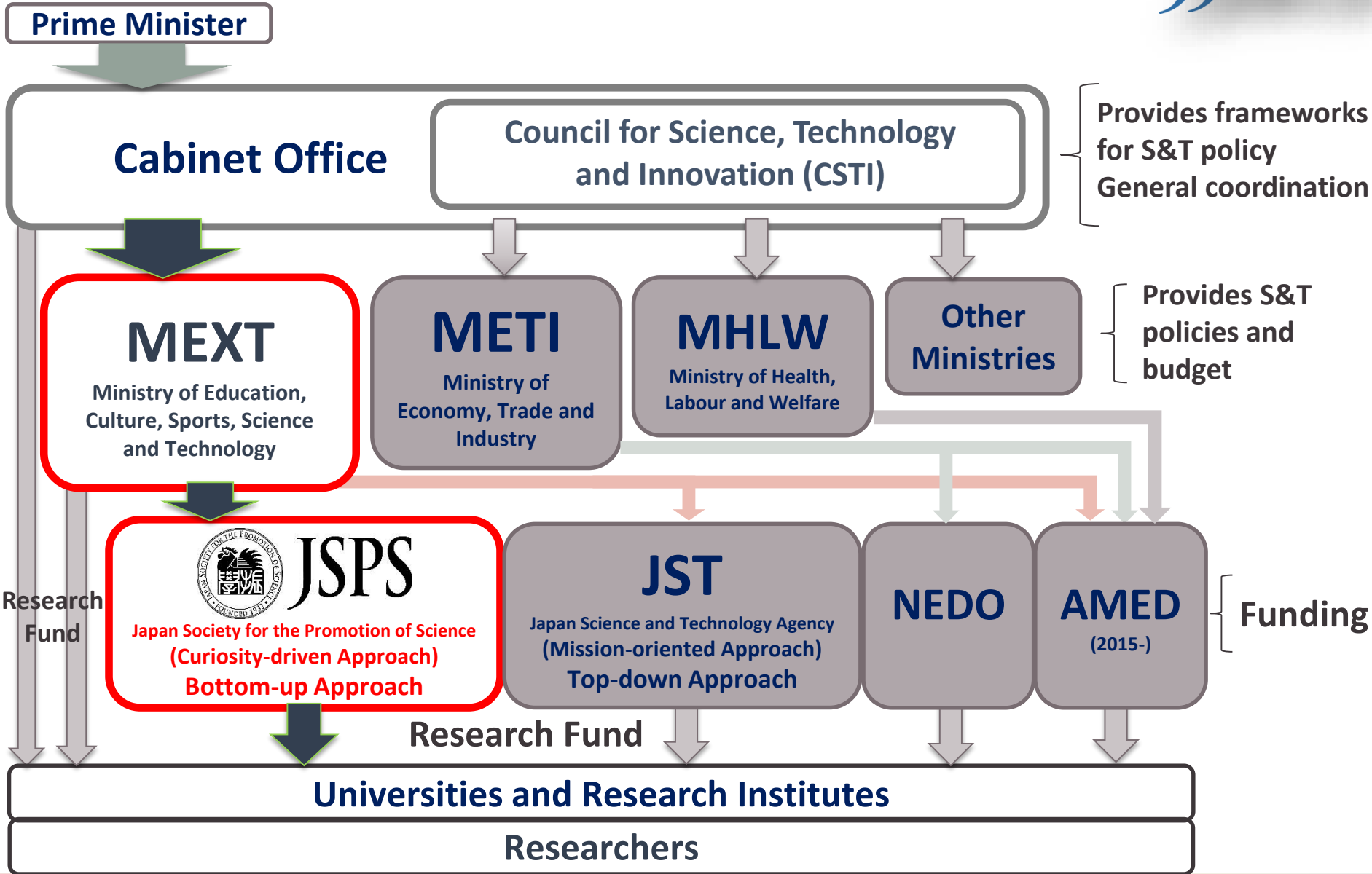
*February 18, 2019 @Silpakorn University*

**Kuniaki Yamashita, Director**

**Suguru NIIHARA, International Program Associate**

**JSPS Bangkok Office**

# S&T Policy System in Japan





## 日本学術振興会

- Established through an endowment by Emperor Showa in 1932



## Major Functions of JSPS

- Funding research initiatives
- Fostering next generation of scientists
- Advancing international collaborations
- Promoting university reform

## **What is JSPS:**

- It is Japan's core funding agency.
- It places high value on both researcher autonomy and research diversity.

## **What does JSPS support:**

- From basic to applied research conducted based on the free ideas of researchers.
- The entire spectrum of academic fields including the humanities, social sciences, and natural sciences.

## **Application Selection:**

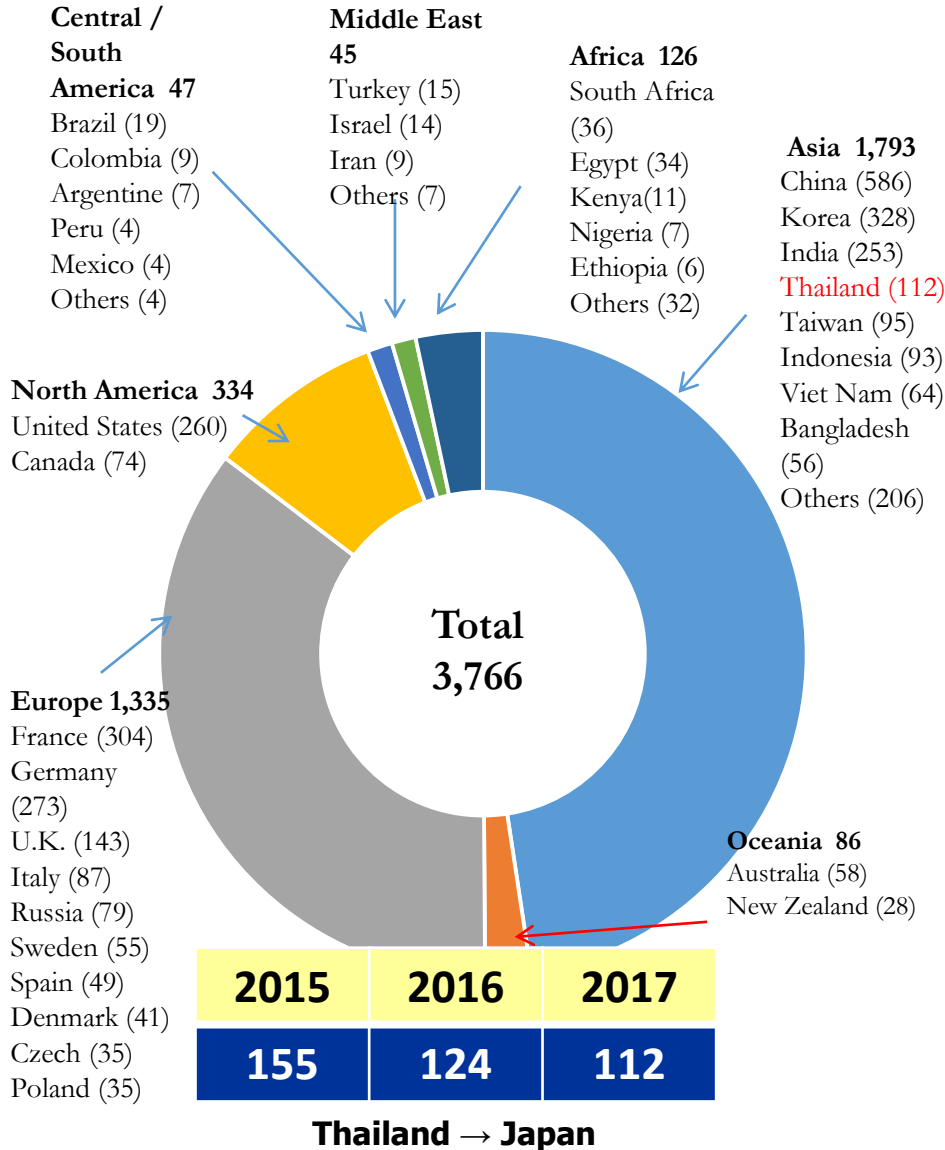
- Bottom-up approach; invite applications through open calls.
- Competitive funding; evaluate through peer review.
- Fair and transparent screening; select based on academic merit.

## **International programs:**

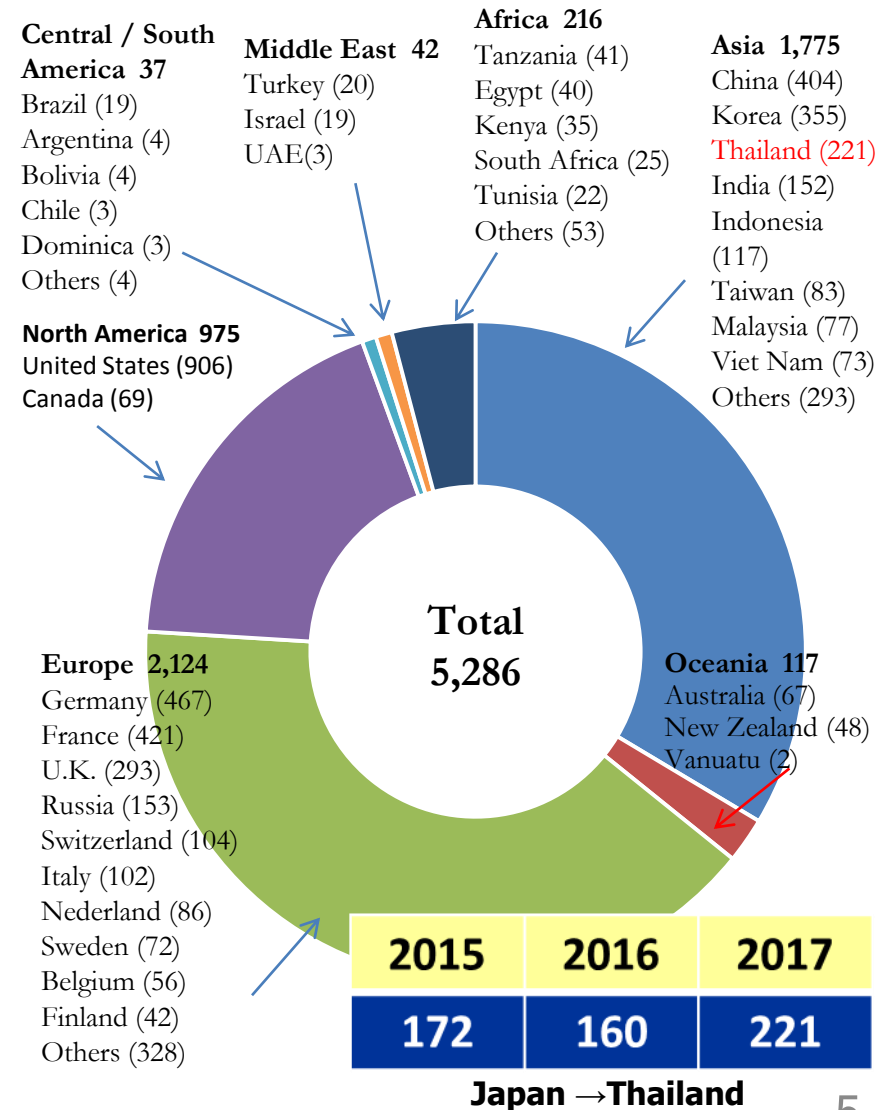
- Focus placed on mobilizing researchers.
- Aimed at establishing robust international cooperative networks.
- Travel expenses covered and international fellowships provided.

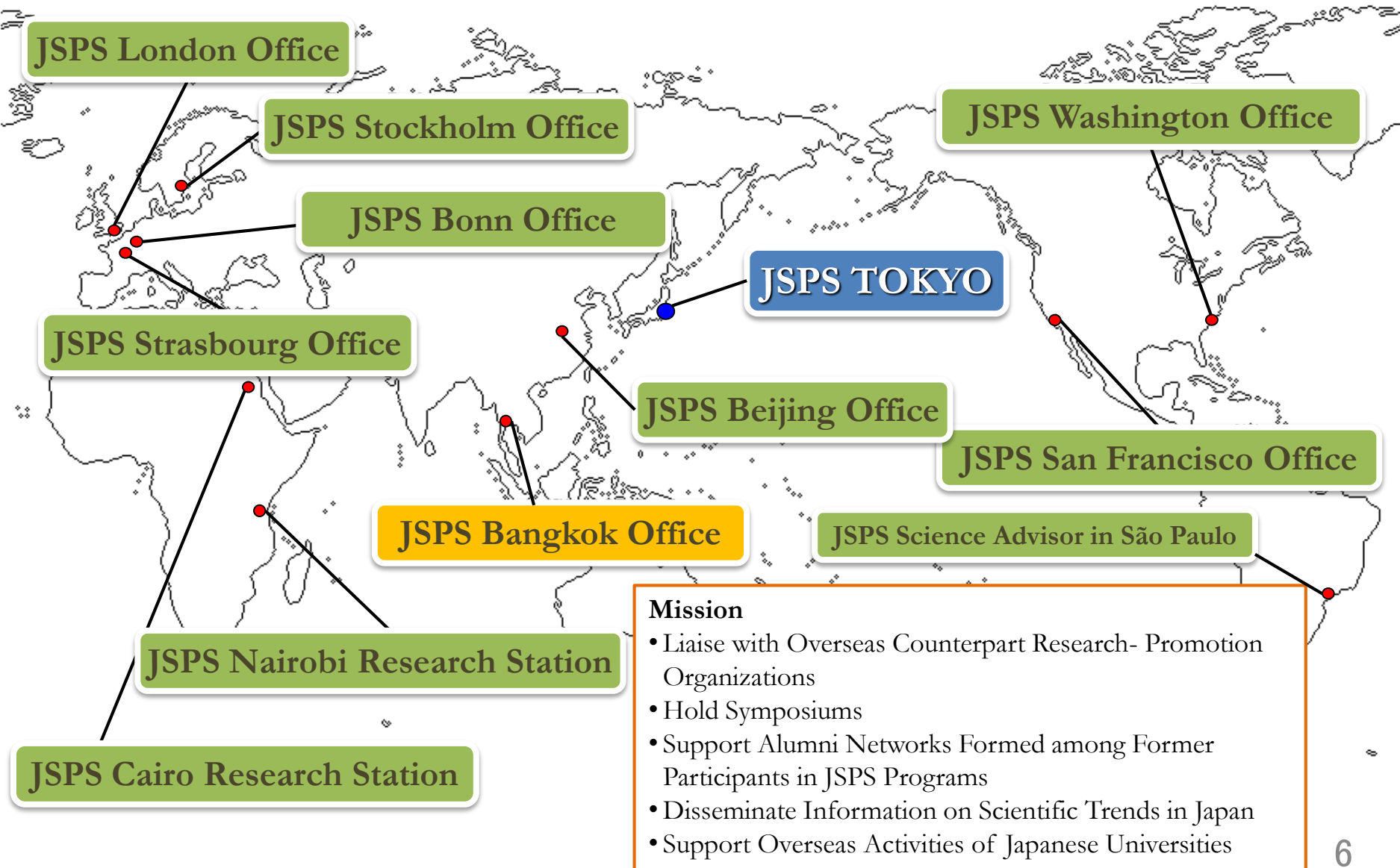
# Number of Researchers Exchanged under JSPS Programs

## ◆ Foreign Researchers → Japan (FY2017)



## ◆ Japanese Researchers → Abroad (FY2017)







## Overview

- ◆ Established in 1989
- ◆ Director: Prof. Kuniaki YAMASHITA
- ◆ Covers ASEAN 10 countries  
+ Bangladesh and Nepal

## Main Roles

- ◆ Collaborate with academic institutions in ASEAN region.
- ◆ Provide information about fellowship programs in Japan for researchers in the region.
- ◆ Organize academic seminars.
- ◆ Maintain and strengthen relationships with former JSPS fellows.
- ◆ Assist Japanese researchers and university administrators who visit ASEAN region.



JSPS guidance seminar  
at Chulalongkorn University, July 2018



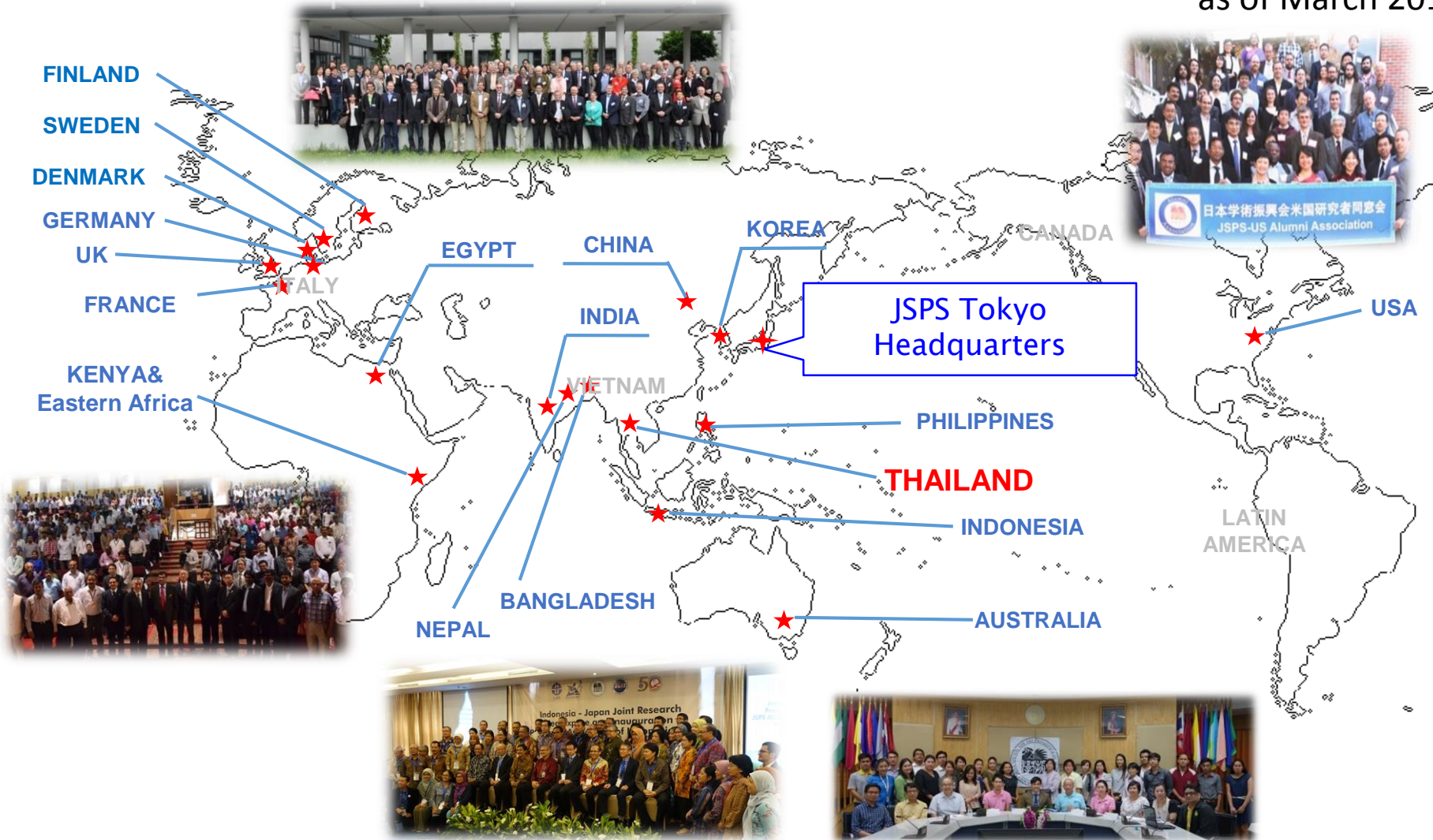
NRCT-JSPS-JAAT Seminar  
at Thailand Research EXPO, August 2018

# JSPS Alumni Associations



**18** Alumni Associations and **7,759** of JSPS fellows join their activities.

\*as of March 2018





JSPS Bangkok Office supports Thailand, Bangladesh, Philippines, Nepal and Indonesia.



Bangladesh JSPS Alumni Association (BJSPSAA) established in 2009



JSPS Alumni Association of Thailand (JAAT) established in 2010



JSPS Alumni Association of the Philippines (JAAP) established in 2013



Nepal JSPS Alumni Association (NJAA) established in 2016



JSPS Alumni Association of Indonesia (JAAI) established in 2016



**RONPAKU Medal Award Ceremony,  
Feb.2018**



**JSPS-JAAT-NRCT Seminar  
"EEC and Sustainable Development" , Feb. 2018**

## Alumni Activities

- ◆ Holding general assemblies and scientific symposia
- ◆ Holding RONPAKU Medal Award Ceremony

- ◆ Operating websites

### ◆ BRIDGE Fellowship

Providing opportunities for former JSPS fellows to re-visit Japan for research activities

## 1. Int'l Fellowships for Research in Japan

- Postdoctoral Fellowship
- Invitational Fellowship (Long, Short, Short-S)

## 2. RONPAKU Program

- RONPAKU = Dissertation PhD

## 3. Bilateral Programs Core-to-Core Program

- Collaborating on research activities with Japanese researchers

# JSPS International Fellowship

①  
Postdoctoral  
Fellowship  
(1-2 years)

Target

6 years after PhD

②  
Invitational Fellowship

Long  
(Up to 10 months)

Short  
(Up to 2 months)

Short S  
(Up to 1 month)

Target

Full-time researcher (Professor, Assoc. Prof., and etc.)



# 1. Postdoctoral Fellowship



<p><b>Target</b></p>	<p>Post-doc Researchers                  (Up to <b>6 years</b> after Ph.D.)                  *No age limit                  *No need to have a full-time position at research institutions</p>
<p><b>Length of Stay in JP</b></p>	<p>12 to 24 months                  (= 1 to 2 years)</p>
<p><b>Financial Support</b></p>	<p>362,000 JPY(≒103,000THB)/month                  A round-trip air ticket (Economy)</p>

Application guideline

<http://www.jsp.go.jp/english/e-fellow/application-19.html>

# 1. Postdoctoral Fellowship

	Option 1	Option 2
Application Deadline	26 April 2019	Early-September 2019
Get Result	Mid-August 2019	December 2019
Start Research from	1 September 2019 (Earliest)	1 April 2020 (Earliest)

Application guideline

<http://www.jsps.go.jp/english/e-fellow/application-19.html>



## 2. Invitational Fellowship



	Long-term	Short-term	Short-term S
Target	Full-time researcher (Professor, Assoc. Prof., and etc.) Young Researcher----->Nobel Prize Level		
Length of Stay in JP	2 to 10 months	14 to 60 days	7 to 30 days
Financial Support	387,600 JPY (≒111,000THB)/ month	18,000 JPY (≒5,100THB ) /day	42,000 JPY (≒12,000THB) /day

Application guideline :

<http://www.jsps.go.jp/english/e-inv/application/2019application.html>




## 2. Invitational Fellowship

	Long-term	Short-term	Short S
Application Deadline	Sep. 2019	① 26 April 2019 ② Sep. 2019	
Get Result	Dec. 2019	① Aug. 2019 ② Dec. 2019	
Start Research from	1 April. 2020 (Earliest)	① 1 Oct. 2019 ② 1 April 2020 (Earliest)	

Application guideline :

<http://www.jsps.go.jp/english/e-inv/application/2019application.html>


# JSPS International Fellowship

		Success Rate in FY2017 In Thailand 			Success Rate in FY2017 All over the world		
		Applied	Selected	Success Rate	Applied	Selected	Success Rate
Postdoctoral Fellowship		50	3	<b>6.0%</b>	<b>2,473</b>	<b>249</b>	<b>10.2 %</b>
Invitational Fellowship	Long	9	2	22.2%	234	70	29.9 %
	Short	6	2	33.3%	600	180	30.0 %

\*Postdoctoral Fellowship and Invitational Fellowship (Short) accept applications twice a year (April and September).

\*JSPS does not set quota for each country.

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		Success Rate in FY2017 In Thailand 			Success Rate in FY2017 All over the world		
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\*Postdoctoral Fellowship and Invitational Fellowship (Short) accept applications twice a year (April and September).

\*JSPS does not set quota for each country.

## Who can apply for JSPS RONPAKU program?

### Eligibility

\*Excerption of important parts from application guideline

**The candidate must be a researcher**

(1) Who has NOT obtained a PhD degree

(2) Who is employed full time at a university or research institution as a researcher

(3) Who is **45 years of age or younger\***

\*as of 1 April 2020

Application guideline:

<https://www.jsps.go.jp/english/e-ronpaku/applicationforms.html>



## RONPAKU Fellows' Benefits

<b>Fellowship Tenure</b>	<b>Maximum of 3 years</b> (from 1 April 2020)
<b>Financial Support</b>	Up to 1.2 million JPY/year (≒342,000 THB/year)  This money can be used for...  <ol style="list-style-type: none"><li><b>1. Travel expenses</b> (Japan ↔ Thailand)</li><li><b>2. Other expenses</b> related to the fellow's dissertation research/submission, etc.</li></ol>

Application guideline:

<https://www.jsps.go.jp/english/e-ronpaku/applicationforms.html>

## RONPAKU fellows' benefits

**Application  
Deadline**

**August 2019**


(The exact date will be announced in June 2019)

Application guideline:

<https://www.jsps.go.jp/english/e-ronpaku/applicationforms.html>

# # of Application in FY2015 - 2018

## For RONPAKU

	Thailand 			All RONPAKU applicable countries*		
	Applied	Selected	Success Rate	Applied	Selected	Success Rate
FY2015	3	1	33.3%	72	21	29.2%
FY2016	6	1	16.7%	66	20	30.3%
FY2017	3	1	33.3%	62	20	32.3%
FY2018	5	1	20.0%	40	16	40.0%

\*The number of RONPAKU applicable country is approximately 90.

Number of fellows who successfully received Ph.D.  
supported by JSPS RONPAKU program (FY1978-2017)

Country	No.	Country	No.
1. Thailand	222	7. India	34
2. Indonesia	148	8. Malaysia	30
3. Philippines	93	9. Bangladesh	19
4. Korea	80	10. Mongolia	7
5. China	74	11. Nepal	5
6. Vietnam	43	TOTAL (including other countries)	787

- Find your host researcher in Japan

- Your host researcher needs to submit your application (*Fellowship and RONPAKU*) to JSPS

- Who can be your host researcher?

- Researcher who is working at universities or research institutions as a **full-time** researcher.

- No nationality limit





## Research Map (<https://researchmap.jp/>)

The screenshot shows the Research Map website interface. At the top, there are navigation links for "日本語", "English", "Sign up", and "Login". The main header includes "researchmap" and navigation tabs for "Home", "Researcher Search", and "Community Search".

**Researcher Search**  
Select items to narrow your search results

**Area**

- Hokkaido
- Tohoku
- Kanto
- Chubu
- Kinki
- Chugoku
- Shikoku
- Kyushu
- etc

**Institutions**

- National Institutes
- Independent
- Administrative Agencies
- Inter-University Research
- Institute Corporations
- Public Research Institutes
- Universities
- Public Corporations
- Enterprise's Research Institutes
- Others

**Search Filters:**

- Name:
- Affiliation:
- Research keyword:
- Research area: Main category [-- not specified --] Sub-category [-- not specified --]
- Last modified in:

**Search** **Clear**

**Researchers in Japan** **Researchers**

Currently, the most numerous is **Informatics researcher.**

• Informatics	4.3%
• Clinical internal med...	4.1%
• Basic medicine	3.9%
• Literature	3.8%
• Electrical and electr...	3.2%
• Philosophy	3.0%
• Clinical surgery	3.0%
• Biological Science	3.0%
• Education	2.9%
• Mechanical engineering	2.7%
• Economics	2.5%
• Linguistics	2.5%
• Psychology	2.4%
• Sociology	2.3%
• Physics	2.2%
• Neuroscience	2.2%

**Researchers:**

- HORI, Masaru
- Kitagawa Hiroyuki
- Hara Kazuhiko
- Abe Yutaka
- Tokuda Katsumi
- YOSHIDA, Yutaka
- Kadowaki Kazuo
- Kuga Keisuke
- HIGANO Yoshiro

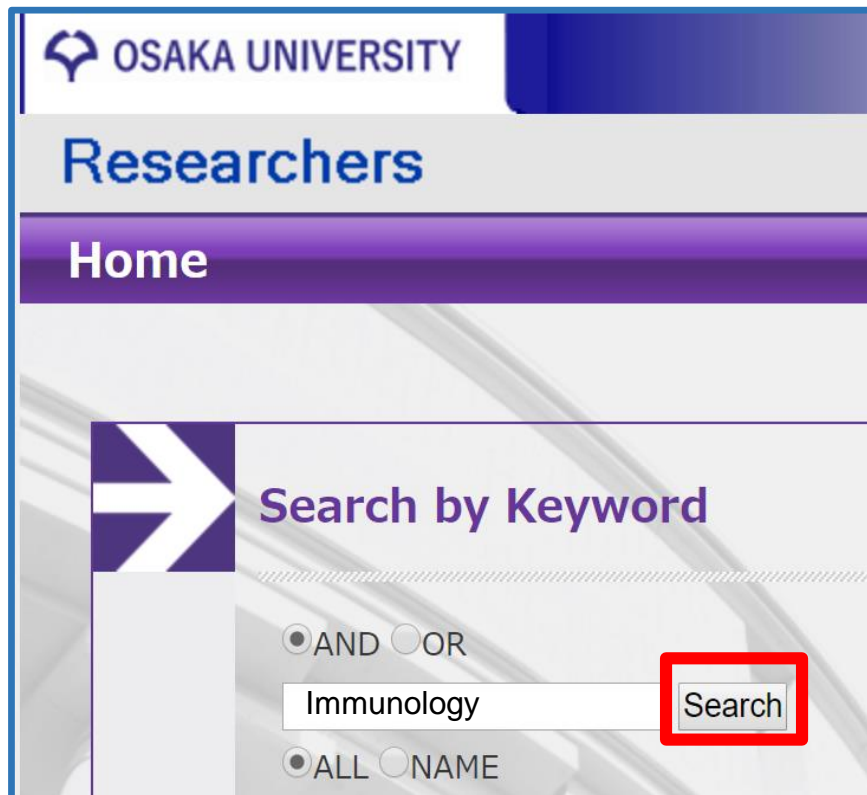
• One of the biggest researcher database in Japan

• You can search researchers by name, affiliation, research key word, and etc.

→ Many researchers provide contact information on research map

## University Researcher Database

For example...



OSAKA UNIVERSITY

### Researchers

Home

#### Search by Keyword

AND  OR

Immunology

ALL  NAME

<http://www.dma.jim.osaka-u.ac.jp/search?m=home&l=en>



Search by

- Research Field
- Affiliation
- Name
- Publication
- Keyword

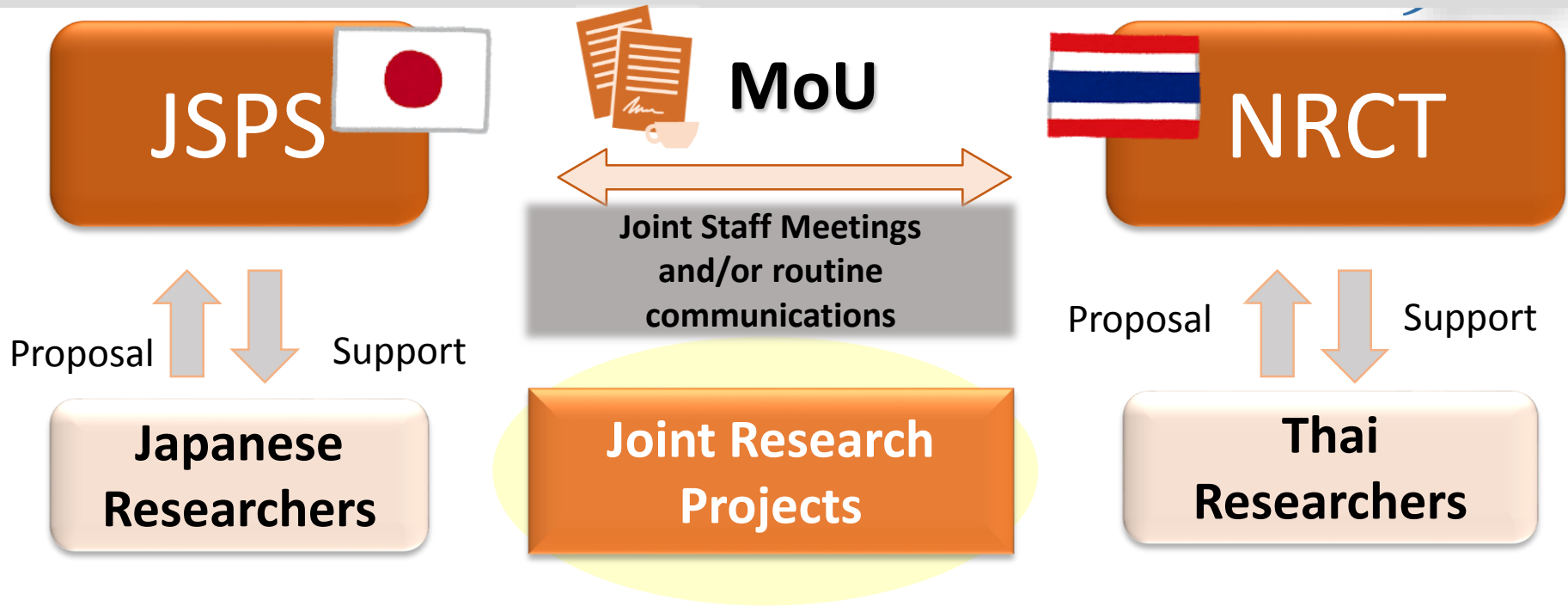
ACADEMIC RESEARCH STAFF AT TOHOKU UNIVERSITY

東北大学研究者紹介

<http://db.tohoku.ac.jp/whois/TunvTopE.html>



# Bilateral Cooperation Based on MoUs



**Purpose:** To promote and support academic cooperation between highly qualified Japanese and Thai researchers

**Practice:** Equal cost sharing for implementing cooperative activities

Please contact NRCT for more detail.

NRCT contact person: Ms. Arpar Nateprapai

Mail: arpar.n@nrct.go.th TEL: 02-579-2690

Ongoing Projects with **NRCT** . . . 7 projects

	<b>Project Title</b>	<b>Institution</b>	<b>Duration</b>
<b>1</b>	<b>Novel drug discovery by physicochemical screening and genome analysis of biosynthetic gene clusters and regulatory genes of Actinomycetes</b>	<b>Kasetsart University and Kitasato University</b>	<b>April 1, 2016 – March 31, 2019</b>
<b>2</b>	<b>Proposing new building design guideline for Thailand based on building damage and seismic and tsunami fragility functions - Lessons from recent earthquakes and tsunamis in Japan and Thailand -</b>	<b>Mahidol University and Tohoku University</b>	<b>April 1, 2017 – March 31, 2019</b>
<b>3</b>	<b>Establishment of syntrophic microbial community improving efficiency of methane production from agro-industrial wastewaters</b>	<b>National Center for Genetic Engineering and Biotechnology and Nagaoka University of Technology</b>	<b>April 1, 2017 – March 31, 2020</b>

Ongoing Projects with **NRCT** . . . 7 projects

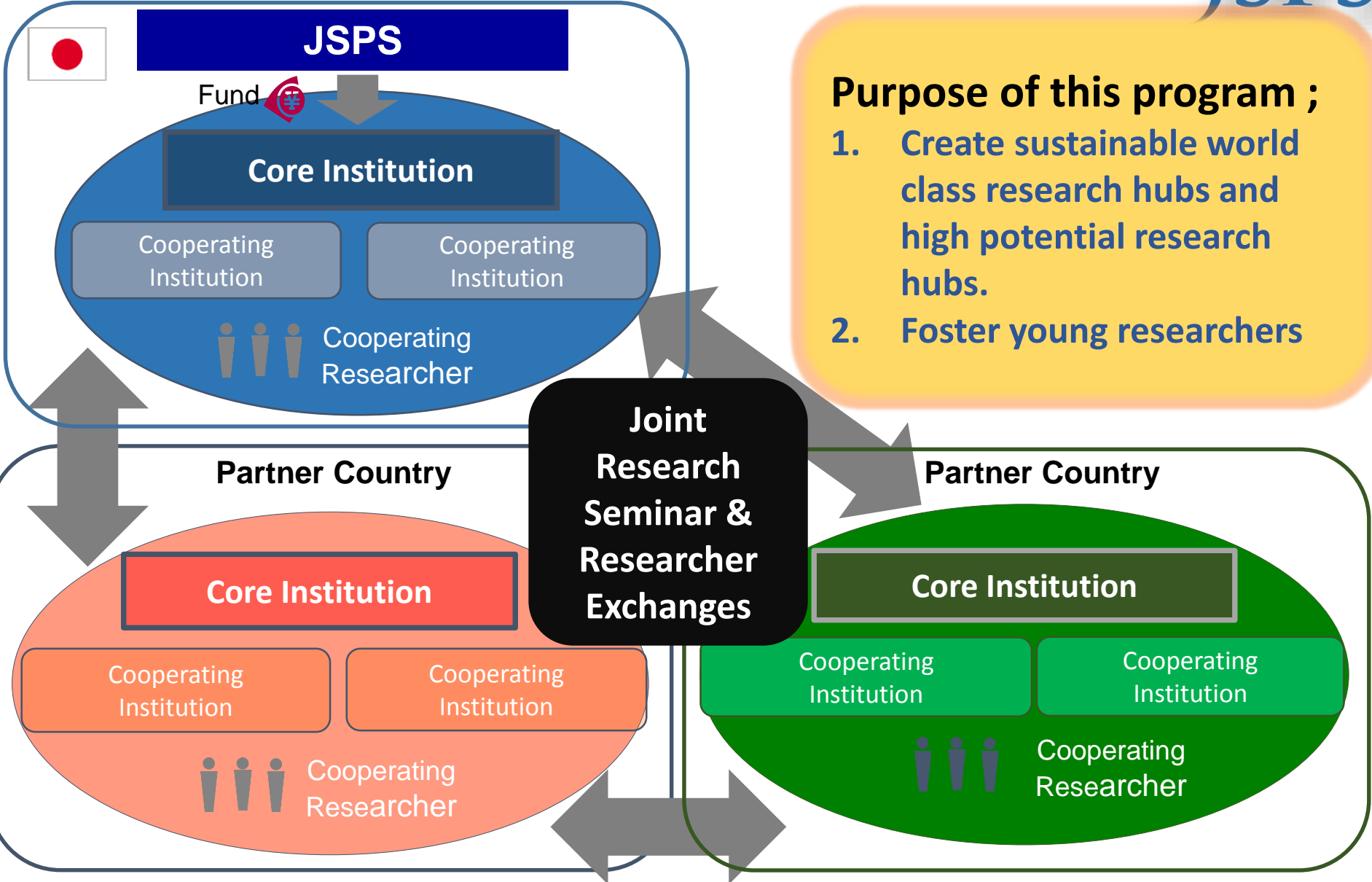
	<b>Project Title</b>	<b>Institution</b>	<b>Duration</b>
4	Screening for mycoviruses potentially controlling plant devastating anthracnose disease	<b>Kasetsart University</b> and Nagoya University	April 1, 2017 – March 31, 2020
5	Biomass-derived value-added chemicals via metal- and photocatalysts	<b>Chulalongkorn University</b> and Kansai University	April 1, 2018 – March 31, 2021
6	Composites of Chitosan and Bioabsorbable Synthetic Polymers for Skin Wound Healing Materials	<b>Kasetsart University</b> and NAIST	April 1, 2018 – March 31, 2021
7	Expansion of cord blood hematopoietic stem cells by using bioactive peptide	<b>Mahidol University</b> and Kyushu University	April 1, 2018 – March 31, 2021



**Application  
Deadline**

**September 2019**  
(for Japanese researchers)  
**✘ NRCT's deadline might be  
different from JSPS's one.**

## Creating Research Hubs – Core-to-Core Program–



**Purpose of this program ;**

1. Create sustainable world class research hubs and high potential research hubs.
2. Foster young researchers

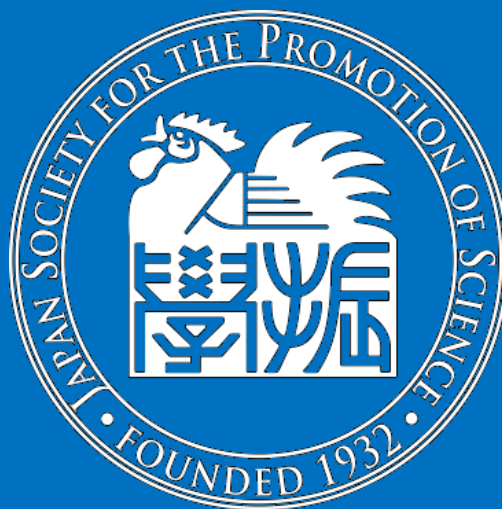
*All of the application procedure for the program is conducted by core institutions in Japan.*

Type A	Core-to-Core Program	Type B
Promote international collaboration in cutting edge fields	<b>Purpose</b>	Create high-potential research hubs in fields of special importance or significance to Asia and/or Africa
Countries that have diplomatic relations with Japan	<b>Target</b>	Asian and/or African Countries
18 million JPY (≒5.2 million THB)/year	<b>Grants(JPY)</b>	8 million JPY (≒2.3million THB)/year
Required	<b>Matching Fund</b>	Optional
5 years	<b>Duration</b>	3 years

**Application  
Deadline**

**October 2019**

# Thank you!



Please check our online information!!

Website: [www.jsps-th.org](http://www.jsps-th.org)

Facebook: [JSPS Bangkok Office](#)