

**e-ASIA Joint Research Program (the e-ASIA JRP)**  
**Research Cooperation in the field of**  
**“Materials (Nanotechnology)”**  
**On the topic of**  
**“Functional Bio-Nanotechnology for Innovative Materials System”**  
**Joint Call for Proposals to be submitted by 23 March 2017**

**I. General Description**

**I-1. Joint Funding of Multilateral Research Cooperation**

The e-ASIA Joint Research Program (hereinafter referred to as the “e-ASIA JRP”) aims to develop a vibrant and collaborative research community in Science and Technology, to promote innovation in the East Asian region, and to contribute to the region’s economic development.

As part of the program, the following current Member organizations of the e-ASIA JRP hereinafter singularly referred to as a “Party” and plurally as “Parties”, have agreed to establish a new scheme for joint funding of multilateral cooperative activities. After consultations among the Parties, “**Functional Bio-Nanotechnology for Innovative Materials System**” has been selected as one of the specific research areas for the 6<sup>th</sup> call.

Participating Parties (listed in alphabetical order):

- 1) Japan: Japan Science and Technology Agency (JST)
- 2) Myanmar: Ministry of Education (MOE)
- 3) Philippines: Department of Science and Technology (DOST)
- 4) Russia: Russian Foundation for Basic Science (RFBR)
- 5) Thailand: National Science and Technology Development Agency (NSTDA)
- 6) Vietnam: Ministry of Science and Technology (MOST)

**I-2. Aim of Joint Call and Research Area**

By strengthening multilateral collaboration among researchers of the countries of participating call Member organizations in the area of “Functional Bio-Nanotechnology for Innovative Materials System”, the aim of the Joint Call is

to pursue state-of-the-art technologies and solutions to issues common across the region and required from society, towards realization of an innovative and robust economy in the region.

The Parties will invite joint proposals on multilateral collaborative research on “Functional Bio-Nanotechnology for Innovative Materials System”.

**Please be advised that proposals mainly targeting a medical research, e.g. medicine, drug development and study of disease, are not eligible in the call.**

**Research topics include but are not limited to:**

**1) Component Technology for Bio-nano Material System**

- Material interface control technology, such as surface modification, colloid study, surface interaction analysis and so forth
- Micro-fabrication technology for nano materials, such as nano-pores, -pillars, -wires, -particles, -fiber, -gels and so forth
- Bio-molecular technology for advanced materials such as new enzyme synthesis

**2) Nanotechnology-based Biomaterials**

- Biocompatibility, Biocompatible material, and Biocompatible polymer
- Biodegradability, and Biodegradable material
- Material systems for human body building

**3) Bio-nano Device and Bio-nano Chip**

- Bio-nano devices such as implantable diagnostic devices
- Bio-nano chip technology such as chips for biomonitoring and organs-on-a chip

**4) Bio-nano Machine**

- Molecular assembly
- Delivery method for polymer micelle technology

**5) Instrumentation and Characterization Technology**

- Bio-imaging, Bio-sensing and Biosensors
  1. Nano-scale characterization tools and methods

All applicants must:

(1) identify regional issues in the field of “Functional Bio-Nanotechnology for Innovative Materials System” and how their research proposals are expected to solve these issues,

and

(2) fulfil their respective national eligibility rules for research grant application.

Researchers from industry may participate in the joint collaboration in accordance with national eligibility rules.

### I-3. Invitation of Proposals and Prospective Applicants

Scientists from the countries listed above in Section I-1 are invited to identify potential research partners in at least two other countries of the e-ASIA JRP Member organizations which participate in this Call (i.e. partners from the countries listed in Section I-1, above) and to jointly prepare a collaborative research proposal in the area of Functional Bio-Nanotechnology for Innovative Materials System.

All applicants must fulfil their respective national eligibility rules for research grant application. Researchers from industry are encouraged to participate in the joint collaboration in accordance with national eligibility rules. Applicants should contact the person noted in Section VI for information on each Party’s national eligibility rules.

In each application the “Lead PI” should be identified from among the named scientists engaged in “multi-country” research team. The Lead PI is responsible for submitting an application form, liaising with the Secretariat, and other interactions to facilitate application completion, receipt and review.

Researchers may participate in joint research projects by utilizing funding already received from the Parties (“re-budgeting”) or “in-kind” support they may have available from other funding sources. meaning that the Party of the

researcher's country will not necessarily be making available additional funds to allow scientists from their country to participate in a collaborative project.

The following is the list of acceptable type of participation by each Party. (“✓” means “accept”)

Country	New	Re-budgeting	In-kind
Japan (JST)	✓		
Myanmar (MOST)			✓
Philippines (DOST)	✓		✓
Russia (RFBR)	✓		
Thailand (NSTDA)	✓		
Vietnam (MOST)	✓		

New: New budget is requested for a project (either to support a new scope of work or to supplement an on-going project that is eligible to receive supplemental funding)

Re-budgeting: Funds from the Party may be reallocated (with the Party's permission) from one spending category to a project approved under the e-ASIA JRP, or are combined with goods, commodities, or services instead of money (i.e. material compensation)

In-kind: A principle investigator participates in a project using funds that are available from another funding source other than the Party from his/her country

Myanmar researchers can participate in research projects only on an "in-kind" basis, as there will be no new or additional support available from the Myanmar MOE.

Eligible Filipino researchers seeking new funding should apply for Grants-in-Aid (GIA) from DOST through the Philippine Council for Health Research and Development (PCHRD). Filipino researcher applicants are advised to download

all applicable DOST-PCHR D GIA Forms from the PCHR D website, completely accomplish these forms, and send these through the PCHR D online submission system (<http://www.projects.pchrd.dost.gov.ph/>). The DOST-PCHR D also requires submission of a formal letter of intent from the applicant with a statement that the proposal is for e-ASIA JRP and an endorsement from the authorized head of organization.

"In-kind" support may come from public sources, foundations or non-profit organization only.

It is advised for researchers who will participate in research project on an "in-kind" basis to notify the funding agency (i.e. his/her funding source) that he/she will reallocate their budget for the e-ASIA project, and to obtain a "Letter of Consent" from funding agencies.

Conditions regarding the number of countries which can participate on an "in-kind" basis in one research project will vary by country.

In principle, at least one country should participate with "new" or "re-budgeting" fund meaning that it is not acceptable as an e-ASIA project if all the applicants intend to participate in research project on an "in-kind" basis.

#### I-4. Financial Support

The Parties plan to support cooperative activities including sending and inviting researchers to the counterpart countries. In principle, each Party will support expenses for its own country's researchers.

## II. Support

The duration of a cooperative research project will be three years (36 months), in total, from the start date.

Details of conditions of support will vary by country. Applicants shall refer to the Appendix for each Party's conditions.

### <Support Overview>

- Budget for Cooperative Research Projects
- Details of Support
- Funded Expenses

Funding provided within this call is intended to enhance the capacity of the applicants to collaborate. Funding will therefore be provided mainly in support of collaborative activities but may also cover some of the local research costs that are necessary for the collaboration.

- Contract between Applicant and Each Party
- Contract among Researchers

### **III. Application**

Proposals must be submitted by e-mail to the e-ASIA JRP Secretariat.  
Applications shall be written in English.

In addition to the common application form, each Party may require additional documents. Those requirements are in the Appendix.

The proposal shall include:

- a) Project description including how collaboration will be carried out, with clear statements of what roles each country's researchers will play respectively in the project;
- b) Description of the expected outcomes of the proposed project, scientifically as well as in terms of relevance for industry and society;
- c) Description of the ongoing activities and specific advantages of each group respectively, which form the basis for the proposed joint project;
- d) Description of the expected value added from the proposed joint project, including how the competence, technology and other resources in each group complement each other;
- e) Description of how the project is expected to help strengthen multilateral research collaboration over the longer term;
- f) Description of the expected value added from the multidisciplinary approach in the proposed joint project; and
- g) Description of how the proposed joint project interacts with or impacts on other comparable activities worldwide.

### III -1. Application Forms

Researchers should prepare the following application (proposal) forms in English (“E”).

For further requirements by each Party, researchers shall refer to the Appendix or shall consult each Party of his/her country.

- Form 1E Application outline (title of cooperative research project, names of PIs, cooperative research period)
- Form 2E Summary of the Project
- Form 3E Information on the PIs (their CVs\*)
- Form 4E List of individuals committed to the cooperative research project in each country
- Form 5E Description of the cooperative research project including the points stated above.
- Form 6E Research Networking Plan
- Form 7E Budget plan for the project
- Form 8E Research Infrastructures and funds from other sources
- Form 1J/2J Japanese applicants only

*\* The description of Curriculum Vitae (CV) from each PI shall include basic information on education, past and present positions, membership of relevant organizations/associations and a publication list in the past 5 years.*

In addition to the documents above, all projects must comply with ethical review and requirements of each country/member organization, especially for research activities related to human and animal subjects. Applicants shall refer to the Appendix for each Party’s ethical requirement.

### III-2. Preparation of Application Forms

Applicants should fill in the particulars in all the application forms listed in III-1 above.

### III-3. Submission of Application Forms by Lead PI

Lead PI should submit proposals to the e-ASIA JRP Secretariat at the e-mail address (easia\_secretariat@jst.go.jp) by 17:00 (Thai Standard Time, UTC+7) on **23 March 2017**.



Yoshihide Kobayashi (Mr.)  
e-ASIA JRP Secretariat  
E-mail: easia\_secretariat@jst.go.jp

Applicants should refer to the Appendix for his/her Party's requirement.

Application forms sent by any method other than e-mail, such as post, fax or telex will be rejected. The e-ASIA JRP Secretariat does not assume any responsibility for delay or error in e-mail delivery.

#### III-4. Receipt of Application Forms by the e-ASIA JRP Secretariat

Following the submission of applications, the e-ASIA JRP Secretariat will send a confirmation email to each applicant who has submitted an application form to confirm receipt of his/her proposal. In case an applicant does not receive a confirmation e-mail from the e-ASIA JRP Secretariat within 1 week, they should contact the e-ASIA JRP Secretariat at the address above.

### **IV. Evaluation of Project Proposals**

#### IV-1. Evaluation Procedure

Each Party evaluates all proposals submitted by their local researchers from their respective country. Based on the results of the evaluation, a final decision on which projects to be selected for funding will be made at the Board Meeting of the e-ASIA JRP.



## IV-2. Evaluation Criteria

The following general evaluation criteria will apply to each application:

### 1) Regional Relevance of the Research

The research activity should contribute to:

- The advancement of scientific discovery;
- The development of science and technology in the region; and
- The resolution of significant issues across the region.

### 2) Mutual Benefits of the Joint Research

Activities of mutual benefit to the collaborators and their institutions are desirable. Mutually-beneficial in the sense that the projects utilize unique opportunities the e-ASIA JRP will provide that could not be achieved either through bilateral or individual research but only through multilateral cooperation.

### 3) Effectiveness of Exchange

The project should:

- Contain activities to nurture early career researchers through research activities;
- Contain activities to engage female researchers where strengthening capacity is needed; and
- Enhance research capacity in the region.

Evaluation criteria are not limited to the above three. Each Party who participates in this Call has its own additional criteria. These criteria may be applied to each application. Therefore, researchers should familiarize themselves with the evaluation criteria in their respective country they are applying from.

## IV-3. Announcement of Decision

Applicants will be notified of the final decision by July 2017 regarding which projects will be funded.

## **V. Responsibilities of PIs After Proposals are Approved**

After the proposal has been approved, PIs and their affiliated institutions will observe Parties' own country guidelines and the following when carrying out the cooperative research and utilising funding.

It is also encouraged that the project proactively disseminates its achievements to the public and releases result in the Progress and Final reports as much as possible.

### **V-1. Progress Report**

#### **V-1.1 Progress Report to the Board and Scientific Advisory Council**

In the middle of research period (i.e. after one and a half year), the lead PI shall promptly develop and submit an integrated progress report to the Secretariat on the status of joint research. The report will be reviewed by the Board and Scientific Advisory Council

#### **V-1.2 Progress Report to each Party**

All researchers must follow the own Parties' rules as in the Appendix.

### **V-2. Final Report**

#### **V-2.1 Final Report to the Board and Scientific Advisory Council**

After completion of the period of joint research, the lead PI shall develop and submit within one month an integrated final report to the Secretariat on the results of the joint research. The report will be reviewed by the Board and Scientific Advisory Council

#### **V-2.2 Final Report to each Party**

All researchers must follow their own Parties' rules as in the Appendix.

### V-3. Others

It is strongly recommended that a Collaborative Research Agreement (hereinafter referred to as "CRA") among PIs/PI's research institutions should be executed to assure optimal understanding and coordination among the collaborating scientists working on each project before project starts. CRA should include the treatment of intellectual property rights, handling of confidential information, publication of research results, warranty and indemnification, and access to and transfer of the bio-resources. Some Parties require to have a CRA. Applicants shall refer to the Appendix for each Party's requirement.

## VI. Contact information

Applicants should contact the following for information on each Party's national eligibility rules or support conditions:

1) Japan: Japan Science and Technology Agency (JST)



Dr. Takashi Kawabe, Ms. Izumi Tsune and Ms. Shoko Hirakawa  
Department of International Affairs  
Japan Science and Technology Agency (JST)  
Tel: +81(0)3-5214-7375 Fax: +81(0)3-5214-7379  
E-mail: [easiajrp@jst.go.jp](mailto:easiajrp@jst.go.jp)

2) Myanmar: Ministry of Education (MOE)



Mr. Win Khaing Moe  
Acting Director General

Myanmar Scientific and Technological Research Department  
Ministry of Education, Myanmar  
Tel: +95-1-663024 / +95-1-664930 / +95-9-5005941 Fax: +95-1-668033  
E-mail: winkmoe@gmail.com

Dr. Aye Mon Win  
E-mail: frd17309@gmail.com

Department in charge  
E-mail: aseanmost@gmail.com

3) Philippines: Department of Science and Technology (DOST)



Ms. Carina L. Rebulanan  
Chief  
Institution Development Division  
Department of Science and Technology (DOST)  
Philippine Council for Health Research and Development (PCHRD)  
Tel: +632-837-7537 E-mail: [clrebulanan@pchrd.dost.gov.ph](mailto:clrebulanan@pchrd.dost.gov.ph) (cc: [ncparungao@pchrd.dost.gov.ph](mailto:ncparungao@pchrd.dost.gov.ph))

4) Russia: Russian Foundation for Basic Research (RFBR)



Mr. Yaroslav Sorokotyaga  
Division Director  
International Relations Department  
Russian Foundation for Basic Research  
Tel: +7 499 941 0196  
E-mail: ysorokot@rfbr.ru

5) Thailand: National Science and Technology Development Agency (NSTDA)



Assoc. Prof. Dr. Chanwit Tribuddharat  
Vice President  
International Collaboration  
National Science and Technology Development Agency  
Tel: +66 2117 6922  
E-mail: chanwit@nstda.or.th

6) Vietnam: Ministry of Science and Technology (MOST)



Ms. Bui Thi Thu Lan  
Head of Division  
General Affairs and Multilateral Cooperation Division  
Department of International Cooperation  
Ministry of Science and Technology (MOST)  
Tel: (+84 4) 3943 9192 Fax: (+84 4) 3943 9987  
Email: btlan@most.gov.vn

Applicants should contact the following for general inquiries:



Yoshihide Kobayashi (Mr.)  
e-ASIA JRP Secretariat / Japan Science and Technology Agency  
Room 218 Innovation Cluster1 Building  
National Science and Technology Development Agency (NSTDA)

111 Thailand Science Park, Phahonyothin Road  
Klong Nueng, Klong Luang, Pathum Thani 12120 THAILAND  
Tel.: +66-2-564-7713 H/P: +66-61-421-0316  
E-mail: [easia\\_secretariat@jst.go.jp](mailto:easia_secretariat@jst.go.jp)

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Information about each Party (alphabetical order by country)

<u>1) Japan: Japan Science and Technology Agency (JST)</u> .....	16
<u>2) Myanmar: Ministry of Education (MOE)</u> .....	22
<u>3) The Philippines: Department of Science and Technology (DOST)</u> .....	23
<u>4) Russia: Russian Foundation for Basic Research (RFBR)</u> .....	26
<u>5) Thailand: National Science and Technology Development Agency (NSTDA)</u> .....	28
<u>6) Vietnam: Ministry of Science and Technology (MOST)</u> .....	30

## **1) Japan: Japan Science and Technology Agency (JST)**

Please be advised that unless the applicant completes a research ethics program, his or her application will be deemed ineligible and rejected.

For project proposals which Japanese applicants intend to be funded by JST, it is recommended that at least half of the countries participating in a project fund (either additionally or newly) their own researchers in that proposal

### **I. Eligibility for Japan-based applicants**

- The Japan-based Principal Investigator must be personally affiliated with a domestic research institution and conduct research there. Domestic research institutions on the Japanese side refer to universities, independent administrative institutions, national/public testing and research institutions, specially authorized corporations, public-service corporations and enterprises, etc. that must satisfy predetermined requirements specified by the Ministry of Education, Culture, Sports, Science and Technology in Japan.
- Any individual who satisfies any of the following conditions is also eligible to apply as Japan-based Principal Investigator.
  - i) Researcher holding citizenship other than Japanese who belongs to a Japanese domestic research institution.
  - ii) Researcher who is not currently affiliated with a particular research institution, but who will be affiliated with a Japanese domestic research institution and able to conduct research there if selected as Japan-based Principal Investigator.
  - iii) Japanese researchers currently residing overseas who will be affiliated with a Japanese domestic research institution and able to conduct research there if selected as Japan-based Principal Investigator.
- Japan-based Principal Investigator must be able to take responsibility for the duties of the entire project for the full duration of the joint research project.
- Japan-based researchers from industry are eligible to participate in the joint research project in the Japan-based Team.

### **II. Support**

#### **II-1. Budget for Cooperative Research Projects**



The budget for a project may differ each year, depending on the content of activities, but the total budget for the Japanese researcher over a full 3-year period (i.e. 36 months) should be 27 million Japanese Yen as direct expenses. 30% of direct expenses will be provided as overhead expenses. According to the budgetary limitations for this program, the amounts will be adjusted each year.

## II-2. Details of Support

This program is designed to support additional expenses related to cooperation by a Japanese researcher with their counterparts, such as expenses for travel and/or conducting seminars/symposia. A precondition for applying to this Joint Call is that the main research infrastructure is already ensured by each research group. The duration of a co-operative research project shall be no longer than three (3) years (thirty-six (36) months) in total from the start date.

## II-3. Funded expenses

Funding provided within this call is intended to enhance the capacity of the applicants to collaborate. Funding will therefore be provided mainly in support of collaborative activities but may also cover some of the local research costs that are necessary for the collaboration.

### 1. Direct Expenses:

- i) Travel expenses: In principle, travel expenses should be based on the rules of the institution to which the Principal Investigator (hereinafter referred to as the PI) belongs.
- ii) Expenses for holding symposia, seminars and meetings
- iii) Expenses for facilities, equipment and consumables
- iv) Expenses for personnel: Stipend or salary for a PhD student, or salary for a post-doctoral fellow.
- v) Others: Expenses for creating software, renting or leasing equipment, transporting equipment, etc.

2. Overhead expenses shall be 30% of direct expenses.

3. Expenses not covered/funded by the program:

- i) Expenses relating to the acquisition of or rental of real estate or constructing buildings or other facilities.
- ii) Expenses related to the procurement of major equipment.
- iii) Expenses related to dealing with accidents or disasters occurring during the co-operative research periods.
- iv) Expenses unrelated to the implementation of this co-operative research project.

#### II-4. Contract between Applicant and JST

Support will be implemented according to a contract for commissioned research entered into between JST and a university, research institute, or similar organisation (hereinafter referred to as the “institution”). The contract for commissioned research will be renewed each year over the cooperative research period. Since the contract is agreed on condition that all administrative procedures related to this project will be handled within the institution, the PI should consult with the department in charge at his/her institution.

As for the contract between the Japanese institution and JST, it stipulates that Article 19 of the Industrial Technology Enhancement ACT (Japanese version of the Bayh-Dole Act) and Article 25 of the ACT on Protection of the Creation, Protection and Exploitation of Content (tentative translation) will be applied to all intellectual property rights belonging to the Japanese institution generated as a result of this project, and that these can be the properties of the institution with which the PI is affiliated.

#### II-5. Contract among Researchers

A contract for cooperative research MUST be entered into among institutions with which collaborating researchers are affiliated for implementing actual research collaboration. The contract for cooperative research shall include conclusions of discussions among Parties which are entitled to intellectual property arising as a result of research collaboration, and Institutions concerned, on issues regarding treatment of research information brought by researchers involved for the implementation of research collaboration, of research achievements as a result of research collaboration and of intellectual properties among the concerned parties. The agreement so concluded shall be reported to the Parties.

### **III. Application**

Please note that Japanese applicants are required to complete both e-mail submission to the e-ASIA Secretariat and “e-Rad” submission. Applications which do not include both a submission to the e-ASIA JRP Secretariat by e-mail and through e-Rad will be considered ineligible.

#### **III-1. Application Forms**

Only for Japanese applicants, Forms 1J and 2J should be prepared in Japanese (“J”) in addition to the common application form in English.

#### **I III-2 Submission of Application Forms by Lead PI**

Proposals must be submitted by e-mail to the e-ASIA JRP Secretariat.

Japanese applicants also must submit a project title, a summary of the project, and detailed budget information in Japanese with their application forms through the online application system, “e-Rad” (<http://www.e-rad.go.jp/index.html>) by 19:00 (Japan Standard Time) on **23 March 2017**.

### **IV. Evaluation of Project Proposals**

Independent Committees consisting of experts will evaluate all proposals. Based on the results of the evaluation, a common decision will be decided jointly among Parties regarding funding of the selected proposals.

#### **IV-1. Evaluation Criteria**

The following general evaluation criteria will apply to each application:

i) **Conformity with Program Aims and Designated Research Fields**

The proposed activity shall conform to the aims of the program and the research

fields that the program designates. In addition, the applicants shall already have a good research foundation for their proposed activity.

ii) Capability of Research Leaders

The research leaders in both countries shall have the insight or experience (or potential in the case of younger researchers) necessary for pursuing the activity and the ability to manage the cooperation and reach the project goals during this program's period of support.

iii) Effectiveness and Synergy of Co-operative Research Project

The proposed research activity shall be eminent, creative and at an internationally high level in an attempt to produce a significant impact on the development of future science and technology or to solve global and regional common issues or to create innovative technological seeds that can contribute to the creation of new industries in the future.

Moreover, proposed research activities that can be expected to create synergy through collaborative research with the counterpart institution will be preferred. Such synergy could be attained through, for example, the acquisition and/or application of knowledge, skill and/or know-how of the counterpart researcher.

iv) Validity of Research Plan

The sharing of research activities with the counterpart research institute and the planning of research expenses shall be adequate to realize the proposed research activity.

v) Effectiveness and Continuity of Exchange

Activities characterized by the following examples shall be involved to enhance sustainable research exchange and networking.

- Nurturing of researchers through human resource exchange.
- Sustainable development of research exchange with the counterpart country initiated by this activity.
- Enhancing the research network between both countries including researchers other than the research leader and members of this activity.
- Improving the presence of science and technology in Japan and the counterpart country.

vi) Validity of Exchange Plan

The planning of exchange activities and their expenses with the counterpart research institute shall be adequate to realize the proposed research activity.

## **V. Responsibilities of PIs After Proposals are Approved**

### **V-1. Progress Report to JST**

At the end of each fiscal year, the Japanese PI shall promptly submit an annual progress report on the status of research exchange, and the institution with which the PI is affiliated shall promptly submit a financial report on research expenses to JST.

### **V-2. Final Report to JST**

After completion of the period of joint research, the Japanese PI shall submit within one month a final report on the results of the joint research. The final report shall include a general summary (maximum five A4 pages) compiled jointly by all members of the Japanese research group. If papers describing results of the research exchange are presented to academic journals, societies etc., which is expected by the Parties, copies of such papers should be attached to the final report.

The institution with which the PI is affiliated shall submit a financial report on research expenses within the same time frame.

## **VI. Contact Information**



Dr. Takashi Kawabe, Ms. Izumi Tsune and Ms. Shoko Hirakawa  
Department of International Affairs  
Japan Science and Technology Agency (JST)  
Tel: +81(0)3-5214-7375      Fax: +81(0)3-5214-7379  
E-mail: [easiajrp@jst.go.jp](mailto:easiajrp@jst.go.jp)

## **2) Myanmar: Ministry of Education (MOE)**

Please consult the person in charge directly.

### **Contact Information**



Mr. Win Khaing Moe  
Acting Director General  
Myanmar Scientific and Technological Research Department  
Ministry of Education, Myanmar  
Tel: +95-1-663024 / +95-1-664930 / +95-9-5005941 Fax: +95-1-668033  
E-mail: winkmoe@gmail.com

Dr. Aye Mon Win  
E-mail: frd17309@gmail.com

Department in charge  
E-mail: aseanmost@gmail.com

### **3) The Philippines: Department of Science and Technology (DOST)**

#### **I. Review Procedures**

Approval of proposals for research grants will be based on a multi-level review process.

1. In-house screening in terms of alignment to the research priorities, duplication, and completeness of requirements.
2. Technical review by external consultants based on the following criteria:
  - Technical merit
  - Data management
  - Relevance/significance
  - Marketability potential (for product-based proposals)
  - Feasibility (practicality, cost, time)
  - Proponent's/ Institution's capacity
3. Final approval by the PCHR D Governing Council or the PCHR D Executive Director depending on the recommended total budgetary requirement of the proposal.
4. In each stage of the review process, the proponent may need to revise the proposal on the basis of the recommendations of the reviewers. The review process will take 75 working days provided that all the requirements had been submitted.

#### **II. Who may apply**

Filipinos with at least a Master's Degree in a relevant field, have proven research competence / track record, and employed in universities/colleges, research agencies/institutes, hospitals, and other health related agencies are eligible to apply for the research grant.

#### **III. How to apply**

The proponent should submit the following requirements online through the PCHRD Project Management System (<http://www.projects.pchrd.dost.gov.ph/>):

- Project Proposal following the PCHRD Detailed Proposal Form (downloadable from the DOST-PCHRD website)
- Work plan Schedule (Gantt Chart of Activities)
- Proposed Line-Item Budget (LIB) (DOST-GIA LIB Form)
- Counterpart Funding of Implementing Agency
- Biosafety Clearance, if applicable
- Institutional Animal Care and Use Clearance, if applicable
- Bureau of Animal Industry Clearance, if applicable
- Ethics Clearance (for studies involving human subjects)
- Informed Consent Form
- Case Report Form, if applicable
- Endorsement of Agency Head
- Curriculum Vitae of Proponent(s)
- Duties and Responsibilities of each Project Personnel
- letter of request addressed to:  
The Executive Director  
Philippine Council for Health Research and Development  
Department of Science and Technology  
3/F DOST Main Bldg. Gen. Santos Avenue  
Bicutan, Taguig City, Metro Manila

#### **IV. Funding Support Available**

DOST-PCHRD will allocate up to **350,000USD** for each research project for a duration of three years. DOST Grants in Aid guidelines shall be applied.

#### **V. Contact Information**



Ms. Carina L. Rebulanan



Chief

Institution Development Division

Department of Science and Technology (DOST)

Philippine Council for Health Research and Development (PCHRD)

Tel: +632-837-7537 E-mail: [clrebulanan@pchrd.dost.gov.ph](mailto:clrebulanan@pchrd.dost.gov.ph) (cc:  
ncparungao@pchrd.dost.gov.ph)

#### **4) Russia: Russian Foundation for Basic Research (RFBR)**

National call announcement is published on RFBR website at:

[http://www.rfbr.ru/rffi/ru/contest/n\\_812/o\\_1965382](http://www.rfbr.ru/rffi/ru/contest/n_812/o_1965382)

##### **I. Eligibility for Russian applicants**

Who can apply?

1. Any Russian researcher
2. Foreign researcher working in Russian research institution, holding Russian Federation residence permit and accredited in tax authority and superannuation fund.

Despite Russian researchers can present themselves in a project proposal submitted to e-Asia call secretariat as a multiple private investigators, they will be treated by RFBR as one team only. In case the project will be among selected for funding, RFBR grant award will be managed within one project through only one Russian legal entity. Therefore Russian researchers should agree beforehand through which legal institution they will manage grant award and appoint a person to be responsible for managing grant award and acting on behalf of team in negotiations with RFBR. The total number of Russian researchers in a project should not exceed 10 people.

##### **II. Support**

Within each selected international consortium, funding of the participating researchers is provided by their respective national funding organization in accordance with their standard award terms and conditions. RFBR provides funding only for the Russian researches. The funding within this call will cover a three year period 2018-2020.

The participants of research projects should aim towards equal collaboration, both in terms of workload and funds requested.

Please use link below for detailed eligible costs list:

<http://www.rfbr.ru/rffi/getimage/?objectId=1896479>

##### **III. Application**

Russian applicants should submit a national proposals to RFBR through KIAS system (<http://kias.rfbr.ru>) before 17.00 (Moscow time) 14 March 2017 and deliver a hard copy of proposal not later than 28 March 2017.

#### **IV. Evaluation of Project Proposals**

All proposals will be ad hoc evaluated by RFBR experts according to RFBR internal rules and procedures. After ad hoc evaluation an Independent Committees consisting of international experts will review all proposals. Based on the results of the evaluation, a common decision will be decided jointly among Parties regarding funding of the selected proposals.

#### **V. Contact Information**



RUSSIAN  
FOUNDATION  
FOR BASIC  
RESEARCH

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## **5) Thailand: National Science and Technology Development Agency (NSTDA)**

### **I. Eligibility for Thai applicants**

The applicants must be researchers and/or university professors/instructors who work in public research institute or university in Thailand, and are competent in conducting a research with international partners.

### **II. Support**

The total budget for the Thai researcher over a full 3-year period is up to 3,000,000 THB. The budget for a project may differ each year, depending on the content of activities.

### **III. Evaluation of Project Proposals**

Proposals will be peer-reviewed, and evaluated by a committee. The final selection will be done by the international selection committee of e-ASIA.

#### **III.I Evaluation Criteria**

To be funded, proposals must be internationally competitive. It should lead to the advancement of the research field, or novel applications or increase of research capacity.

Key evaluation criteria are:

- Significance and impact of the research
- Scientific Rationale: novelty, importance and timeliness of the research
- Design and feasibility of the project plan
- Partnership: including strength and clarity of collaborations and opportunities provided, quality of the project management structure proposed;
- Quality and suitability of the research environment and of the facilities;
- Ethical considerations and governance arrangements

**Contact Information**



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## **6) Vietnam: Ministry of Science and Technology (MOST)**

Please kindly visit the website to get further information in details relating to the internal procedures of Viet Nam as followings: <http://www.most.gov.vn/>

Or please consult the person in charge directly.

## **IV. Contact Information**



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## **General inquiries**



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