

**e-ASIA Joint Research Program (e-ASIA JRP)
Joint Research Project in the field of “Materials (Nanotechnology)”**

Within the framework of the e-ASIA Joint Research Program (e-ASIA JRP)*1, the following 1 collaborative project was selected in the field of “Materials (Nanotechnology)” with the approval of the e-ASIA Board. 6 organizations from 6 countries participated in this joint call for proposals*2. Participating call organizations are planning to also support few more projects as a part of this call, and the selection process is underway.

“Development of Nano-visualization for Structural Analyses of Genetic Materials and Early Infection Process for Further Innovation of Functional Bio-nanotechnology” to be conducted jointly by:

Japan: Kiichi Fukui, Guest Professor, Graduate School of Pharmaceutical Sciences, Osaka University

Thailand: Kornorn Srikulnath, Assistant Professor, Department of Genetics, Faculty of Science, Kasetsart University

Vietnam: Quoc Bao Nguyen, Lecturer, Research Institute for Biotechnology and Environment, Nong Lam University

This research aims to conduct feasibility study of social implementation of bioenergy in East Asia by region-wide collaboration among ASEAN countries and Japan. Hands-on training of young researchers is also included in this research.

A total of 18 proposals was submitted in response to the 6th joint call for proposals (call period: 23/01/2017-23/03/2017) in the field of “Materials (Nanotechnology)” on the topic of “Functional Bio-Nanotechnology for Innovative Materials System”. Based on the peer review results, the participating funding organizations jointly decided on the one successful project to select for support. Support to the projects will continue for three years.

***1 The e-ASIA Joint Research Program (e-ASIA JRP)**

Through the acceleration of science and technology research exchange and collaboration in the East Asian region, the e-ASIA Joint Research Program (e-ASIA JRP) aims to strengthen research and development capabilities towards resolution of shared challenges across the region, including those associated with materials, environmental protection, natural disaster mitigation and prevention of infectious diseases.

As part of that objective, the e-ASIA JRP is intended to support collaborative research implemented among 3 or more of its member countries. Through the implementation of joint research among participating countries in agreed fields of research, it is the goal of the e-ASIA JRP to contribute to economic and human resource development, as well as the resolution of various challenges in the region.

e-ASIA JRP's homepage: <http://www.the-easia.org/jrp/>

*2 The list of organizations participating in the 6th joint call for proposals in the field of "Materials (Nanotechnology)":

- Japan Science and Technology Agency (JST), Japan
URL: <http://www.jst.go.jp/EN/index.html>
- Ministry of Education (MOE), Myanmar
URL: <http://www.moe.gov.mm/>
- Department of Science and Technology (DOST), The Philippines
URL: <http://www.pchrd.dost.gov.ph/>
- Russian Foundation for Basic Research (RFBR), Russia
URL: <http://www.rfbr.ru/rffi/eng/>
- National Science and Technology Development Agency (NSTDA), Thailand
URL: <http://www.nstda.or.th/>
- Ministry of Science and Technology (MOST), Vietnam
URL: <https://www.most.gov.vn/en/Pages/home.aspx>

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