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Faculty of Siriraj Medicine, Mahidol University

## Pre-Registration Form

We encourage you to preregister with the form  
below and mail-in to KU-SEA Forum :

Title : Prof./Dr./Mr/Ms (delete as appropriate)

Name : \_\_\_\_\_

Institute/Organization/Company : \_\_\_\_\_

Post Address : \_\_\_\_\_

Email : \_\_\_\_\_

Tel : \_\_\_\_\_

Fax : \_\_\_\_\_

Date : \_\_\_\_\_

Signature : \_\_\_\_\_

## Contact

To register or get more details regarding the forum,  
please contact the forum secretariat :

**Ms. Nutcharee**, Thai-Nichi Institute of Technology

Address: 1771/1 Pattanakarn Road, Suanluang,  
Bangkok, 10250

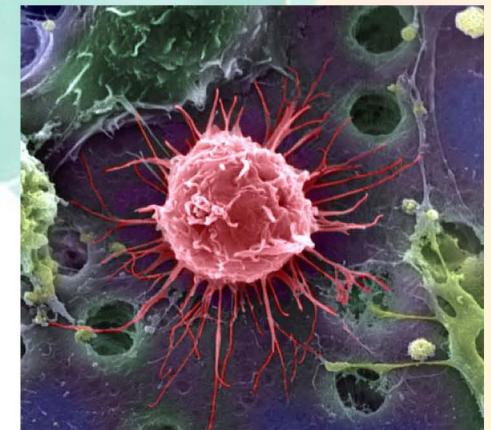
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13<sup>th</sup> Kyoto University Southeast Asia Forum 2013

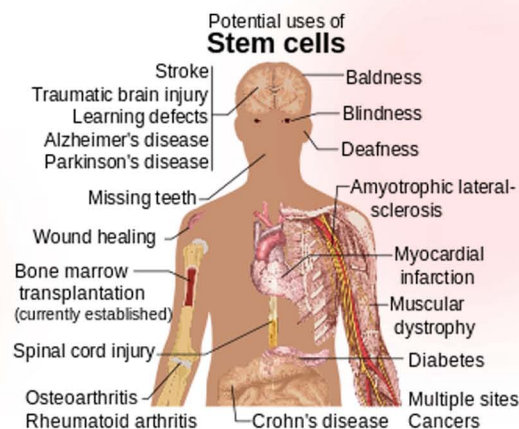


**Stem Cell :  
From Research to Applications**



Organized by  
Kyoto University and Kyoto Union Club (KUC)

Supported by  
Kyoto University  
Thai-Nichi Institute of Technology (TNI)



# 13th Kyoto University Southeast Asia Forum 2013

## Stem Cell : From Research to Applications

Stem cells are recognized as a highly promising treatment for a broad range of therapeutic applications in degenerative diseases/conditions, including numerous types of cancers, anemias/blood conditions, cardiovascular diseases, ocular diseases, neural degenerative diseases/injuries, deficiencies of the immune system, wounds/injuries and other metabolic disorders. Currently, stem cell research is focused not only on understanding the biology of embryonic, adult, and inducible pluripotent stem cells, but also the potential use for their novel avenues of diagnostics, therapeutics, and tissue regeneration.

In the forum we mention stem cell research in Japan and Thailand, particularly at Prof. Yamanaka's research center (Center for the iPS Cell Research and Application (CiRA) Kyoto University) which was awarded the Nobel Prize in Physiology or Medicine in 2012, that could translate the basics to clinical applications. We underline goals and challenges that provide perspectives for the future of stem cell research and therapy. In addition, Hematopoietic Stem Cell will be discussed.

## Format

- Lecture in English by Japanese speakers, and in Thai by Thai speakers, whilst all power-point slides are in English.
- There should be a panel discussion, if circumstances allow.

## Registration Fee : 500 Baht per person

- Fee includes lecture hand-outs, coffee/tea, and lunch
- Invited guests (KUC members, Kyoto University delegates, KU alumni, VIPs, benefactors of KU, KUC, etc.) will have their fee waived.
- Interested individuals among the general public could ask for fee exemption in writing at least 2 weeks prior to the Forum date.

## Kyoto University-Southeast Asia Forum

Kyoto University was founded over a hundred years ago since 1897. At present, Kyoto University has 3 campuses (Yoshida Campus-the main campus, Uji Campus and Katsura Campus) with 19 graduate schools, 10 faculties, 14 research institutes and 31 education and research centers and facilities. Among its alumni, the university counts eight Nobel Prize laureates in fundamental natural science and physiology or medicine fields. Inspired by the university's mission statement, "To sustain and develop its historical commitment to academic freedom and pursue a state of harmonious coexistence within the human and ecological community on this planet", Kyoto University continues emphasizing and encouraging fundamental and applied research as well as humanities and social sciences. Many distinguished researchers' groups are taking unconventional and thought-provoking, resulting in world-class achievements. Kyoto University is deeply involved in collaborative research and academic exchange with many universities and research institutes, particularly in Southeast Asian countries. To support these cooperation activities, liaison offices were set up in Bangkok, Thailand (1964) and Jakarta, Indonesia (1970). To date, Kyoto University has been one of the most active universities in doing research and education in Southeast Asian with Southeast Asian people.



**Date and Time: Saturday 16th February, 2013**

**08:30 am - 15:30 pm**

**Venue: Room "Kasatsuk 2", 4th Floor,  
The Twin Towers Hotel  
Rama IV Road, Rong Muang,  
Patumwan, Bangkok 10330**

## Program

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:30-9:00   | Registration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9:00-9:10   | Introduction for KUC and Activity Report (President of KUC)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9:10-9:30   | Opening Remarks and Introduction to Kyoto University (Representative from Kyoto University)                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9:30-10:45  | Talk 1: Activities Towards Nobel Prize for iPS Prof. Dr. Shinsuke Morisawa, Assistant Director of Center for the iPS Cell Research and Application (CiRA), Kyoto University                                                                                                                                                                                                                                                                                                                 |
| 10:45-11:00 | Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 11:00-12:00 | Talk 2: Trend of Stem Cell Therapy in Thailand & Hematopoietic Stem Cell Prof. Suthat Fucharoen (M.D., Ph.D.) Institute of Molecular Biosciences, Mahidol University                                                                                                                                                                                                                                                                                                                        |
| 12:00-13:00 | Lunch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 13:00-15:00 | Panel Discussion: Applications of Stem Cell in Regenerative Medicine                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Moderator:  | Dr. Piyanart Sommani<br>Research Center, Faculty of Medicine Ramathibodi Hospital, Mahidol University                                                                                                                                                                                                                                                                                                                                                                                       |
| Panelists:  | 1. Asst. Prof. Nipan Isarasena Na Ayudhya (M.D., Ph.D.)<br>Stem Cell and Cell Therapy Research Unit<br>Faculty of Medicine, Chulalongkorn University<br>"Stem Cell- Fake or Real?"<br>2. Dr. Suparerk Borwornpinyo (Ph.D.)<br>Department of Biotechnology, Faculty of Science Mahidol University<br>"Stem Cell and Gene Therapy"<br>3. Dr. Tatsanee Phermthai<br>Department of Obstetric and Gynecology<br>Faculty of Siriraj Medicine, Mahidol University<br>"Pregnancy Derived Stem Cell" |
| 15:00-15:30 | Q&A, Comments from the Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|             | Closing Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 15:30-      | Coffee Break and Get Together                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MC:         | Assoc. Prof. Dr. Anchaleeporn W. Lothongkum                                                                                                                                                                                                                                                                                                                                                                                                                                                 |