

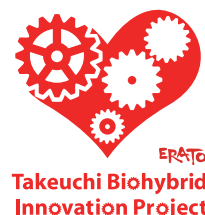
# Microfluidics for Tissue and Cell Applications



Date: **Nov. 5<sup>th</sup>, 2012**

Venue: **Convention Hall (Komaba Haricot)**  
**Institute of Industrial Science, The University of Tokyo**

| Program     |  |
|-------------|--|
| 09:00~09:05 | Opening Address (Prof. Teruo Fujii)  |
| 09:05~09:50 | <b>Talk 1</b> : Prof. Kevin Eggan (Harvard University)<br>"Stem Cell and Reprogramming Strategies for Studying Neuro-degenerative Diseases"  |
| 09:50~10:35 | <b>Talk 2</b> : Prof. Shuichi Takayama (University of Michigan)<br>"Microfluidic Tools to Model and Analyze the Body"  |
|             | Coffee Break (20 min)  |
| 10:55~11:40 | <b>Talk 3</b> : Dr. Yi-Chin Toh (A-Star)<br>"Mechanically-Patterned Mesoendoderm Differentiation in Human Embryonic Stem Cells is Sensitive to Disruption by Developmental Toxins" |
| 11:40~12:25 | <b>Talk 4</b> : Dr. Yu-suke Torisawa (Harvard University)<br>"Cell-Generated Niches for Biomimetic Microfluidic Devices"   |
|             | Group Photo & Lunch (95 min)   |
| 14:00~14:20 | <b>Project Overview 1</b> (Prof. Shoji Takeuchi, IIS)  |
| 14:20~14:40 | <b>Project Overview 2</b> (Prof. Teruo Fujii, IIS)   |
| 14:40~16:15 | <b>Poster Presentation of the Projects</b> + Coffee Break (95 min)   |
| 16:15~17:00 | <b>Talk 5</b> : Dr. Naoya Fujita (Japanese Foundation for Cancer Research)<br>"Targeting Tumor-Host Interaction for Developing Anti-Metastatic Therapies"                          |
| 17:00~17:45 | <b>Talk 6</b> : Prof. Thomas Laurell (Lund University)<br>"Continuous Processing and Separation of Rare Cells"   |
| 17:45~17:50 | Closing Remarks (Prof. Shoji Takeuchi, IIS)  |



**Sponsored by :** JST CREST, "Cell and Tissue Showcasing by Micro-Nano Integrated Devices" Project  
JST-VINNOVA/SSF SICP, "Microfluidic Cancer Diagnosis Platform" Project  
JST ERATO, TAKEUCHI "Biohybrid Innovation" Project