

## Programs of 2013 An Intensive Course in Basic Science Fundamentals & Multidisciplinary Seminars

### 【 1st day: Sep 3 (Tue) 】

- 14:00-15:20 Lecture  
Mice experiments in Research Center for Animal Life Science  
Hideaki Tuchiya, Shinichiro Nakamura  
(Research Center for Animal Life Science)
- 15:30-16:50 Lecture  
Basic knowledge for Scintillation counting method  
Nobutoshi Fukuhori, Yukiko Koyama (Central Research Laboratory)  
Collaborator: PerkinElmer Japan Co., Ltd
- 17:00-18:20 Lecture & Practice  
Safety operation for centrifuges  
Masafumi Suzaki, Ryohei Okamoto, Noboru Urushiyama, Yukiko Koyama  
(Central Research Laboratory)

### 【 2nd day: Sep 4 (Wed) 】

- 14:00-15:20 Lecture  
How to use a micropipette correctly  
Takahiro Isono (Central Research Laboratory)  
Collaborator: LMS
- 15:30-16:50 Lecture  
Visualize it  
- Overview of Immunohistochemistry and Histochemistry -  
BELLIER Jean-Pierre (Molecular Neuroscience Research Center)
- 17:00-18:20 Lecture  
Practical uses of MMC for medical research and information security system \*1  
Kenji Shigetoshi (MultiMedia Center)

### 【 3rd day: Sep 5 (Thu) 】 Real-time quantitative PCR

- 14:00-15:20 Lecture
- 15:30-16:50 Practice
- 17:00-18:20 Analysis  
Takahiro Isono, Masafumi Suzaki (Central Research Laboratory)  
Collaborator: Roche Diagnostics

### 【 4th day: Sep 6 (Fri) 】 How to use flow cytometer and cell sorter

- 14:00-15:20 Lecture
- 15:30-16:50 Practice I
- 17:00-18:20 Practice II  
Hirohito Ishigaki (Department of Pathology)  
Takefumi Yamamoto, Yasuhiro Mori (Central Research Laboratory)

Place: Staff Lobby, 2F Basic Medicine Education & Research Bldg  
\*1 MultiMedia Center