

**Programs of 2020 Intensive Course in
Basic Science Fundamentals & Multidisciplinary Seminars**

1st day: Sep 15 (Tue) 14:00~

- 1 Visualize it (Lecture (in English)) [1 class]
– Overview of Immunohistochemistry and Histochemistry –
BELLIER Jean-Pierre (Molecular Neuroscience Research Center)

- 2 Safety operation for centrifuges (Lecture (in English) • Practice) [2 classes]
Masafumi Suzuki, Noboru Urushiyama, Yukiko Koyama, Takuya Nakase
(Central Research Laboratory)
Collaborator: Beckman Coulter, Inc.

2nd day: Sep 16 (Wed) 14:00~

- 1 How to Use Laser Scanning Microscope SP8 (Lecture (in English)) [1 class]
Takefumi Yamamoto, Yasuhiro Mori (Central Research Laboratory)
Collaborator: Leica Microsystems, Inc.

- 2 How to Use Flow Cytometer and Cell Sorter (Lecture • Practice) [2 classes]
Takefumi Yamamoto, Yasuhiro Mori (Central Research Laboratory)
Collaborator: Nippon Becton, Dickinson and Company, Ltd.

3rd day: Sep 17 (Thu) 14:00~

- 1 Real-time quantitative PCR (Lecture • Practice) [2 classes]
Hisakazu Ogita, Masafumi Suzuki, Toshinaga Maeda, Takuya Nakase
(Central Research Laboratory)
Collaborator: Nippon Genetics Co, Ltd.

- 2 Radioisotope Experiments (Practice) [1 class]
– How to Use Beta IMAGER System & Liquid Scintillation Counter –
Toshinaga Maeda, Nobutoshi Fukuhori, Yukiko Koyama, Takuya Nakase
(Central Research Laboratory)
Collaborator: SOWA Trading Co., Inc., PerkinElmer Japan, Co., Ltd.

4th day: Sep 18 (Fri) 14:00~

- 1 Introduce how to use laboratory animals in Research Center for Animal Life Science (Lecture) [1 class]
Hideaki Tsuchiya (Research Center for Animal Life Science)

- 2 Practical Use of MMC and IT Security for Medical Research (Lecture) [1 class]
Kenji Shigetoshi (MultiMedia Center)