

## **Mandom Award Presentations**

21st, Dec(Sat) 14:00-15:00, TERRSA Hall  
Chairperson: Takashi Omori (Doshisha Univ.)  
Organizer : Hiroaki Todo (Josai Univ.)

### **M-1 Development of a cell-based model of the retina within a microfluidic device**

Hirokazu Kaji<sup>1</sup>, Toshinori Fujie<sup>2</sup>, Syuntaro Ito<sup>1</sup>, Nobuhiro Nagai<sup>3</sup>, Kuniaki Nagamine<sup>1</sup>, Matsuhiko Nishizawa<sup>1</sup>, Toshiaki Abe<sup>3</sup>

<sup>1</sup>Department of Bioengineering and Robotics, Graduate School of Engineering, Tohoku University

<sup>2</sup>WPI-Advanced Institute for Materials Research, Tohoku University

<sup>3</sup>United Center for Advanced Research and Translational Medicine,  
Tohoku University Graduate of Medicine

### **M-2 Establishment of *in vitro* circadian clock system for evaluation of the mechanism for malignant transformation of cells**

Satoru Koyanagi

Department of Pharmaceutics, Graduate School of Pharmaceutical Sciences, Kyushu University

### **M-3 Search for new candidate drugs for Progressive Familial Intrahepatic Cholestasis Type 2 (PFIC2)**

Hisamitsu Hayashi

Graduate School of Pharmaceutical Sciences, Univ. of Tokyo