

## **2013 DIJF Research Grant Winners**

### **Yasuko Fujisawa**

Institution: Hamamatsu University School of Medicine

Title: Study on the mechanism of child obesity – preventive effect of human milk in views of adipocyte differentiation by human milk lipids

### **Hiromi Yano**

Institution: Department of Health and Sports Science, Faculty of Health Science and Technology, Kawasaki University of Medical Welfare

Title: Can physical activity be controlled the regulation of intestinal flora via TLR5 induced the deterioration of the metabolic syndrome?

### **Ayako Kohyama**

Institution: Lab. For Molecular Membrane Neuroscience Brain Science Institute, RIKEN

Title: Identification of the molecular mechanism of BOSS signaling involved in nutrition sensing to keep the energy homeostasis

### **Atsushi Nakajima**

Institution: Yokohama City University Hospital, Gastroenterology division, Endoscopic Center

Title: Novel prevention approach for life style related diseases utilizing probiotics by reducing the systemic chronic inflammation caused by the gut derived bacterial endotoxin

### **Fumito Tani**

Institution: Kyoto University

Title: Immuno-regulatory functions of stress proteins derived from gut microflora and their application with dairy products in food science

### **Maki Kimura-Koyanagi**

Kobe University Graduate School of Medicine, Division of Diabetes, Metabolism and Endocrinology

Title: Regulation of pancreatic  $\beta$ -cell mass of low-birth-weight model mice by maternal caloric restriction