



**DANONE INSTITUTE**

*Nutrition for Health*

## **2007 DIJ Research Grant Winners**

### **Shino Nemoto, PhD**

Institution: Center for Disease Biology and Integrative Medicine, Faculty of Medicine,  
The University of Tokyo

Title: The study on the molecular mechanism of longevity-associated gene SIRT1 and  
the health benefits by the caloric restriction

### **Tetsuya Ono, PhD**

Institution: Tohoku University Graduate School of Medicine

Title: Studies on suppressive effect of anti-oxidant against age-associated accumulation  
of genomic deterioration

### **Osamu Nureki, PhD**

Institution: Graduate School of Bioscience and Biotechnology, Tokyo Institute of  
Technology

Title: Umami sensing mechanism at an atomic resolution and structure-based design of  
novel umami substances

### **Tomoko Imai, PhD**

Institution: Department of Epidemiology, National Institute for Longevity Sciences,  
Japan

Title: Construction of "nutritional intake diagnostic system using Japanese Food Guide  
Spinning Top"

### **Hiroshi Ohno, MD, PhD**

Institution: RCAI, RIKEN

Title: Construction of novel method for the estimation of host-bacterial cross-talk based  
on metabolic profiling

**Akiyoshi Nishio, MD, PhD**

Institution: Department of Gastroenterology and Endoscopic Medicine, Kyoto University Hospital

Title: Development of probiotics with anti-oxidant action for treatment of inflammatory bowel disease

**Akira Hosono, PhD**

Institution: College of Bioresource Sciences, Department of Food Science and Technology, Nihon University

Title: Analysis of immunomodulatory function of the intestinal commensal bacteria on the mucosal IgA production model mice

**Yoshichika Kawai, PhD**

Institution: Department of Food Science, Graduate School of Nutrition and Biosciences, The University of Tokushima

Title: Development of evaluating method for the beneficial effects of endogenous metabolites of food factors on endothelial functions in blood vessel

**Takashi Morihara, MD, PhD**

Institution: Department of Psychiatry and Behavioral Proteomics, Osaka University of Medical School

Title: Expression profile pathology of Alzheimer disease model mice is enhanced by low omega-3 polyunsaturated fatty acid diet: synapse is the intersection of the disease and diet