

February 23, 2012

Announcement of Nakatani Award and Research Subsidy Recipients

Nakatani Foundation of Electronic Measuring Technology Advancement (Tokyo ; hereafter, the "Foundation") today announced the one recipient of Nakatani Award and the eleven recipients of its research subsidies for fiscal 2011. Sysmex Corporation (HQ: Kobe; president: Hisashi Ietsugu) has been a financial supporter of the Foundation for many years.

The Foundation was established in April 1984, endowed principally by Sysmex and its founder and first president, the late Taro Nakatani, with the mandate of "promoting advances in electronic measuring technology as a foundation for industrial technology, in order to contribute to the development of Japanese society and its economy as well as the betterment of national life." Since it began, the Foundation has provided award and annual subsidies for research in the field of in vivo electronic measuring technology, awarding a total of 539 million yen to 289 research projects over the last 28 years.

1. Recipients and research themes

Please see "Recipients of FY2011."

2. Presentation ceremony

Time: February 24, 2012, 13:30

Place: Cherry Room, Hamamatsucho Tokyo Kaikan, 39F, WorldTradeCenter Bldg.

3. About the Foundation

Name: Nakatani Foundation of Electronic Measuring Technology Advancement

Location: 1-2-2 Ohsaki, Shinagawa-ku, Tokyo

URL: <http://www.nakatani-foundation.jp/outline.html>

Recipients of FY2011
Nakatani Foundation of Electronic Measuring Technology Advancement

For Nakatani Award

Recipient	Position and Affiliation	Research Theme	Amount (yen)
Akira Matsumoto	Institute of Biomaterials and Bioengineering, Tokyo Medical and Dental University Associate Professor	Development of Transistor-based Noninvasive Cytology and Demonstration of "Debye Length-free" Signal-transduction for Biomolecular Detections	3,000,000

For Senior Researchers

Recipient	Position and Affiliation	Research Theme	Amount (yen)
Takuji Koike	Department of Mechanical Engineering and Intelligent Systems Graduate School of Informatics and Engineering, The University of Electro-Communications Professor	Development of an apparatus for non-contact diagnosis of ossicular mobility	2,000,000
Shin Yabukami	Factory of Engineering, Tohoku Gakuin University Professor	Integrated magnetic field sensor for bio-magnetic measurement at room temperature	2,000,000
Hiroyuki Honda	Department of Biotechnology Graduate School of Engineering, Nagoya University Professor	Imaging system for one cell function analysis by using magnetic cell patterning	1,980,000
Hideyuki Hasegawa	Graduate School of Biomedical Engineering, Tohoku University Associate Professor	Development of High Frame Rate Echocardiography	2,000,000
Eiichi Tanaka	Gastroenterological Surgery II, Hokkaido University Graduate School of Medicine Assistant Professor	The development of the quantitative system for the evaluation of liver functional reserve after surgical resection with using near-infrared fluorescence imaging system	2,000,000
Tetsuyou Watanabe	School of Mechanical Engineering College of Science and Engineering Kanazawa University Associate Professor	Development of brain surgery manipulator with kinesthetic display function by grasping force visualization	2,000,000
Dai Kato	National Institute of Advanced Industrial Science & Technology, Biochemical Research Institute Researcher	Highly Sensitive LPS detection using a nanocarbon film electrode	2,000,000

For Junior Researchers

Recipient	Position and Affiliation	Research Theme	Amount (yen)
Tomoaki Nishino	Research Organization for the 21st Century, Osaka Prefecture University Special Lecturer	Novel Method to Detect Single DNA Molecule by Molecular Tips	1,000,000
Hirohiko Niioka	Institute for NanoScience Design, Osaka University Assistant Professor	Multicolor nanoimaging for proteins in biological cells with using cathodoluminescence microscopy	1,000,000
Ryo Sudo	Department of System Design Engineering, Keio University Assistant Professor	Reconstruction of microvascular networks by controlling culture microenvironments, and their functional assay by vascular permeability	1,000,000
Toshitsugu Fujita	Research Institute for Microbial Diseases, Osaka University Assistant Professor	Development of a method for identification of molecules bound to a target genomic region of interest <i>in vivo</i>	1,000,000