MESSAGE FROM THE EDITOR-IN-CHIEF

Announcement of the 2017 JCS Meeting Activities (2)

Toyoaki Murohara, MD, PhD

Dear Colleagues,

As the Editor-in-Chief of the Circulation Journal, the official journal of the Japanese Circulation Society (JCS), I am pleased to further report the JCS 2017 Meeting Activities.

**JCS 2017 Activities**

The JCS 2017 Annual Meeting has been held during March 17–19 in Kanazawa, Japan. The following winners of the Young Investigator’s Award (YIA), the YIA for International Students and the Co-medical Award have been selected and were awarded during the Meeting. These awards should promote their careers.

1. **Young Investigator’s Award (34th)**
   
   **Clinical Research**
   
   **[First Place]**
   
   Hayato Tada, MD, PhD
   
   *(Department of Cardiovascular and Internal Medicine, Kanazawa University Graduate School of Medicine)*
   
   “Impact of Clinical Signs and Genetic Diagnosis of Familial Hypercholesterolemia on the Prevalence of Coronary Artery Disease in Patients With Severe Hypercholesterolemia”
   
   **[Second Place]** (in alphabetical order)
   
   Tatsuma Fukuda, MD, PhD
   
   *(Department of Emergency and Critical Care Medicine, The University of Tokyo Hospital)*
   
   “Conventional Versus Compression-Only Versus No Bystander Cardiopulmonary Resuscitation for Pediatric Out-of-Hospital Cardiac Arrest”
   
   Kenya Kusunose, MD, PhD
   
   *(Cardiovascular Medicine, Tokushima University Hospital)*
   
   “Right Ventricular Myocardial Strain During Preload Augmentation Is Associated With Exercise Capacity in Patients With Chronic Heart Failure”
   
   Yuji Odaka, Graduate Student
   
   *(Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine)*
   
   “Plasma Concentration of Serotonin Is a Novel Biomarker for Coronary Microvascular Dysfunction in Patients With Suspected Angina and Unobstructive Coronary Arteries”
   
   **Basic Research**
   
   **[First Place]**
   
   Kohei Yamamizu, PhD
   
   *(Laboratory of Stem Cell Differentiation, Department of Cell and Differentiation, Center for iPSC Cell Research and Application (CiRA), Kyoto University)*
   
   “In Vitro Modeling of Blood-Brain Barrier With Human iPSC Cell-Derived Endothelial Cells, Pericytes, Neurons, and Astrocytes via Notch Signaling”

Released online May 16, 2017

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**Second Place** (in alphabetical order)
Nobuhiro Kikuchi, MD
Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine
“Selenoprotein P Promotes Pulmonary Arterial Smooth Muscle Cell Proliferation and Pulmonary Arterial Hypertension”

Dai Kusumoto, Bachelor of Medicine
Department of Cardiology / Department of Emergency and Critical Care Medicine, Keio University School of Medicine
“Primate Specific Gene, POTEE Has a Protective Role Against Vascular Injury in Endothelial Cells”

Zhe Tian, MD, PhD
Department of Molecular Genetics, Graduate School of Medical Sciences, Kumamoto University
“ANGPTL2 Activity in Cardiac Pathologies Accelerates Heart Failure by Perturbing Cardiac Function and Energy Metabolism”

**2. Young Investigator’s Award for International Students (15th)**

**First Place**
Agian Jeffilano Barinda, MD (Indonesia)
Cardiovascular Medicine Division, Department of Internal Medicine, Kobe University
“Vascular Senescence-Messaging Secretome Induces Premature Senescence in Adipocytes and Impairs Systemic Metabolic Homeostasis”

**Second Place** (in alphabetical order)
Mark Johannes Lachmann, MD (Germany)
Department of Cardiology, Keio University School of Medicine
“Inflammatory Response Enhancement in Hypoxic Endothelial Cells From Pulmonary Arterial Hypertension-iPS Cells”

Zipeng Li, MD (China)
Department of Cardiovascular Surgery, Kyoto University Graduate School of Medicine
“Sequential Treatment With Sustained-Release of Basic FGF Followed by Transplantation of Human Induced Pluripotent Stem Cell-Derived Cardiac Tissue Improved Left Ventricular Function in a Rat Chronic Myocardial Infarction Model”

Mohammad Abdul Hai Siddique, MSc (Bangladesh)
Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine
“Identification of Emetine as a Novel Therapeutic Agent for Pulmonary Hypertension in Rats: High-Throughput Screening of 5,562 Compounds”

Umbarawan Yogi, MD (Indonesia)
Department of Medicine and Biological Science (Cardiovascular Medicine), Gunma University
“A Shift of Energy Substrates From Fatty Acid to Glucose Exacerbates Cardiac Dysfunction During Pressure Overload: A Lesson Learned From Fatty Acid Binding Protein-4 and -5 Knockout Mice”

**3. Co-medical Award (7th)**

**First Place**
Naoya Kurata, CE
Department of Clinical Engineer, Kansai Rousai Hospital
“Impact of Stent-to-Vessel Ratio on the Outcomes After Stent Implantation for the Femoropopliteal Lesions”

**Second Place** (in alphabetical order)
Hideaki Yasuda, BSPH
Department of Vascular Laboratory, Ogaki Municipal Hospital
“Estimation of Renal Congestion Using Doppler Ultrasonography”

Nao Yasuda, BS
Department of Clinical Engineering, Nagoya Ekisaikai Hospital
“The Impact of the Discordance Between iFR and FFR Value for Predicting Ischemic Events”
[Third Place] (in alphabetical order)
Yutaka Enomoto
Risa Katanoda, Ns
(Department of Nursing, Cardiac Catheter Room, Kokura Memorial Hospital)
“Current Status of Verbal Instruction Given by Cardiac Catheter Nurse: Using Video Analysis Method”

Eri Koen
(Yamino Heart Clinic)
“Chronic Constipation Is Significantly Associated With Chronic Heart Failure”

**Nursing, Medicine and Rehabilitation Session**

[First Place]
Kotaro Iwatsu, PhD
(Department of Rehabilitation, Hirakata Kohsai Hospital)
“Prognostic Significance of the Short Physical Performance Battery in Patients With Heart Failure”

[Second Place] (in alphabetical order)
Masami Inokuma
(Gunma Prefectural Cardiovascular Center)
“The Characteristics of Physical Function and the Effects of Rehabilitation in Hospitalized Patients With Heart Failure: Influence of Age”

Michitaka Kato, PhD
(Department of Shizuoka Physical Therapy, Faculty of Health Science, Tokoha University)
“The Influence of Postoperative Atrial Fibrillation on Postoperative Physical Functional Recovery in Patients Undergoing Heart Valve Surgery”

[Third Place] (in alphabetical order)
Shogo Fukui, MS
(Department of Rehabilitation, Keio University Hospital)
“Factors Related to Prognosis Among Elderly Persons With Severe Aortic Stenosis”

Kiyonori Kobayashi, MSc
(Department of Rehabilitation, Nagoya University Hospital)
“Reduced Arm Circumference Waiting for LVAD Surgery May Imply the Status of Skeletal Muscle Proteolysis in Advanced Heart Failure”

Shinji Toki, MS
(Department of Pharmacy, St. Marianna University School of Medicine Hospital)
“Effects of Exhaustive Screening for the Hospitalized Heart Failure Patients by Multidisciplinary Team Round”