

## Opening Ceremony

3月29日(金) 12:40-13:40  
国立大ホール 2階

## Mashimo Memorial Lecture 真下記念講演

3月29日(金) 14:40-15:25  
国立大ホール 2階

座長:

矢崎 義雄 (日本心臓財団 理事長)

### TGF-beta Family Signaling in Cardiovascular Diseases

宮園 浩平 (東京大学 分子病理学)

## Congress Chairperson's Lecture 会長講演

3月29日(金) 15:30-16:15  
国立大ホール 2階

座長:

矢崎 義雄 (日本心臓財団 理事長)

### Task and Future Outlook of Cardiology - History of 30 Years as a Physician Scientist

小室 一成 (東京大学 循環器内科学)

## 日本心臓財団設立 50 年記念シンポジウム

3月29日(金) 13:40-14:40  
国立大ホール 2階

座長:

矢崎 義雄 (日本心臓財団 理事長)

### 1. Progress of Heart Disease Management in the Past 50 Years

山口 徹 (日本心臓財団 常任理事)

### 2. Future Perspectives of Clinical Cardiology in Japan

林田 健太郎 (慶應義塾大学 循環器内科)

### 3. The RENAISSANCE of Basic CardioVascular Research

赤澤 宏 (東京大学 循環器内科学)

## The State of Art by International Honorary Member in 2019 (1)

### Memorial Lecture in Honor of the Dr. Sam-Soo Kim

#### 国際名誉会員講演 (1)

#### Sam-Soo Kim 先生 メモリアル講演

March 29 (Fri) 16:30-17:00  
2F, National Hall

Chairperson:

Katsuo Kanmatsuse (Tokyo Heart Center, Tokyo)

### 1. Echocardiography for Pericardial Diseases: In Memory of Professor Sam-Soo Kim

Jae Oh (Mayo Clinic, USA)

### 2. Waon Therapy to Improve Cardiovascular Failure

Chuwa Tei (Waon Therapy Research Institute, Tokyo)

## The State of Art by International Honorary Member in 2019 (2)

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### 国際名誉会員講演 (2)

March 29 (Fri) 17 : 00—17 : 30

2F, National Hall

Chairperson :

Shigetake Sasayama (Uji Hospital, Kyoto)

### The Role of Echocardiography in the Assessment of LV Function: Beyond Ejection Fraction

Fausto J. Pinto (University of Lisbon, Portugal)

## The State of Art by International Honorary Member in 2019 (3)

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### 国際名誉会員講演 (3)

March 29 (Fri) 17 : 30—18 : 00

2F, National Hall

Chairperson :

Masakazu Yamagishi (Osaka University of Human Sciences, Suita)

### Genetic Determinants of Dilated Cardiomyopathy

Christine E. Seidman (Harvard Medical School and Brigham and Women's Hospital, USA)

## Special Lecture 3 特別講演 3

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March 29 (Fri) 13 : 50—14 : 35

502, 5F, Conference Center

Chairperson :

Hiroshi Kasanuki (Waseda University, Tokyo)

### Sudden Death: Molecules to Patients

Gordon F. Tomaselli (Albert Einstein College of Medicine, USA)

## Special Lecture 4 特別講演 4

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March 29 (Fri) 14 : 35—15 : 20

502, 5F, Conference Center

Chairperson :

Chuwa Tei (Waon Therapy Research Institute, Tokyo)

### The Expanding Regulatory Influence of Protein Kinase G

David A. Kass (Johns Hopkins University School of Medicine, USA)

## Special Lecture 5 特別講演 5

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March 29 (Fri) 16 : 30—17 : 15

502, 5F, Conference Center

Chairperson :

Yoshiki Sawa (Division of Cardiovascular Surgery, Department of Surgery, Osaka University Graduate School of Medicine, Suita)

### Use of iPSC Cells in Cardiac Repair: Challenges & Opportunities

Joshua Hare (University of Miami Miller School of Medicine, USA)

## Special Lecture 6 特別講演 6

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March 29 (Fri) 17 : 15—18 : 00

502, 5F, Conference Center

Chairperson :

Yasushi Sakata (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

### Myocardial Recovery and the Failing Heart

Douglas L. Mann (Cardiovascular Division, Washington University School of Medicine, USA)

March  
29  
PM

## Invited Lecture 1 招聘講演 1

March 29 (Fri) 13:50–14:20  
301, 3F, Conference Center

Chairperson:

Minoru Ono (Department of Cardiac Surgery, Graduate School of Medicine, The University of Tokyo, Tokyo)

### Cardiac Implantable Electronic Devices - How to Deal with Growing Problems!

Christian Butter (Heart Center Brandenburg, Germany)

## Invited Lecture 2 招聘講演 2

March 29 (Fri) 14:20–14:50  
301, 3F, Conference Center

Chairperson:

Hirofumi Takemura (Department of Thoracic, Cardiovascular and General Surgery, Kanazawa University, Kanazawa)

### Cardio-Oncology: How Targeted Cancer Therapies and Precision Medicine can Inform Cardiovascular Discovery

Javid Moslehi (Vanderbilt School of Medicine, USA)

## Invited Lecture 3 招聘講演 3

March 29 (Fri) 14:50–15:20  
301, 3F, Conference Center

Chairperson:

Masahiro Jinzaki (Department of Radiology, Keio University School of Medicine, Tokyo)

### The Role of Cardiac Computed Tomography in the Patient with Coronary Artery Disease: (CAD): Ultra-High Resolution CT, Dynamic CT Perfusion and CTFRR in the Low, Intermediate and High Risk Patient with Suspected CAD

Joao A. C. Lima (Johns Hopkins University, USA)

## Invited Lecture 4 招聘講演 4

March 29 (Fri) 16:30–17:00  
301, 3F, Conference Center

Chairperson:

Takashi Akasaka (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)

### Heart Failure and Diabetes: The Dangerous Liaisons

Michel Komajda (Department of Cardiology, Saint Joseph Hospital, France)

## Plenary Session 4 (A)

March 29 (Fri) 16:30–18:00  
Main Hall, 1F, Conference Center

### New Technologies in Arrhythmia Treatment

Chairpersons:

Shih-Ann Chen (Taipei Veterans General Hospital, Taiwan)

Kenzo Hirao (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo)

State-of-the-Art:

#### 1. Arrhythmogenic Right Ventricular Cardiomyopathy: Bench to the Catheter Ablation

Shih-Ann Chen (Taipei Veterans General Hospital, Taiwan)

#### 2. A Novel Automated Algorithm for Mapping of Focal and Rotational Activation during Atrial Fibrillation

Yoshihide Takahashi (Department of Advanced Arrhythmia Research, Tokyo Medical and Dental University, Tokyo)

#### 3. Feasibility of Imaging Fibrotic Substrates in the Left Atrium Using LGE-MRI Technology

Kunihiko Kiuchi (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

#### 4. A Grid Mapping Catheter for Ventricular Tachycardia Ablation

Kenji Okubo (Ospedale San Raffaele, Milano, Italy)

#### 5. Development of a Shock Wave Catheter Ablation System for Ventricular Tachyarrhythmias -Validation Study in Pigs in Vivo-

Susumu Morosawa (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

- 6. Stereotactic Radiotherapy for Atrial Fibrillation First in Asia**  
Masaaki Shoji (Department of Cardiology, National Cancer Center Japan, Tokyo)
- 7. MRI-guided Catheter Ablation for Ventricular Tachycardia**  
Susumu Tao (Division of Cardiology, Johns Hopkins University, USA)

## Plenary Session 5 (BR)

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March 29 (Fri) 13 : 50 – 15 : 20  
501, 5F, Conference Center

### Current Status of the Regenerative Medicine in Cardiovascular Field

Chairpersons :

James F. Martin (Baylor College of Medicine, Texas Heart Institute, USA)  
Keiichi Fukuda (Department of Cardiology, Keio University School of Medicine, Tokyo)

State-of-the-Art :

- 1. Hippo-signaling in Heart Regeneration**  
James F. Martin (Baylor College of Medicine and Texas Heart Institute, USA)
- 2. Direct Reprogramming Approach for Cardiovascular Regeneration and Differentiation**  
Masaki Ieda (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)
- 3. The Development of Tissue-engineered Bioresorbable Arterial Graft for Clinical Application and the Mechanism of Neovessel Formation**  
Hideki Miyachi (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)
- 4. Translational Research of Myocardial Regeneration Therapy for Heart Failure**  
Shigeru Miyagawa (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)

## シンポジウム 5 (HF/CM)

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3月29日(金) 13 : 50 – 15 : 20  
会議センター 1階「メインホール」

高齢者に対する最適な心不全治療—レジストリから見えてくる課題とは？

座長 :

筒井 裕之 (九州大学 循環器内科学)  
矢野 雅文 (山口大学)

- 1. Guideline-based Medical Therapy and Its Prognostic Impact in Elderly Patients Admitted with Acute Heart Failure with Reduced Ejection Fraction**  
秋田 敬太郎 (浜松医科大学 内科学第三講座)
- 2. Characteristics of Elderly HFpEF Patients -Implications from PURSUIT-HFpEF study**  
彦惣 俊吾 (大阪大学 循環器内科学)
- 3. The Present Condition and Issues about the Cardiac Rehabilitation for Outpatients with Chronic Heart Failure in Hiroshima Prefecture**  
日高 貴之 (広島大学 循環器内科)
- 4. Social Determinants are Crucial Factors in the Long-term Prognosis of Acute Heart Failure in Male Gender over 75-Years of Age**  
白壁 章宏 (日本医科大学千葉北総病院 集中治療室)
- 5. Impact of Population Density as a Measure of Social Frailty on Mortality in Heart Failure: An Analysis of JROAD-DPC**  
小西 正紹 (横浜市立大学 市民総合医療センター 心臓血管センター)
- 6. Development of Clinical Research Based on Nationwide Database of Heart Failure in Japan**  
井手 友美 (九州大学 循環器内科学)

## Symposium 6 (HF/CM)

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March 29 (Fri) 13 : 50 – 15 : 20  
303, 3F, Conference Center

### Pathogenesis of Pulmonary Arterial Hypertension

Chairpersons :

Marc Humbert (University of South Paris, Le Kremlin – Bicetre, France)  
Keiko Takihara (Health and Counseling Center, Osaka University, Suita)

Keynote Lecture :

- 1. Pathogenesis of Pulmonary Arterial Hypertension**  
Marc Humbert (University of South Paris, Le Kremlin-Bicetre, France)

2. **Inhibition of Toll-Like Receptor 9-Mediated Sterile Inflammation Ameliorates the Development of Pulmonary Hypertension and RV Dysfunction**  
Kohtaro Abe (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka)
3. **Identifications of Novel Molecular Mechanisms and Therapeutic Targets of Pulmonary Arterial Hypertension**  
Nobuhiro Kikuchi (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
4. **Critical Roles of Interleukin-6/Interleukin-21-Signaling Axis in the Pathogenesis of Pulmonary Arterial Hypertension**  
Tadakatsu Inagaki (Department of Vascular Physiology, National Cerebral and Cardiovascular Center Research Institute, Suita)
5. **PAH with Vasoreactivity: Distinct Phenotype or Different Stage?**  
Takeshi Ogo (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

## Symposium 7 (HF/CM)

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March 29 (Fri) 13 : 50 – 15 : 20  
503, 5F, Conference Center

### Inflammation and Immunology in Human Heart Disease

Chairpersons :

Joshua Hare (University of Miami Miller School of Medicine, USA)  
Yasushi Sakata (Division of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

Keynote Lecture :

1. **Molecular Diagnostic Approaches to Treating Inflammatory Diseases of the Myocardium**  
Joshua Hare (University of Miami Miller School of Medicine, USA)
2. **Pathophysiology and Pathological Diagnosis of Myocarditis**  
Kyoko Imanaka-Yoshida (Department of Pathology and Matrix Biology, Mie University Graduate School of Medicine, Tsu)
3. **Multicenter Registry to Investigate Inflammatory Cell Infiltration in Dilated Cardiomyopathy in Tissues of Endomyocardial Biopsy: INDICATE Study**  
Keiko Ohta-Ogo (Department of Pathology, National Cerebral and Cardiovascular Center, Suita)
4. **Sterile Inflammation Induced by DNA in the Development of Heart Failure**  
Manabu Taneike (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

## Symposium 8 (IMG)

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March 29 (Fri) 16 : 30 – 18 : 00  
503, 5F, Conference Center

### Recent Advance in Cardiac Imaging for Assessment of Myocardial Disorder

Chairpersons :

Joao A. C. Lima (Johns Hopkins University, USA)  
Tohru Masuyama (Cardiovascular Medicine, Hyogo College of Medicine, Nishinomiya)

Keynote Lecture :

1. **Phenotyping Heart Failure with Magnetic Resonance Imaging**  
Joao A. C. Lima (Johns Hopkins University, USA)
2. **Myocardial Technetium-99m Sestamibi Examination can Predict Potential Myocardial Reversibility**  
Tomohito Ohtani (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)
3. **Native T1 in Cardiac Magnetic Resonance Imaging are Novel Predictor for Left Ventricular Reverse Remodeling in Patients with Dilated Cardiomyopathy**  
Muneyuki Kadota (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
4. **New Generation Computed Tomography is Useful for Assessment of Left Ventricular Myocardial Abnormalities in Various Myocardial Diseases**  
Hiroyuki Takaoka (Department of Cardiology, Chiba University Hospital, Chiba)
5. **Usefulness of Regional Wall Thickening Pattern for Differential Diagnosis of Cardiac Diseases with LV Hypertrophy -A Novel Deep-learning-based CMR System-**  
Saori Yamamoto (Department of Cardiovascular Medicine, Tohoku University Hospital, Sendai)

## Symposium 9 (IMG)

March 29 (Fri) 13 : 50 – 15 : 20  
F201+F202, 2F, Annex Hall

### Decision Making for Treatment Strategies and Prediction of Prognosis by the Assessment of Myocardial Ischemia Using Coronary Imaging

Chairpersons :

Gudrun Feuchtner (Innsbruck Medical University, Austria)  
Takashi Akasaka (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)

Keynote Lecture :

- 1. Prediction of Ischemia and Events by Novel CT Imaging Markers: Time for Paradigm Change?**  
Gudrun Feuchtner (Innsbruck Medical University, Austria)
- 2. Impact of Plaque Morphology and Hemodynamic Factors on Clinical Instability of Coronary Lesions Using Coronary CTA and Computational Fluid Dynamics**  
Makito Sato (CVIC Medical Corporation, Tokyo)
- 3. Comparison of Angiography-Based and CT-Based Physiological Indices with Fractional Flow Reserve**  
Hiroki Emori (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)
- 4. Diagnosis and Treatment of Impaired Vasodilator Capacity of Coronary Microvessels in Patients with Vasospastic Angina -Myocardial CT Perfusion Imaging Study-**  
Jun Sugisawa (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
- 5. Quantitative Evaluation of Myocardial Ischemia Using <sup>13</sup>N-ammonia Positron Emission Tomography and Dynamic <sup>99m</sup>Tc Single-photon Emission Computed Tomography**  
Yukichi Tokita (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)

## Special Session 5 会長特別企画 5 (SHD)

March 29 (Fri) 16 : 30 – 18 : 00  
302, 3F, Conference Center

### How to Start Left Atrial Appendage Closure

Chairpersons :

Martin W. Bergmann (Cardiologicum Hamburg, Germany)  
Kazutaka Aonuma (Cardiovascular Division, University of Tsukuba, Faculty of Medicine, Tsukuba)

Keynote Lecture :

- 1. The Credibility Revolution in NVAF Stroke Prevention**  
Martin W. Bergmann (Cardiologicum Hamburg, Germany)
- 2. Anatomy and Assessment of the Left Atrial Appendage for Percutaneous LAA Closure**  
Maiko Hozawa (Division of Cardiology, Department of Internal Medicine, Iwate Medical University, Morioka)
- 3. Left Atrial Appendage Closure for Japanese Patients: How should we Spread it?**  
Hidehiko Hara (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)
- 4. Atrial Fibrillation Patients Suitable for Left Atrial Appendage Occlusion in Japan: Insights from the Fushimi AF Registry**  
Mitsuru Abe (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)

## Special Session 6 会長特別企画 6

3月29日(金) 16 : 30 – 18 : 00  
会議センター 3階 [303]

医療機器のこれからのイノベーション

座長 :

山本 晴子 (国立循環器病研究センター 臨床試験推進センター)  
赤堀 眞 (東京大学 臨床研究支援センター)

- 1. The Regulation for Medical Devices with Innovative Technologies**  
中井 清人 (厚生労働省 医薬生活衛生局 医療機器審査管理課)
- 2. Importance of Innovation Platform for Medical Device Development**  
徳増 有治 (大阪大学)
- 3. Open Innovation in Medical Device Development**  
湯元 昇 (国立循環器病研究センター OIC準備室)
- 4. Entrepreneurship Education for Medical Products**  
池野 文昭 (Stanford University, USA)

## Special Session 7 会長特別企画 7 (BR)

March 29 (Fri) 16:30–18:00  
F201+F202, 2F, Annex Hall

### The Frontiers of Genomic Science and Medicine

Chairpersons :

Heribert Schunkert (Deutsches Herzzentrum Muenchen German Heart Centre Munich, Germany)  
Hiroyuki Morita (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)

Keynote Lecture :

#### 1. The Frontiers of Genomic Science and Medicine

Heribert Schunkert (Deutsches Herzzentrum Muenchen German Heart Centre Munich, Germany)

#### 2. Whole Genome Sequencing-enhanced GWAS Revealed Clinically Important Rare Variants in Coronary Artery Disease

Kaoru Ito (Laboratory for Cardiovascular Diseases, RIKEN Integrative Medical Sciences, Yokohama)

#### 3. Clinical Use of Genetic Analysis for the Inherited Primary Arrhythmia Syndromes

Seiko Ohno (Department of Bioscience and Genetics, National Cerebral and Cardiovascular Center, Suita)

#### 4. Systems Cardiology for Multi-omics Dissection of Cardiomyopathy

Seitaro Nomura (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)

## AHA-JCS Joint Symposium

March 29 (Fri) 16:30–18:00  
501, 5F, Conference Center

### Emerging Advance for Heart Disease in Woman

Chairpersons :

Ivor Benjamin (American Heart Association, USA)  
Keiko Takihara (Health and Counseling Center, Osaka University, Suita)

#### 1. Sex-differential Associations of Klotho-related Molecules with Smoking-related Health Risks

Makoto Nishida (Health Care Division, Health and Counseling Center, Osaka University, Toyonaka)

#### 2. Gender Differences of Diagnostic and Prognostic Role for Coronary Artery Calcification in Patients with Suspected Coronary Artery Disease: Current Evidence and Insights from the NADESICO Study

Yoko M. Nakao (National Cerebral and Cardiovascular Center, Suita)

#### 3. Prevention and Management of Heart Failure in Women

JoAnn Lindenfeld (Vanderbilt University Medical Center, USA)

#### 4. Prevention and Management of Ischemic Heart Disease in Women

Laxmi Mehta (The Ohio State University, USA)

## Topic 5 (BR)

March 29 (Fri) 17:00–18:00  
301, 3F, Conference Center

### The Role of Transcriptional Factors in Cardiac Development

Chairpersons :

Mona Nemer (Government of Canada, Canada)  
Ichiro Shiojima (Department of Medicine II, Kansai Medical University, Hirakata)

Keynote Lecture :

#### 1. GATA Transcription Factors and Endocardial Development

Mona Nemer (Government of Canada, Canada)

#### 2. Transcriptional Cascades Regulating the Development of the Heart

Hiroyuki Yamagishi (Department of Pediatrics, Keio University School of Medicine, Tokyo)

#### 3. Transcriptional Regulation in Heart Development for Understanding CHDs

Jun K. Takeuchi (Tokyo Medical and Dental University, Tokyo)

## トピック 6 (CAD)

3月29日(金) 15:25-16:25  
アネックスホール 2階 [F203+F204]

左主幹部・多枝病変の血行再建を再考する

座長:

中村 正人 (東邦大学医療センター大橋病院 循環器内科)  
夜久 均 (京都府立医科大学 心臓血管外科学)

- 1. Indication of Percutaneous Coronary Intervention for Left Main Trunk Disease and Multivessel Disease According to New Guidelines on Myocardial Revascularization**  
門田 一繁 (倉敷中央病院 循環器内科)
- 2. Indication for CABG from the Cardiac Surgeon's Perspective**  
大野 貴之 (三井記念病院 心臓血管外科)

## トピック 7 (HF/CM)

3月29日(金) 15:25-16:25  
アネックスホール 2階 [F205+F206]

HFmrEFをどう考え、どう治療するか?

座長:

百村 伸一 (自治医科大学さいたま医療センター 循環器内科)  
田邊 一明 (島根大学 内科学第四)

- 1. How can We Characterize Pathophysiology of Heart Failure with Mid-range Ejection Fraction?**  
大門 雅夫 (東京大学 検査部・循環器内科)
- 2. HFmrEF, What is This? How it should be Treated?**  
大手 信之 (名古屋市立大学 心臓・腎高血圧内科学)
- 3. Treatment of Heart Failure with Mid-Range Ejection Fraction**  
猪又 孝元 (北里大学北里研究所病院 循環器内科)

## Late Breaking Cohort Studies 1 (HF/CM)

3月29日(金) 13:50-15:20  
アネックスホール 2階 [F205+F206]

Heart Failure/Cardiomyopathy

座長:

井澤 英夫 (藤田医科大学ばんだね病院 循環器内科)  
前川 裕一郎 (浜松医科大学 内科学第三講座)

- 1. Increased Risk of Cancer Deaths in Patients with Chronic Heart Failure: A Report from the CHART-2 Study**  
及川 卓也 (東北大学 循環器内科学)  
ディスカッサント:  
加藤 真帆人 (榊原記念病院 循環器内科)
- 2. Seasonal Variation in the Incidence of Takotsubo Cardiomyopathy in Japan: Analysis of JROAD-DPC Registry**  
金岡 幸嗣朗 (奈良県立医科大学 循環器内科)  
ディスカッサント:  
栗栖 智 (広島大学 循環器内科学)
- 3. Clinical Features of Recurrent Takotsubo Syndrome: New Insights from the International Takotsubo Registry**  
加藤 賢 (Department of Cardiology, Zurich University Hospital, Switzerland)  
ディスカッサント:  
川上 利香 (奈良県立医科大学 循環器内科学教室)
- 4. Factors Influencing Health-related Quality of Life in Patients with Adult Congenital Heart Disease: A Nationwide Study Supported by AMED**  
紺野 亮 (東北大学 循環器内科学)  
ディスカッサント:  
椎名 由美 (聖路加国際病院心臓血管センター)

**5. Impact of Multidisciplinary Cardiac Rehabilitation in Patients with Heart Failure on Survival and Hospitalization: The AMED-CHF Cardiac Rehabilitation Study**

神谷 健太郎 (北里大学)

ディスカッサント:

木庭 新治 (昭和大学 内科学講座・循環器内科学部門)

**6. Incidence and Prediction of Sudden Cardiac Death among Heart Failure Patients: Collaborative Study of WET-HF Registry and University of Washington**

福岡 良磨 (慶應義塾大学 循環器内科)

ディスカッサント:

奥村 貴裕 (名古屋大学 循環器内科学)

## Featured Research Session 3 (CAD)

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March 29 (Fri) 16 : 30—18 : 00  
414+415, 4F, Conference Center

### Coronary Artery Diseases (Clinical) 1

Chairpersons :

Richard Kovacs (American College of Cardiology, USA)  
Shiro Uemura (Cardiovascular Medicine, Kawasaki Medical School, Kurashiki)

Keynote Lecture :

#### FRS03-1 Improving the Quality of Care for Acute MI -2019

Richard Kovacs (American College of Cardiology, USA)

#### FRS03-2 VEGF-C as an Inverse Predictor of Total Mortality in Patients with Stable Coronary Heart Disease: From the ANOX Study

Hirofumi Wada (Division of Translational Research, National Hospital Organization Kyoto Medical Center, Kyoto)

#### FRS03-3 Clinical and Laboratory Predictors for Plaque Erosion in Patients with Acute Coronary Syndromes

Erika Yamamoto (Department of Cardiovascular Medicine, Graduate of Medicine, Kyoto University, Kyoto)

#### FRS03-4 Impact of Aortic Atheromatous Plaques Identified by Aortic Angioscopy on One-Year Clinical Events: On Behalf of DREAM-NOGA Registry

Keisuke Kojima (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

#### FRS03-5 Progression of Calcified Lesions to Atherosclerotic Lesions of CAD in Young Adults on High Volume Kawasaki Disease (KD) Database

Koudai Sugimura (Division of Cardiology, Heart Institute, Chiba Nishi General Hospital, Matsudo)

## Featured Research Session 4 (HF/CM)

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March 29 (Fri) 13 : 50—15 : 20  
416+417, 4F, Conference Center

### Heart Failure, Cardiomyopathy (Clinical)

Chairpersons :

Dae-Won Sohn (Seoul National University College of Medicine, Korea)  
Tomoko Ichiki (Cardiology, School of Medicine, International University of Health and Welfare, Nasushiobara)

Keynote Lecture :

#### FRS04-1 Multimodality Imaging in Cardiomyopathy

Dae-Won Sohn (Seoul National University College of Medicine, Korea)

#### FRS04-2 Renal Function and the Prognostic Impact of Renin-angiotensin-aldosterone System Inhibitors for Heart Failure Patients: An Analysis of HIJ-HF II Study

Keisuke Suzuki (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

#### FRS04-3 Relationship between VEGF-C and Mortality in Patients with Stable Coronary Artery Disease and Heart Failure: From the ANOX Study

Moritake Iguchi (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)

#### FRS04-4 Prognostic Implications of the Mitral L Wave in Patients with Hypertrophic Cardiomyopathy

Chihiro Saito (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

#### FRS04-5 Comparative Effectiveness of Alcohol Septal Ablation versus Septal Myectomy on Acute Care Use for Cardiovascular Disease in Hypertrophic Cardiomyopathy

Yuichi J. Shimada (Columbia University Medical Center, USA)

## Featured Research Session 5 (HF/CM)

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March 29 (Fri) 16 : 30—18 : 00  
416+417, 4F, Conference Center

### Heart Failure, Cardiomyopathy (Basic)

Chairpersons :

Yunzeng Zou (Shanghai Zhongshan Hospital, China)  
Osamu Yamaguchi (Department of Cardiology, Pulmonology, Hypertension and Nephrology, Ehime University Graduate School of Medicine, Toon)

Keynote Lecture :

#### FRS05-1 The Roles of LOX-1 in Cardiomyocyte Hypertrophy

Yunzeng Zou (Shanghai Zhongshan Hospital, China)

- FRS05-2 CCDC11 Promotes Cardiac Hypertrophy and Dysfunction in Response to Pressure Overload**  
Jia Wei Chen (Department of Cardiology, Rui Jin Hospital, Shanghai Jiao Tong University School of Medicine, China)
- FRS05-3 Werner Gene is Responsible for Cardiac Aging with the Disability of the Autophagy**  
Takahiro Kamihara (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)
- FRS05-4 Single-nucleus Transcriptome Analysis of the Heart Reveals Disease-specific Transcriptional Signatures in Human Heart Failure**  
Kanna Fujita (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)
- FRS05-5 Withdrawn**

## Oral Presentation (English) 7 (CAD)

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March 29 (Fri) 13 : 50 – 15 : 20  
413, 4F, Conference Center

### ACS/AMI (Basic)

#### Chairpersons :

Kouichi Ozaki (Division for Genomic Medicine, Medical Genome Center, National Center for Geriatrics and Gerontology, Obu/Laboratory for Cardiovascular Disease, RIKEN IMS, Yokohama)  
Yasunori Ueda (Cardiovascular Division, National Hospital Organization Osaka National Hospital, Osaka)

- OE07-1 Excessive Hif-1  $\alpha$  Induces Cardiac Rupture after Myocardial Infarction through p53-induced Apoptosis**  
Masataka Ikeda (Department of Cardiovascular Medicine, Faculty of Medical Sciences, Kyushu University, Fukuoka)
- OE07-2 Impact of Statin Use in Statin-naive Patients with Acute Coronary Syndrome Underwent Percutaneous Coronary Intervention from Shinano 5-year Registry**  
Yuki Yamamoto (Shinshu Ueda Medical Center, Ueda)
- OE07-3 Lack of Sirt7 Attenuates Myocardial Ischemia-reperfusion Injury by Modulating NRF2 Axis**  
Satoshi Araki (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)
- OE07-4 Functional Evaluation of LYPD1, Novel Angiogenesis Inhibitor Factor, in Rat Heart**  
Satoru Sakamoto (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- OE07-5 Repeated Social Defeat Exaggerates Fibrin-rich Clot Formation in FeCl<sub>3</sub>-induced Arterial Thrombosis Model: Potential Mechanisms of Depression-related CVD Development**  
Takeshi Sugimoto (Department of Cardiology, Kyoto Prefectural University of Medicine, Kyoto)
- OE07-6 Withdrawn**
- OE07-7 Withdrawn**
- OE07-8 High Levels of Circulating Glutamate and Cystine, and Low Biological Antioxidant Potential in Non-smoker Patients with Vasospastic Angina Pectoris**  
Minako Oda (Department of Cardiology, Kanazawa Medical University, Kahoku)
- OE07-9 Differential Alteration in Circulating PCSK9 Isoform Levels after Acute Myocardial Infarction**  
Jun Sawaguchi (Department of Cardiology, Kanazawa Medical University, Kahoku)

## Oral Presentation (English) 8 (CAD)

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March 29 (Fri) 16 : 30 – 18 : 00  
413, 4F, Conference Center

### Intravascular Imaging

#### Chairpersons :

Mitsuyasu Terashima (Toyohashi Heart Center, Toyohashi)  
Tadateru Takayama (Division of General Medicine, Department of Medicine, Nihon University School of Medicine, Tokyo)

- OE08-1 Efficacy of OCT-guided Rotational Atherectomy for Severely Calcified Coronary Lesion Compared to IVUS-guided Rotational Atherectomy**  
Norihiro Kobayashi (Department of Cardiology, Saiseikai Yokohama-City Eastern Hospital, Yokohama)
- OE08-2 Plaque Progression from Normal Vessel Wall to Fibroatheroma: Lessons from over 5-year Follow-up Optical Coherence Tomography Study**  
Ryo Takeshige (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- OE08-3 Relationship between Lesion Characteristics as Assessed by Intravascular Ultrasound and Clinical Outcomes: VAMPIRE 3 IVUS Substudy**  
Nobuhiko Maejima (Division of Cardiology, Yokohama City University Medical Center, Yokohama)
- OE08-4 Near-infrared Spectroscopy Assessment of Optical Coherence Tomography-defined Healed Coronary Plaques**  
Masahiro Hada (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE08-5 Optical Coherence Tomography-defined Plaque Instability Associated with Coronary Flow Capacity Classified with Pressure-temperature Sensor-tipped Wire**  
Hiroaki Ohya (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE08-6 Diagnostic Accuracy of Optical Coherence Tomography for the Identification of Neoatherosclerosis Following Stent Implantation: An Ex-Vivo Histological Validation Study**  
Hiroki Shibutani (Department of Medicine 2, Kansai Medical University, Osaka)

- OE08-7 Association of Irregular Protrusion after Stent Implantation with Vascular Inflammation and Neointimal Proliferation in Chronic Phase**  
Shunsuke Sakai (Department of Cardiology, Faculty of Medicine University of Tsukuba, Tsukuba)
- OE08-8 Predictors of Suboptimal Fractional Flow Reserve after Percutaneous Coronary Intervention**  
Tetsumin Lee (Department of Interventional Cardiology, Tokyo Medical and Dental University, Tokyo)
- OE08-9 Relation between Achilles Tendon Xanthoma and Lipid Core Plaque in Patients without Diagnosed Familial Hypercholesterolemia Undergoing Percutaneous Coronary Intervention**  
Hideki Kitahara (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)

## Oral Presentation (English) 9 (A)

March 29 (Fri) 13 : 50 – 15 : 20  
414 + 415, 4F, Conference Center

### AF, Ablation, Heart Failure

Chairpersons :

Norishige Morita (Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital, Hachioji)  
Yasuhiro Yoshiga (Department of Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Ube)

- OE09-1 Outcome of Ablation of Atrial Fibrillation in Hypertrophic Cardiomyopathy Patients**  
Masayuki Ishimura (Department of Cardiology, Kimitsu Central Hospital, Kisarazu)
- OE09-2 Catheter Ablation of Atrial Fibrillation Benefits Heart Failure Patients with Both Preserved and Reduced Ejection Fractions**  
Ryota Yamauchi (Department of Cardiology, Ogaki Municipal Hospital, Ogaki)
- OE09-3 The Long-term Result of Left Ventricular Ejection Fraction after Atrial Fibrillation Ablation in Patients with Impaired Left Ventricular Systolic Function**  
Kyoichiro Yazaki (Department of Cardiology, Tokyo Women's Medical University School of Medicine, Tokyo)
- OE09-4 Catheter Ablation of Atrial Fibrillation Reduces Heart Failure Re-hospitalization in Patients with Heart Failure with Preserved Ejection Fraction (HFpEF)**  
Akira Fukui (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Yufu)
- OE09-5 Catheter Ablation in Non-paroxysmal Atrial Fibrillation Patients with Tachycardia-induced Cardiomyopathy**  
Seigo Yamashita (Department of Cardiology, The Jikei University School of Medicine, Tokyo)
- OE09-6 Characteristics of Left Atrial Structural Remodeling in Patients with Hypertrophic Cardiomyopathy (HCM) and Atrial Fibrillation (AF)**  
Takayuki Kitai (Department of Cardiology, Sapporo Heart Center, Sapporo)
- OE09-7 Impact of Catheter Ablation for Persistent Atrial Fibrillation on Cardiac Function in Patients with Chronic Heart Failure**  
Hiroyuki Satake (The Department of Cardiology, International University of Health Welfare, Nasushiobara)
- OE09-8 Predicting Normalization of Left Ventricular Systolic Dysfunction of Unexplained Etiology in Patients Underwent Catheter Ablation for Persistent Atrial Fibrillation**  
Masato Okada (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka)
- OE09-9 Catheter Ablation for Atrial Fibrillation Improves not Only Left Ventricular Ejection Fraction but also Mitral and Tricuspid Regurgitation**  
Toshiya Kojima (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)

## Oral Presentation (English) 10 (HF/CM)

March 29 (Fri) 13 : 50 – 15 : 20  
418, 4F, Conference Center

### Cardiomyopathy/Hypertrophy (Clinical)

Chairpersons :

Aekarach Ariyachaipanich (Chulalongkorn University, Thailand)  
Tetsuo Yamaguchi (Department of Cardiology, Japanese Red Cross Musashino Hospital, Musashino)

- OE10-1 Cardiomyopathy in 137 Children with Mitochondrial Disease: Prognosis and Genetic Background**  
Atsuko Okazaki (Intractable Disease Research Center, Juntendo University, Tokyo)
- OE10-2 Left Ventricular Structural Changes in Patients with Primary Aldosteronism after Six Months Treatment**  
Kohei Kamemura (Department of Internal Medicine, Division of Cardiology, Shinko Hospital, Kobe)

- OE10-3 Prognosis of Histological and Clinical Cardiac Sarcoidosis: Japanese Nationwide Questionnaire Survey**  
Kohei Ishibashi (Department of Cardiology, National Cerebral and Cardiovascular Center, Suita)
- OE10-4 Clinical Significance of 4D Flow Magnetic Resonance Measurement of Turbulent Kinetic Energy for Hypertrophic Obstructive Cardiomyopathy**  
Junya Matsuda (Division of Cardiovascular Intensive Care, Nippon Medical School, Tokyo)
- OE10-5 Investigation of Cardiac Manifestations and Lyso-GB3 of 80 Fabry Patients**  
Hiromi Goto (Department of Cardiology, Nagoya Central Hospital, Nagoya)
- OE10-6 Natural History and Prognostic Predictors on Heart Failure Outcomes of Japanese Transthyretin Cardiac Amyloidosis**  
Yasuhiro Shintani (National Cerebral and Cardiovascular Center, Suita)
- OE10-7 Human Epididymis Protein 4 Predict Progressive Interstitial Fibrosis and Adverse Cardiovascular Events of Dilated Cardiomyopathy**  
Masahiro Yamamoto (Department of Cardiovascular Medicine, Graduate School of Medical Science Kumamoto University, Kumamoto)
- OE10-8 High-sensitivity Cardiac Troponin T as a Useful Biomarker Reflecting the Steroid Therapy Response in Patients with Cardiac Sarcoidosis**  
Yuichi Baba (Department of Cardiology and Geriatrics, Kochi Medical School, Kochi University, Kochi)
- OE10-9 Association between Left Ventricular Septal Bulge and Bradycardias in Patients with Pacemaker Implantation**  
Atsushi Kobayashi (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

## Oral Presentation (English) 11 (HF/CM)

March 29 (Fri) 16 : 30 – 18 : 00

418, 4F, Conference Center

### Pulmonary Circulation

Chairpersons :

Taichi Kato (Department of Pediatrics/Developmental Pediatrics, Nagoya University Graduate School of Medicine, Nagoya)

Kimio Satoh (Department of Cardiovascular Medicine, Graduate School of Tohoku University, Sendai)

- OE11-1 Long Noncoding RNA H19 in the Pathogenesis of Right Ventricular Failure Associated with Pulmonary Arterial Hypertension**  
Junichi Omura (Pulmonary Hypertension and Vascular Biology Research Group of Quebec Heart and Lung Institute, Laval University, Canada)
- OE11-2 Diagnostic and Prognostic Significance of Serum Levels of Selenoprotein P in Patients with Pulmonary Arterial Hypertension**  
Nobuhiro Kikuchi (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
- OE11-3 Fam13a is a Novel Player in the Development of Pulmonary Arterial Hypertension**  
Pranindya Rinastiti (Division of Cardiovascular, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- OE11-4 Long-term Survival and Its Determinants in Chronic Thromboembolic Pulmonary Hypertension Patients Underwent Balloon Pulmonary Angioplasty**  
Masahiro Tsuji (Department of Cardiology, Okayama Medical Center, Okayama)
- OE11-5 Peptidyl Prolyl Isomerase (Pin1) Contributes to the Development of Pulmonary Hypertension Partly via Pulmonary Vascular Endothelial Cell Dysfunction**  
Satoshi Sakai (Department of Cardiology, University of Tsukuba, Tsukuba)
- OE11-6 Risk Factors for Major Bleeding during Prolonged Anticoagulation Therapy in Patients with Venous Thromboembolism: From the COMMAND VTE Registry**  
Kitae Kim (Department of Cardiovascular Medicine, Kobe City Medical Center General Hospital, Kobe)
- OE11-7 Identification of Emetine as a Novel Therapeutic Agent for Pulmonary Hypertension in Rats: A Successful Drug Repositioning**  
Mohammad Abdul Hai Siddique (Department of Cardiovascular Medicine, Tohoku University School of Medicine, Sendai)
- OE11-8 Exercise-induced Pulmonary Hypertension as a Predictor of Heart Failure with Preserved Ejection Fraction in Hypertensive Patients: Long-term Prospective Study**  
Reiko Mizuno (Nara Medical University, Kashihara)
- OE11-9 Inhibitory Effects of RAGE Aptamer on Proliferation of Smooth Muscle Cells from Pulmonary Arterial Hypertension**  
Kazufumi Nakamura (Department of Cardiovascular Medicine, Okayama University, Okayama)

## Oral Presentation (English) 12 (IMG)

March 29 (Fri) 13 : 50—15 : 20

419, 4F, Conference Center

### ECG

Chairpersons :

Mikiko Nakagawa (Medical Education Center, Oita University, Yufu)

Kenichi Hashimoto (Department of Intensive Care Medicine, National Defense Medical College, Tokorozawa)

#### OE12-1 **A Novel Unshielded Magnetocardiography System: The 1<sup>st</sup> Performance Test in 25 Healthy Male Volunteers**

Koji Fukuzawa (Section of Arrhythmia, Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

#### OE12-2 **Efficacy of 7-day Continuous Holter Monitor for Detecting Silent Atrial Fibrillation after Catheter Ablation**

Kazutaka Nakasone (Cardiovascular Center, The Tazuke Kofukai, Medical Research Institute, Kitano Hospital, Osaka)

#### OE12-3 **Impact of Premature Ventricular Complex Burden on Re-admission and Cardiac Death in Hospitalized Patients with Heart Failure**

Shinya Yamada (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

#### OE12-4 **Brugada Syndrome could be Associated with the Mechanical Compression of the Right Ventricular Outflow Tract by the Thoracic Deformity**

Yumi Ishii (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Yufu)

#### OE12-5 **Frequent Cyclic Variation of Heart Rate Reflects Left Ventricular Diastolic Dysfunction in Non-Ischemic Patients**

Takanori Yaegashi (Department of Cardiology, Noto General Hospital, Nanao)

#### OE12-6 **Frequent Atrial Ectopies rather than Short Coupled Ectopies in Holter Predict the Recurrence of Atrial Fibrillation after Pulmonary Vein Isolation**

Hajime Imai (Department of Cardiology, Komaki City Hospital, Komaki)

#### OE12-7 **Detection of Atrial Fibrillation with Conductive Textile Electrodes: A Pilot Validation Study for Medical Application**

Takeshi Machino (Department of Cardiology, University of Tsukuba, Tsukuba)

#### OE12-8 **Successful Measurement of Two-Sided Magnetocardiogram Using Multi-Channel Magneto-resistive Sensor**

Masahiro Sekigawa (Department of Cardiology, Tokyo Medical and Dental University Hospital, Tokyo)

#### OE12-9 **Differential Diagnosis between LQT1 and LQT2 by QT/RR Relationships Using 24-hour Holter Monitoring**

Kenji Yodogawa (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)

## Oral Presentation (English) 13 (IMG)

March 29 (Fri) 16 : 30—18 : 00

419, 4F, Conference Center

### Echo New Technology

Chairpersons :

Masumi Iwai-Takano (Intensive Care Unit, Fukushima Medical University, Fukushima)

Manatomo Toyono (Department of Pediatrics, Akita University Graduate School of Medicine, Akita)

#### OE13-1 **Prognostic Impact of Intraventricular Pressure Difference and Its Reversal in Dilated Cardiomyopathy**

Hiromasa Hayama (Department of Cardiology, National Center for Global Health and Medicine, Tokyo)

#### OE13-2 **Intraventricular Kinetic Energy during Isovolumic Contraction Predicts Future Decompensation in Dilated Cardiomyopathy**

Lisa Takahashi (Department of Cardiology, Tokyo Medical University, Tokyo)

#### OE13-3 **Size, Shape, and Orientation of Dilated Annulus in Tricuspid Regurgitation: A Real-Time 3-Dimensional Transesophageal Echocardiography Study**

Hiroto Utsunomiya (Department of Cardiovascular Medicine, Hiroshima University School of Medicine, Hiroshima)

#### OE13-4 **Implementing Machine Learning Algorithm for Novel Classification of Diastolic Function**

Haruka Nishikawa (Department of Cardiology, Cardiovascular Institute, Tokyo)

#### OE13-5 **Association of Arterial Stiffness with Left Atrial Volume and Function: A Community-based Cohort Study**

Yuriko Yoshida (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)

- OE13-6 Value of Tissue-tracking Tricuspid Annular Plane by Speckle-tracking Echocardiography for the Assessment of Right Ventricular Systolic Dysfunction**  
Naoki Maniwa (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)
- OE13-7 Prognostic Impact and Severity Assessment of Combinational Elastography in Heart Failure Patients**  
Takahiro Sakamoto (Division of Cardiology, Masuda Red Cross Hospital, Masuda)
- OE13-8 Left Atrial Reservoir Function is Associated with Prognosis of Patients Concomitant Heart Failure with Preserved Ejection Fraction and Atrial Fibrillation**  
Tomoko Machino (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)
- OE13-9 Assessment of Foot Perfusion by Using Superb Microvascular Imaging in Patients with Critical Limb Ischemia**  
Yuta Suto (Department of Cardiovascular and Respiratory Medicine, Akita University School of Medicine, Akita)

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**一般演題口述（日本語）9 (CAD)**

3月29日(金) 13:50-15:20

会議センター 3階 [311+312]

**Coronary Circulation/Chronic Coronary Disease (Basic/Clinical)**

座長:

寺川 宏樹 (JR広島病院 循環器内科)

松尾 あきこ (京都第二赤十字病院 循環器科)

- OJ09-1 Cardiac Lymphatic Dysfunction Causes Coronary Hyperconstricting Responses and Cardiac Structural Changes in Pigs in Vivo**  
天水 宏和 (東北大学 循環器内科)
- OJ09-2 Diagnostic Performance of Quantitative Flow Ratio for Ischemia-Causing Side Branch Stenoses in Coronary Artery Disease Patients**  
谷垣 徹 (岐阜ハートセンター 循環器内科)
- OJ09-3 Fractional Flow Reserve-guided Deferral of Percutaneous Coronary Intervention is Associated with Worse Prognosis in Patients with Hemodialysis**  
疋田 浩之 (横須賀共済病院 循環器センター)
- OJ09-4 Pd/Pa Fluctuation with Continuous ATP Administration Indicates Incomplete Hyperemia in the FFR Measurement**  
保屋野 真 (新潟大学 循環器内科学)
- OJ09-5 Impact of Low Blood Pressure on Cardiovascular Death in Diabetic Patients with Coronary Artery Disease: The CREDO-Kyoto Cohort-1**  
甲斐 久史 (久留米大学医療センター 循環器内科)
- OJ09-6 Diagnostic Accuracy of 3-Dimensional Angiography-based Quantitative Flow Ratio Measurements to Predict Ischemia-causing Lesions**  
三輪 健二 (石川県立中央病院 循環器内科)
- OJ09-7 Comparison of Accuracy of Fractional Flow Reserve Using Optical Sensor Wire to Conventional Pressure Wire**  
立石 遼 (亀田総合病院 循環器内科)
- OJ09-8 Prognostic Value of Post-intervention Fractional Flow Reserve after Intravascular Ultrasound-Guided Second-generation Drug-Eluting Coronary Stenting**  
星野 昌弘 (土浦協同病院 循環器内科)
- OJ09-9 The Differences of Prognosis by Geriatric Nutrition Risk Index (GNRI) in Elderly Patients after Percutaneous Coronary Intervention (PCI)**  
岡 洋佑 (心臓血管研究所 循環器内科)

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**一般演題口述（日本語）10 (HF/CM)**

3月29日(金) 16:30-18:00

会議センター 3階 [311+312]

**Pulmonary Circulation**

座長:

池田 聡司 (長崎大学 循環器内科)

村田 光繁 (慶應義塾大学 循環器内科)

- OJ10-1 The Long-term Outcome of Balloon Pulmonary Angioplasty for Operable but not Operated Chronic Thromboembolic Pulmonary Hypertension Patients**  
林 和菜 (岡山医療センター)
- OJ10-2 Simplified Proposed Risk Stratification could Predict 10-year Prognosis in Patients with Pulmonary Arterial Hypertension: From a Single Center Cohort Study**  
江尻 健太郎 (岡山大学 循環器内科学)
- OJ10-3 Crucial Role of Hypoxia in Epigenetic Changes of SMCs from PAH with BMPR2 Mutation**  
中村 一文 (岡山大学 循環器内科学)
- OJ10-4 Additional Balloon Pulmonary Angioplasty Improved Residual Hypoxemia in Patients with Chronic Thromboembolic Pulmonary Hypertension Already Treated by Balloon Pulmonary Angioplasty**  
西原 大裕 (岡山医療センター)
- OJ10-5 Importance of Early Intervention for Borderline Pulmonary Hypertension with Connective Tissue Diseases**  
織原 良行 (兵庫医科大学 循環器内科・冠疾患科)

- OJ10-6 Warburg Effect in Pulmonary Artery Smooth Muscle Cells of Pulmonary Arterial Hypertension**  
赤木 達 (岡山大学 循環器内科学)
- OJ10-7 Predictors of Survival in Patients with Not-operated Chronic Thromboembolic Pulmonary Hypertension**  
谷口 悠 (神戸大学 循環器内科)
- OJ10-8 Additive Beneficial Effects of Riociguat on Hemodynamic Responses to Exercise in CTEPH Patients after Hemodynamic Improvement by Balloon Pulmonary Angioplasty**  
青木 竜男 (東北大学 循環器内科学)
- OJ10-9 Omega-3 Fatty Acid Epoxides Produced by Mast Cells in Lung Prevent Pulmonary Vascular Remodeling**  
守山 英則 (慶應義塾大学 循環器内科)

## 一般演題口述 (日本語) 11 (VD/RF)

3月29日(金) 13:50-15:20  
会議センター 3階 [313+314]

### Metabolic Syndrome/Obesity

座長:

東口 治弘 (東京大学 循環器内科)  
大瀨 透 (大阪大学 循環器内科/大阪大学 歯学部)

- OJ11-1 Effect of Continuous Positive Airway Pressure on Blood Pressure and Adherence of CPAP Therapy in Patients with Obstructive Sleep Apnea**  
俵原 敬 (浜松赤十字病院 循環器内科)
- OJ11-2 Pulmonary Hypertension and Right Ventricular Remodeling in Obstructive Sleep Apnea**  
椎名 一紀 (東京医科大学 循環器内科学分野)
- OJ11-3 Impact of Dapagliflozin on Left Ventricular Diastolic Function of Patients with Type 2 Diabetic Mellitus with Chronic Heart Failure**  
曾我 文隆 (神戸大学 循環器内科学)
- OJ11-4 The Effect of Dapagliflozin Treatment on Epicardial Adipose Tissue Volume and P-wave Indices**  
佐藤 貴雄 (立川総合病院)
- OJ11-5 High-density Lipoprotein Cholesterol Efflux Capacity as a Relevant Predictor of Major Adverse Cardiac Events in Patients with Coronary Artery Disease**  
中村 日出彦 (獨協医科大学埼玉医療センター 循環器内科)
- OJ11-6 PTEN Inhibition Improves Cardiac Pathology and Attenuates Adipose Inflammation by Increasing Regulatory B Cells in Stressed Rats with Metabolic Syndrome**  
芦川 采央 (名古屋大学 病態解析学講座)
- OJ11-7 Altered Cardiac Autonomic Activity Triggers Sudden Cardiac Death in Rats with Metabolic Syndrome**  
中野 志保 (名古屋大学 病態解析学講座)
- OJ11-8 Coordinated Regulation of Inflammatory Response and Lipid Metabolism in Macrophages**  
大石 由美子 (日本医科大学 生化学・分子生物学 (代謝・栄養学))
- OJ11-9 Validation of Clinical Diagnostic Criteria of Familial Hypercholesterolemia in Japan: Evidence from a Comprehensive Genetic Analysis**  
多田 隼人 (金沢大学 循環器内科)

## 一般演題口述 (日本語) 12 (O)

3月29日(金) 16:30-18:00  
会議センター 3階 [313+314]

### Pharmacotherapy/Cost-health Care System

座長:

添木 武 (徳島大学 循環器内科学)  
塚原 健吾 (藤沢市民病院 循環器内科)

- OJ12-1 Clinical Outcomes of the Four Different Direct Oral Anticoagulants in 2216 Patients with Atrial Fibrillation: From the DIRECT Registry**  
平田 明生 (大阪警察病院 循環器内科)
- OJ12-2 Efficacy and Safety of Potent Platelet P2Y12 Receptor Inhibitors in Elderly vs. Non-elderly Patients with Acute Coronary Syndrome**  
植島 大輔 (亀田総合病院 循環器内科)

- OJ12-3 D-dimer Cutoff Value for the Diagnosis of Deep Vein Thrombosis in the Patients with Cancer**  
井上 仁喜 (国立病院機構北海道がんセンター 循環器内科)
- OJ12-4 The Use of Direct Oral Anti-coagulants as Treatment for Venous Thromboembolism in Japanese Patients with Advanced Cancer: A Prospective Observational Study**  
親川 拓也 (静岡県立静岡がんセンター 循環器内科)
- OJ12-5 Medical Castration could be a Trigger of Lethal Arrhythmias in Patients with Prostate Cancer**  
長谷川 奏恵 (福井大学 循環器内科)
- OJ12-6 Prognosis and Predictors of 1-year Mortality in AL Amyloidosis with Severe Heart Failure who Received the Treatment with Bortezomib-based Regimens**  
藤田 雄吾 (札幌医科大学 循環器・腎臓・代謝内分泌内科学講座)
- OJ12-7 Survey of Palliative Sedation in End-stage Heart Failure Patients: A Five Year Experience in National Cardiovascular Center**  
濱谷 康弘 (国立循環器病研究センター 心臓血管内科)
- OJ12-8 Renin Angiotensin System Inhibitors and Clinical Outcomes in Stable Coronary Artery Disease without Heart Failure: A Sub-analysis of the SHINANO-registry**  
鈴木 翔 (JA長野厚生連南長野医療センター篠ノ井総合病院 循環器科)
- OJ12-9 Dose Routine Follow-up Coronary Angiography after Percutaneous Coronary Stenting Have Clinical and Health Economic Benefit?**  
椎名 哲也 (順天堂大学 循環器内科学)

## 一般演題口述 (日本語) 13 (A)

3月29日(金) 13:50-15:20  
会議センター 3階 [315]

### ANS, Syncope

座長:

山本 裕美 (近畿大学 循環器内科)

篠原 徹二 (大分大学 循環器内科・臨床検査診断学講座)

- OJ13-1 Possibility of Deep Brain Stimulation as Therapeutic Approach for Orthostatic Hypotension**  
弘田 隆省 (高知大学 老年病・循環器内科学)
- OJ13-2 Impact of Atrial Fibrillation Ablation with Cryoballoon on Cardiac Sympathetic Nervous System in Patients with and without Heart Failure**  
川崎 真佐登 (大阪急性期・総合医療センター 心臓内科)
- OJ13-3 Artificial Baroreflex Device with Servo-controlled Air Pants for Orthostatic Hypotension**  
山崎 文靖 (高知大学 検査部)
- OJ13-4 Effects of Deep Brain Stimulation (DBS) of Subthalamic Nuclei (STN) on Orthostatic Hypotension (OHT)**  
弘田 隆省 (高知大学 老年病・循環器内科学)
- OJ13-5 The New Device for Orthostatic Hypotension; Closed Loop Approach with Noninvasive Air Pants**  
山崎 文靖 (高知大学 検査部)
- OJ13-6 Patients with Atrial Fibrillation Have Higher FIB-4 Index**  
野村 悠文 (大阪医科大学)
- OJ13-7 Renal Sympathetic Nerve Activity, Assessed by Renal 123I-metaiodobenzylguanidine, Reflects Disease Severity in Heart Failure with Reduced Ejection Fraction**  
岡部 佳孝 (金沢大学 システム生物学)
- OJ13-8 Significant Correlation between Arterial Velocity Pulse Index and Muscle Sympathetic Nerve Activity in Hypertensive Patients**  
杉本 寛之 (金沢大学 先進予防医学研究科 システム生物学分野)
- OJ13-9 Performance of Implantable Cardiac Monitoring System for Detecting Cardiac Arrhythmias in Patients with Unexplained Syncope**  
高田 康之 (東京医科大学 循環器内科)

## 一般演題口述（日本語）14 (A)

3月29日(金) 16:30-18:00

会議センター 3階 [315]

### AF, Factor

座長:

遠山 英子 (福岡山王病院ハートリズムセンター)

相澤 義泰 (国際医療福祉大学 循環器内科学)

- OJ14-1 Is Epicardial Adipose Tissue the Cause or Consequence of Atrial Fibrillation?**  
門野 越 (日本大学板橋病院 循環器内科)
- OJ14-2 Prognostic Value of Periatrial Adipose Tissue and Cardiac Sympathetic Nervous System in Atrial Fibrillation Recurrence after Catheter Ablation**  
川崎 真佐登 (大阪急性期・総合医療センター 心臓内科)
- OJ14-3 Interaction between Drinking Habits and ALDH2 Genotype as a Risk Factor for Atrial Fibrillation**  
山下 享芳 (熊本大学)
- OJ14-4 Gender Differences in Left Atrial Structural Remodeling and Clinical Outcomes among Patients Undergoing Atrial Fibrillation Ablation**  
田原 舞 (佐賀大学 循環器内科)
- OJ14-5 Influence of Atrial Refractory Period and Inducibility on Recurrence after Catheter Ablation in Patients with Persistent Atrial Fibrillation**  
西脇 修司 (北野病院 循環器内科)
- OJ14-6 The Computation of Atrial Fibrillation Chaos Characteristics Based on Local Electrograms of Pulmonary Veins**  
永嶋 孝一 (日本大学板橋病院 循環器内科)
- OJ14-7 Differences between the Serial Change in Serum Indoxyl Sulfate Level and eGFR after Catheter Ablation for Atrial Fibrillation Patients**  
小池 秀樹 (三井記念病院 循環器内科)
- OJ14-8 Catheter Ablation of Atrial Fibrillation Prevents Cardiovascular Events and Death in over 80-year-old Patients**  
多屋 慧 (香川県立中央病院 循環器内科)
- OJ14-9 Predictive Impact of Plasma Aldosterone Levels on the Future Risk of New-onset Atrial Fibrillation**  
井上 啓司 (京都第二赤十字病院 循環器内科)

March  
29  
PM

## ベストポスターセッション 2 (HF/CM)

3月29日(金) 14:40-15:30

展示ホール

### Heart Failure/Cardiomyopathy

座長:

吉川 勉 (榊原記念病院 循環器内科)

柴 信行 (国際医療福祉大学 循環器内科)

- BP2-1 Myocardial Bridging is Related to Coronary Spasm: A Retrospective Observational Study**  
新井 陸 (心臓血管研究所 循環器内科)
- BP2-2 Impacts of Malnutrition and Sarcopenia in Patients with Chronic Heart Failure: A Report from the CHART-2 Study**  
佐藤 雅之 (東北大学 循環器内科学)
- BP2-3 A Nationwide Survey of Palliative Care for Patients with Heart Failure in Japan**  
蔵垣内 敬 (兵庫県立尼崎総合医療センター 循環器内科)
- BP2-4 Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of the Novel Nitroxyl Donor BMS-986231 in Healthy Japanese and Non-asian Participants**  
塩崎 友美 (ブリストル・マイヤーズ スクイブ株式会社)
- BP2-5 Deranged Fatty Acid Composition by Elovl6 Regulates Cardiac Inflammation and Fibrosis after Pressure Overload in Mice**  
齊藤 美希 (群馬大学 保健学研究所 生体情報検査科学講座)
- BP2-6 Silent and Apparent Stroke during Hospitalization for Acute Decompensated Heart Failure**  
金枝 朋直 (東千葉メディカルセンター 循環器内科)
- BP2-7 The Prediction Model of All Cause Mortality in Heart Failure Patients**  
渡邊 直樹 (大垣市民病院 循環器内科)

March  
29  
PM

## Poster Session (English) 11 (CAD)

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March 29 (Fri) 15 : 30—16 : 20  
Exhibition Hall

### ACS/AMI (Clinical/Treatment) 2

Chairpersons :

Takashi Ashikaga (Department of Cardiology, Japanese Red Cross Musashino Hospital, Musashino)  
Kinya Shirota (Department of Cardiology, Matsue Red-Cross Hospital, Matsue)

- PE11-1 Controlling Nutritional Status Score Predicts In-hospital Mortality in Patients with Acute Coronary Syndrome Undergoing Primary Percutaneous Coronary Intervention**  
Tadatomo Fukushima (Department of Cardiovascular Medicine, Nagasaki Harbor Medical Center, Nagasaki)
- PE11-2 The Prognosis of Young Women Who Underwent Percutaneous Coronary Intervention for Spontaneous Coronary Artery Dissection**  
Yosuke Inoue (Department of Cardiology, Tosei General Hospital, Seto)
- PE11-3 Comparison of Excimer Laser Coronary Angioplasty (ELCA) and ELCA Plus Thrombus Aspiration for ST-segment Elevation Myocardial Infarction**  
Shinichiro Masuda (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)
- PE11-4 Impact of Blood Pressure and Glycemic Control on Clinical Outcome in Diabetic Patients with Acute Myocardial Infarction**  
Hyeonjeong Kim (Kyungpook National University Hospital, Korea)
- PE11-5 The Impact of PCI Strategy without Aspiration Thrombectomy on Microvascular Reperfusion in Myocardial Infarction**  
Satoshi Iwamiya (Department of Cardiology, Shin-Yurigaoka General Hospital, Kawasaki)
- PE11-6 Difference of Clinical Impact of In-stent Tissue Protrusion in Acute Coronary Syndrome: Optical Coherence Tomographic Evaluation**  
Hitoshi Nakamura (Department of Cardiology, Osaka Rousai Hospital, Sakai)
- PE11-7 30-day Morbidity and Mortality of Patients with Acute Coronary Syndrome Admitted to the Cardiovascular Ward, Mahosot Hospital, Vientiane, Lao PDR**  
Thatsaphone Somsaart (Setthathirath Hospital, University of Health Sciences, Laos)

## Poster Session (English) 12 (A)

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March 29 (Fri) 15 : 30—16 : 20  
Exhibition Hall

### AF, Laser Balloon

Chairpersons :

Itsuro Morishima (Department of Cardiology, Ogaki Municipal Hospital, Ogaki)  
Yuko Inoue (National Cerebral and Cardiovascular Center, Suita)

- PE12-1 The Initial Experiences of Laser Balloon Pulmonary Vein Isolation: From Kansai Laser Balloon Ablation Registry**  
Yasuhiro Matsuda (Cardiovascular Center, Kansai Rosai Hospital, Amagasaki)
- PE12-2 The Effects of Energy Titration of Laser Balloon Ablation on Pulmonary Vein Isolation in Patients with Paroxysmal Atrial Fibrillation**  
Rena Nakamura (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- PE12-3 Lesion Formation Analysis by Intracardiac Echocardiography during Laser Balloon Ablation for Paroxysmal Atrial Fibrillation**  
Takayuki Iida (Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital, Hachioji)
- PE12-4 Effectiveness of Direct Visualization of Ring Electrode Location Using Endoscopic Laser Balloon Ablation System for Pulmonary Vein Isolation**  
Yasuhiro Sasaki (Department of Cardiology, Kobe City Medical Center General Hospital, Kobe)
- PE12-5 Consideration of Pulmonary Vein Isolation Using Cryoballoon versus Visually Guided Laser Balloon**  
Masahiko Nakao (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)
- PE12-6 Clinical Investigation Regarding the Risk of Laser Balloon Rupture during Ablation Procedure in Patients with Paroxysmal Atrial Fibrillation**  
Rena Nakamura (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- PE12-7 Comparison of Isolation Area after Pulmonary Vein Isolation Procedure among Various Balloon Devices**  
Masaaki Yokoyama (Department of Cardiology, The Jikei University School of Medicine, Tokyo)

## Poster Session (English) 13 (A)

March 29 (Fri) 15 : 30 – 16 : 20

Exhibition Hall

### AF, Method 1

Chairpersons :

Hiroshi Furusho (Department of Cardiology, Kanazawa University Hospital, Kanazawa)

Masahide Harada (Department of Cardiology, Fujita Health University, Toyoake)

**PE13-1 Impact of Posterior Wall Isolation on Recurrence of Atrial Fibrillation: Propensity Score Matched Analysis**

Shunsuke Kuroda (Department of Cardiology, Kameda Medical Center, Kamogawa)

**PE13-2 Left Atrial Stiffness Predict Low-voltage Areas in Patients with Atrial Fibrillation**

Hideyuki Kishima (Department of Internal Medicine, Cardiovascular Division, Hyogo College of Medicine, Nishinomiya)

**PE13-3 Partial Success after Non-Paroxysmal Atrial Fibrillation Ablation: Is It Failure?**

Takamitsu Takagi (Department of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)

**PE13-4 Impact of Ethanol Infusion in the Vein of Marshall on Outcomes after Repeat Ablation Procedures for Recurrent Atrial Fibrillation**

Masahito Suzuki (Department of Cardiology, Disaster Medical Center, Tokyo)

**PE13-5 Impact of Direct Current Cardioversion on Recution of Low Voltage Zone in Patients with Persistent Atrial Fibrillation**

Kenki Ashida (Cardiovascular Division, Department of Internal Medicine, Hyogo College of Medicine, Nishinomiya)

**PE13-6 A Simple Criteria by Intra-atrial Activation Sequence to Localize Non-pulmonary Vein Foci during Catheter Ablation for Atrial Fibrillation**

Kazuo Sakamoto (Department of Cardiology, Kyushu University Hospital, Fukuoka)

**PE13-7 Efficacy and Safety of Ablation Index-Guide High-Power Radiofrequency Application for Pulmonary Vein Isolation**

Hideharu Okamatsu (Saiseikai Kumamoto Hospital Cardiovascular Center, Kumamoto)

## Poster Session (English) 14 (A)

March 29 (Fri) 15 : 30 – 16 : 20

Exhibition Hall

### AF, Method 2

Chairpersons :

Koji Azegami (Department of Cardiovascular Medicine, Shin-yurigaoka General Hospital, Kawasaki)

Atsuyuki Watanabe (Department of Cardiology, Okayama University School of Medicine, Okayama)

**PE14-1 Comparison of the Post-ablation Recurrence between Epicardial Adipose Tissue-based Ablation in Addition to Pulmonary Vein Isolation (PVI) vs. PVI Alone**

Naoto Otsuka (Itabashi Hospital, Nihon University School of Medicine, Tokyo)

**PE14-2 Transformation from Persistent to Paroxysmal Atrial Fibrillation after Ablation: A Significant Role of the Left Atrial Posterior Wall Isolation**

Katsuhide Hayashi (Saiseikai Kumamoto Hospital, Kumamoto)

**PE14-3 Optimal Ablation Index to Prevent Conduction Gap in Areas Adjacent to Esophagus during Pulmonary Vein Isolation**

Naomi Kanamori (Department of Cardiovascular Medicine, NHO Kanazawa Medical Center, Kanazawa)

**PE14-4 The Impact of Empiric Ablation of the Coronary Sinus after Pulmonary Vein Isolation in Patients with Atrial Fibrillation**

Shinichi Tanigawa (Department Cardiology, The Jikei University School of Medicine Katsushika Medical Center, Tokyo)

**PE14-5 Superior Vena Cava Isolation in Addition to Pulmonary Vein Isolation Improves Outcome after Catheter Ablation of Non-paroxysmal Atrial Fibrillation**

Yasuhiro Yoshiga (Department Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Ube)

**PE14-6 The Modified Ablation Index: A Novel Determinant of Acute Pulmonary Vein Reconnections after Pulmonary Vein Isolation**

Yuji Wakamatsu (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

- PE14-7 Incidence of Asymptomatic Stroke or Hemopericardium in Catheter Ablation for Atrial Fibrillation with Uninterrupted Use of Edoxaban, Rivaroxaban, or Warfarin**  
Issei Yoshimoto (Department of Cardiovascular Medicine and Hypertension, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima)

March  
29  
PM

## Poster Session (English) 15 (HF/CM)

March 29 (Fri) 15 : 30 – 16 : 20  
Exhibition Hall

### Cardiomyopathy/Hypertrophy Clinical

Chairpersons :

Tatsuya Kawasaki (Department of Cardiology, Matsushita Memorial Hospital, Moriguchi)

Daisuke Tezuka (Department of Cardiovascular Medicine, AIC Yaesu Clinic, Tokyo)

- PE15-1 Impact of Left Ventricular Ejection Fraction Using Teichholz Formula for Acute Heart Failure in Patients with Takotsubo Syndrome**  
Masafumi Ono (Tokyo CCU Network Scientific Committee, Tokyo)
- PE15-2 The Role and Significance of School Screening for Left Ventricular Noncompaction**  
Keiichi Hirono (Toyama University Hospital, Toyama)
- PE15-3 Impact of Left Ventricular Concentricity on Long-term Mortality in a Hospital-based Population in Japan**  
Yuta Seko (Department of Cardiology, The Tazuke Kofukai Medical Research Institute, Kitano Hospital, Osaka)
- PE15-4 Efficacy of the Percutaneous Transluminal Septal Myocardial Ablation for Hypertrophic Obstructive Cardiomyopathy with Mid-Ventricular Obstruction**  
Toshihiro Moriki (Department of Cardiology, Sakakibara Heart Institute, Tokyo)
- PE15-5 Impact of Left Bundle Branch Block on Right Ventricular Function in Patients with Dilated Cardiomyopathy: Evidence from Cardiac Magnetic Resonance**  
Yoji Nagata (Division of Cardiology, Fukui Cardiovascular Center, Fukui)
- PE15-6 Persistent Atrial Fibrillation and Diabetes are Independent Predictors of Tachycardia Induced Cardiomyopathy in Patients with Atrial Fibrillation**  
Naoya Hironobe (Department of Cardiovascular Medicine, Hiroshima University Hospital, Hiroshima)
- PE15-7 Diagnostic Value of Metabolite Profiling in Patients with Hypertrophic Cardiomyopathy**  
Yuichi J. Shimada (Columbia University Medical Center, USA)

## Poster Session (English) 16 (HF/CM)

March 29 (Fri) 15 : 30 – 16 : 20  
Exhibition Hall

### Cardiac Arrest/Resuscitation 3

Chairpersons :

Toshihiro Tsuruda (Department of Internal Medicine, Circulatory and Body Fluid Regulation, Faculty of Medicine, University of Miyazaki, Miyazaki)

Michiro Maruyama (Division of Cardiology, Department of Internal Medicine, Toyama Prefectural Central Hospital, Toyama)

- PE16-1 Intraosseous Transfusion with Liposome-Encapsulated Hemoglobin Comparably Improves Rat Survival and Arrhythmogenesis Undergoing Progressive Lethal 85% Hemorrhage with Central Venous Infusion**  
Bonpei Takase (Department of Intensive Care Medicine, National Defense Medical College, Tokorozawa)
- PE16-2 Complete Right Bundle Branch Block during the Early Phase of Out-of-hospital Cardiac Arrest could Predict All-cause Death**  
Munehiro Iiwa (Yokohama Minami Kyosai Hospital, Yokohama)
- PE16-3 The Usefulness of Non-Electrocardiogram-gated Contrast-enhanced Computed Tomography in the Diagnosis of Coronary Stenosis for Out-of-Hospital-Cardiac-Arrest Patients**  
Shunichi Kato (Department Cardiology, Saitama Red Cross Hospital, Saitama)
- PE16-4 The Utility of the Coronary Artery Calcium Volume in Patients with Out-of-Hospital Cardiac Arrest**  
Koichiro Matsumura (Division of Cardiology, Department of Medicine II, Kansai Medical University, Osaka)
- PE16-5 The Assessment of Causes of Out-of-hospital Cardiac Arrest in Patients with Normal Coronary Arteries**  
Giichi Nitta (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama)
- PE16-6 Impact of  $\beta$ -blocker Pretreatment on the Success Rate of Cardiopulmonary Resuscitation**  
Takeshi Wada (Department of Pharmacology, Faculty of Medicine, Toho University, Tokyo)

## Poster Session (English) 17 (HF/CM)

March 29 (Fri) 15:30–16:20  
Exhibition Hall

### Cardiac Function Clinical

Chairpersons :

Kuniya Asai (Division of Intensive Care Unit, Nippon Medical School Chiba Hokusoh Hospital, Inzai)  
Masato Shimizu (Department of Cardiology, Yokohama Minami Kyosai Hospital, Yokohama)

**PE17-1 Characteristics and Outcomes of Recovered Left Ventricular Ejection Fraction in Heart Failure Patients with Reduced Ejection Fraction**

Yusuke Kimishima (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

**PE17-2 Detection of Heterogeneous Impairment of Right Ventricular Regional Function Using New 3-dimensional Segmental Model in Patients with Severe Pulmonary Hypertension**

Reiko Mizuno (Central Clinical Laboratory, Nara Medical University, Kashihara)

**PE17-3 Validating Utility of Wave Intensity Analysis in the Assessment of Left Ventricular Systolic Function**

Takako Iino (Department of Cardiovascular Medicine, Akita University Graduate School of Medicine, Akita)

**PE17-4 Impact of Left Ventricular Untorsion Slope during Early Diastole by 3-dimensional Speckle Tracking Echocardiography as a Novel Index of Relaxation**

Takashi Yoshizane (Cardiology, Gifu Prefectural General Medical Center, Gifu)

**PE17-5 Change in Left Ventricular Ejection Fraction and Its Impact on Prognosis in Heart Failure Patients with Mid-range Ejection Fraction**

Yusuke Kimishima (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

**PE17-6 Arterial Stiffness was Inversely Associated with Left Ventricular Diastolic Function in Papuan Population with a Life-long Low-sodium and High-potassium Diet**

Akio Ishida (Department of Cardiovascular Medicine, Nephrology and Neurology, Graduate School of Medicine, University of Ryukyus, Okinawa)

**PE17-7 Ivabradine-induced Bradycardia Does not Affect Left Ventricular Myocardial Interstitial Acetylcholine Levels during Vagal Nerve Stimulation**

Toru Kawada (Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center, Suita)

## Poster Session (English) 18 (VD/RF)

March 29 (Fri) 15:30–16:20  
Exhibition Hall

### Atherosclerosis (Clinical/Pathophysiology)

Chairpersons :

Kohzo Nagata (Department of Pathophysiological Laboratory Sciences, Nagoya University Graduate School of Medicine, Nagoya)  
Tetsu Watanabe (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University School of Medicine, Yamagata)

**PE18-1 Exosomes Derived from Dendritic Cells Post Myocardial Infarction Caused Dyslipidemia via mTOR-SREBP Pathway**

Yingnan Bai (Shanghai Institute of Cardiovascular Diseases, Zhongshan Hospital, Fudan University, China)

**PE18-2 Risk of Myocardial Infarction in Patients with Psoriasis: A Cross-sectional Patient-population Study in a Japanese Hospital**

Masayuki Shiba (Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)

**PE18-3 The Different Effects of Statin and Ezetimibe Combination on Coronary Atheroma Plaque in Patients with and without Diabetes Mellitus**

Koichiro Fujisue (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)

**PE18-4 Serum High-Density Lipoprotein-associated Paraoxonase-1 Levels Predict Cardiovascular Events after Stent Implantation in Hemodialysis Patients with Stable Angina Pectoris**

Masashi Nakagawa (Department of Cardiology, Osaka City General Hospital, Osaka)

**PE18-5 Empagliflozin Attenuates Endothelial Dysfunction and Atherogenesis by Inhibiting Inflammation in the Vasculature and Adipose Tissue in Diabetic Apolipoprotein E-deficient Mice**

Byambasuren Ganbaatar (Department of Cardiovascular Medicine, Tokushima University Graduate School of Biomedical Sciences, Tokushima)

**PE18-6 In Vivo Effect of Aging on the Progression of Aortic Atheromatous Plaque Identified by Non-obstructive General Angioscopy**

Akihito Ohgaku (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

**PE18-7 Hypercholesterolemia Affects Extracellular Superoxide Dismutase on Endothelium**

Akito Kawaguchi (Department of Health Science, Hokkaido University of Science, Sapporo)

**Poster Session (English) 19 (VD/RF)**

March 29 (Fri) 15 : 30 – 16 : 20

Exhibition Hall

**Diabetes**

Chairpersons :

Hisashi Adachi (Department of Community Medicine, Kurume University School of Medicine, Kurume)

Shin-ichi Ando (Sleep Apnea Center, Kyushu University Hospital, Fukuoka)

**PE19-1 Significance of Omentin-1 and Visfatin as Biomarkers for Atherothrombotic Complications in Type 2 Diabetic Patients**

Oleksii Korzh (Kharkiv Medical Academy of Postgraduate Education, Ukraine)

**PE19-2 Glycemic Variability Determined by a Continuous Glucose Monitoring System can Predict Prognosis after NSTEMI without DM**

Hironori Takahashi (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

**PE19-3 Long-Term Treatment with Linagliptin Provides Multiple Effects Independent of Glycemic Improvement for Type-2 Diabetics Receiving Statin**

Tatsuaki Murakami (Department of Cardiology, Fukui Cardiovascular Center, Fukui)

**PE19-4 Later-Phase Postprandial Glycemic Variability as a New Risk Factor of Target Lesion Revascularization in Non-diabetic Patients**

Satoshi Kobara (Division of Molecular Medicine and Therapeutics Department of Multidisciplinary Internal Medicine, Yonago)

**PE19-5 Postprandial Glucose/Triglyceride Spikes Reduces Circulating EPC Number by Inducing Premature Aging of Bone Marrow**

Keita Horitani (Department of Medicine II, Kansai Medical University, Hirakata)

**PE19-6 Hemoconcentration and Low Cardiac Output are Associated with Adverse Events of Sodium-glucose Co-transporter 2 Inhibition in Patients with Heart Failure**

Mayu Yazaki (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Sagami-hara)

**PE19-7 Canagliflozin, a SGLT-2 Inhibitor, Prevents Endothelial Dysfunction and Atherosclerosis in Diabetic Apolipoprotein E-deficient Mice**

Arief Rahadian (Cardiovascular Department, Institute of Biomedical Science, Tokushima University Graduate School, Tokushima)

**Poster Session (English) 20 (SHD)**

March 29 (Fri) 15 : 30 – 16 : 20

Exhibition Hall

**Aortic Valve Stenosis 1**

Chairpersons :

Kenji Minakata (Division of Cardiovascular Surgery, Temple University School of Medicine, USA)

Yasushi Fuku (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)

**PE20-1 The Importance of Progressive Arterial-stiffness as the Residual Risk after Transcatheter Aortic Valve Implantation in Aged Aortic Valve Stenosis Patients**

Naomi Nakazawa (Department of Cardiology, University of Tsukuba, Tsukuba)

**PE20-2 Comparison of Early and Late Prognosis in Patients with Severe Aortic Stenosis after Balloon Aortic Valvuloplasty**

Tomoyo Hamana (Department of Cardiology, Hyogo Prefectural Awaji Medical Center, Sumoto)

**PE20-3 A Possible Link between Asymmetric Expansion of SAPIEN 3 Transcatheter Heart Valve and Hypo-attenuated Leaflet Thickening**

Hiroyuki Kawamori (Kobe University Graduate School of Medicine Department of Internal Medicine Division of Cardiovascular Medicine, Kobe)

**PE20-4 Prognostic Value of Baseline Echocardiographic Measures for Prolonged Hospitalization in Patients with Successful Transcatheter Aortic Valve Implantation**

Tomoo Nagai (Division of Cardiovascular Medicine, Department of Internal Medicine, Tokai University School of Medicine, Isehara)

- PE20-5 Prognostic Impact of the Clinical Frailty Scale after Balloon Aortic Valvuloplasty**  
Tomoyo Hamana (Department of Cardiology, Hyogo Prefectural Awaji Medical Center, Sumoto)
- PE20-6 The Patients with Rheumatoid Arthritis Had a Risk of Progression on Aortic Valve Stenosis**  
Satoko Ojima (Department of Cardiovascular Medicine and Hypertension, Graduate School of Medicine, Kagoshima University, Kagoshima)
- PE20-7 Effect of Transcatheter Aortic Valve Implantation on Coronary Hemodynamics in Patients with Severe Aortic Stenosis**  
Teruaki Wada (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)

## Poster Session (English) 21 (IMG)

March 29 (Fri) 15 : 30 – 16 : 20  
Exhibition Hall

### CT MRI Coronary/Vascular 2

Chairpersons :

Hiroshi Satoh (Department of Cardiology, Fujinomiya City Hospital, Fujinomiya)  
Yasuhide Asaumi (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

- PE21-1 Low CT Value of Anterior Portion of Vertebral Body can Predict Poor Clinical Outcomes in Patients with Peripheral Artery Disease**  
Takayuki Sugai (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University, Yamagata)
- PE21-2 High-risk Plaque Detected on Coronary CTA Predicts Cardiovascular Events in Patients with Nonalcoholic Fatty Liver Disease**  
Keishi Ichikawa (Department of Cardiovascular Medicine, Okayama University, Okayama)
- PE21-3 Living-heart Anatomy of the Aortic Valvar Leaflets: Detailed Measurements Using Cardiac Computed Tomography**  
Yu Izawa (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- PE21-4 Incidence and Cause of Death of Acute Aortic Dissection in Patients with Out-of-hospital Cardiopulmonary Arrest Analyzed by Computed Tomography**  
Shinsuke Takeuchi (Division of Cardiology, Department of Internal Medicine II, Kyorin University School of Medicine, Mitaka)
- PE21-5 Screening of Vulnerable Plaques in Asymptomatic Patients with Diabetes Mellitus Using Non-contrast T1-weighted Magnetic Resonance Imaging**  
Akira Oshita (Department of Cardiology, Ehime Prefectural Imabari Hospital, Imabari)
- PE21-6 Impact of Three-vessel Fractional Flow Reserve Derived from Coronary Computed Tomography Angiography**  
Yoshihiro Sobue (Department of Cardiovascular Medicine, Gifu Heart Center, Gifu)

## Poster Session (English) 22 (O)

March 29 (Fri) 15 : 30 – 16 : 20  
Exhibition Hall

### Exercise Test/Cardiac Rehabilitation 1

Chairpersons :

Takanori Yasu (Department of Cardiovascular Medicine & Nephrology, Dokkyo Medical University Nikko Medical Center, Nikko)  
Masaru Araki (Second Department of Internal Medicine, University of Occupational and Environmental Health, School of Medicine, Kitakyushu)

- PE22-1 Long Term Effects of Outpatient Cardiac Rehabilitation in Patients with Acute Decompensated Heart Failure (ADHF)**  
Seigo Iwane (Himeji Cardiovascular Center, Himeji)
- PE22-2 Relationship between Tissue Accumulation of Advanced Glycation End Products and Exercise Tolerance in Patients Who Have Undergone Cardiac Rehabilitation**  
Mitsuhiro Kunimoto (Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Tokyo)
- PE22-3 Examination for Efficacy for Recovery by a Commercial Energy Drink after Post-cardiac Surgery**  
Satoshi Matsushita (Department of Cardiovascular Surgery, Juntendo University Faculty of Medicine, Tokyo)
- PE22-4 Feasibility of Using a Lumber-type Hybrid Assistive Limb (HAL) as a Tool of Exercise Therapy in Patients with Heart Failure**  
Longmei Wu (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

- PE22-5 Association of Nonparticipation in Cardiac Rehabilitation with Characteristics of Patients after Acute Myocardial Infarction**  
Fumiyoshi Tsunoda (Division of Cardiology, Showa University Fujigaoka Hospital, Yokohama)
- PE22-6 Cardiac Rehabilitation Makes to Reduce Subsequent Medical Expenses in Patients after Acute Coronary Syndrome**  
Yuya Yokota (Department of Medicine, Division of Cardiology, Showa University School of Medicine, Tokyo)
- PE22-7 Cardiac Rehabilitation as a Non-anti-inflammatory Method of Suppressing Small Abdominal Aortic Aneurysm Expansion**  
Atsuko Nakayama (Department of Cardiology, The University of Tokyo, Tokyo)

## Poster Session (English) 23 (O)

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March 29 (Fri) 15 : 30 – 16 : 20

Exhibition Hall

### Exercise Test/Cardiac Rehabilitation 2

Chairpersons :

Hironori Saito (Department of Medical Social Services, Japanese Red Cross Okayama Hospital, Okayama)

Naoki Fujimoto (Department of Cardiology and Nephrology, Mie University Graduate School of Medicine, Tsu)

- PE23-1 Does Cardiac Rehabilitation Improve Severe Diastolic Dysfunction of the Patients with Cardiovascular Disease?**  
Tomoaki Hama (Cardiovascular Medicine, Tokai University Hachioji Hospital, Hachioji)
- PE23-2 Prognostic Impact of Responsiveness to Nutritional and Exercise Intervention in Cardiovascular Patients with Low Fitness**  
Mariko Ehara (Department of Cardiology, Nagoya Heart Center, Nagoya)
- PE23-3 Improvement of Anxiety by Cardiac Rehabilitation Contributes to Improvement of Exercise Tolerance**  
Yuya Yokota (Department of Medicine, Division of Cardiology, Showa University School of Medicine, Tokyo)
- PE23-4 Role of Arterial Stiffness in Mediating the Association between Grip Strength and Cardiovascular Events: The Korean Genome and Epidemiology Study**  
Cheol Ung Choi (Korea University Guro Hospital, Korea)
- PE23-5 Investigation of the Growing Skeletal Muscle Derived Exosomal Micro RNA**  
Toshifumi Ishida (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)
- PE23-6 Efficacy of Low to Moderate Intensity Resistance Training at Recovery Phase of Cardiac Rehabilitation for Elderly Patients**  
Takafumi Yokomatsu (Department of Cardiology, Mitsubishi Kyoto Hospital, Kyoto)
- PE23-7 Cardiac Rehabilitation Significantly Improves an Index of Cardiac Diastolic Function in Patients with Heart Disease**  
Shiro Amanai (Department of Cardiology, Gunma Prefectural Cardiovascular Center, Maebashi)

## ポスターセッション（日本語）24 (CAD)

3月29日(金) 15:30-16:20

展示ホール

### Angina Pectoris (Clinical) 1

座長:

村里 嘉信 (国立病院機構九州医療センター 循環器センター 循環器内科)

中村 猛 (京都府立医科大学 循環器内科)

**PJ024-1 Extent of Lipid Core Plaque at the Target Lesion of Acute Coronary Syndrome Compared with Stable Angina**

立石 和也 (千葉大学 循環器内科)

**PJ024-2 Impact of Pharmacological Spasm Provocation Test in Patients with a History of Syncope**

末田 章三 (愛媛県立新居浜病院 循環器内科)

**PJ024-3 A Comparison of Prognosis between Insulin Users and Non-users after Using DCB for Diabetic Patients**

岸田 登志彦 (済生会横浜市東部病院 循環器内科)

**PJ024-4 Influence of Dyslipidemia Treatment on Stenotic Pattern in Patients with Coronary Spastic Angina**

山口 斐 (豊島病院 循環器内科)

**PJ024-5 The Relationship of Body Mass Index to Clinical Outcomes in Coronary Artery Disease Patients who Underwent Percutaneous Coronary Intervention**

森下 哲司 (福井大学 循環器内科)

**PJ024-6 Comparison of Rotational Atherectomy and Orbital Atherectomy System about Procedural Outcome**

本多 洋介 (済生会横浜市東部病院 循環器内科)

## ポスターセッション（日本語）25 (CAD)

3月29日(金) 15:30-16:20

展示ホール

### Cardiovascular Surgery/CABG

座長:

浅井 徹 (順天堂大学 心臓血管外科)

堀井 泰浩 (香川大学 心臓血管外科)

**PJ025-1 Psoas Muscle Area Index as a Predictor for In-hospital Death of Type A Acute Aortic Dissection**

遠藤 英仁 (杏林大学 心臓血管外科)

**PJ025-2 Coronary Artery Bypass Grafting vs. Percutaneous Coronary Intervention with Second-Generation Drug Eluting Stent for Multivessel Disease**

上村 直 (大和成和病院 循環器内科)

**PJ025-3 Preoperative Endothelial Function and Arrhythmic Events in Patients with Cardiovascular Surgery**

齋藤 佑一 (Yale University, School of Medicine, USA)

**PJ025-4 Prevalence and Prognosis of True Aortic Aneurysm in Emergent Settings: Analysis of Tokyo Aortic Supernetwork Database**

坏 宏一 (東京都CCUネットワーク 学術委員会)

**PJ025-5 The Effects of Cardiac Rehabilitation (CR) on Minimally Invasive and Conventional Cardiac Surgery**

寺井 知子 (神栖済生会病院 内科)

**PJ025-6 Association between LDL-Cholesterol Level Coronary Artery Bypass Graft Patency**

森本 喜久 (赤穂市民病院 心臓血管外科)

**PJ025-7 The Management of Postoperative Atrial Fibrillation Due to the Autonomic Nervous System**

森本 喜久 (赤穂市民病院 心臓血管外科)

March  
29  
PM

## ポスターセッション（日本語）26 (CAD)

3月29日(金) 15:30-16:20

展示ホール

### Coronary Circulation/Chronic Coronary Disease (Clinical/Basic)

座長:

藤田 博 (京都第二赤十字病院 循環器内科)

古賀 聖士 (長崎大学 循環器内科)

- PJ026-1 Role of Endogenous H<sub>2</sub>O<sub>2</sub>-mediated Vasodilatation of Coronary Microvessels during Reactive Hyperemia in Dogs in Vivo: An Infrared Fluorescence Microscopic Study**  
矢田 豊隆 (川崎医科大学 生化学)
- PJ026-2 Assessment of Intra- and Inter-rater Reliability of Quantitative Flow Ratio by Intracoronary Correlation Coefficients**  
石原 隆行 (関西労災病院 循環器内科)
- PJ026-3 Clinical Applicability of Quantitative Flow Ratio for Instant Evaluation of Myocardial Ischemia: Comparison with iFR, Including On-site Analysis**  
渡会 昌広 (荻窪病院 循環器内科)
- PJ026-4 Relationship between Intracoronary Pressure Measurements and Cardiac Hemodynamic Parameters at Coronary Artery Disease**  
板倉 良輔 (東京慈恵会医科大学 循環器内科)
- PJ026-5 Differential Characteristics of Coronary Artery Disease Complexity, Biomarkers and Prognosis between Critical Limb Ischemia and Intermittent Claudication**  
田代 燦 (横須賀共済病院循環器センター 内科)
- PJ026-6 Feasibility of Combined Analysis of Epicardial and Microcirculatory Involvement in Coronary Artery Disease Using Pressure Wire and TIMI Frame Count**  
清水 悠輝 (横須賀共済病院循環器センター 内科)
- PJ026-7 Decreased Serum Albumin Level Predicts Intracranial Bleeding Events in Patients after Percutaneous Coronary Intervention**  
赤間 浄 (心臓血管研究所 循環器科)

## ポスターセッション（日本語）27 (CAD)

3月29日(金) 15:30-16:20

展示ホール

### Coronary Revascularization/PCI (DES) 3

座長:

尾畑 純栄 (山梨大学 循環器・呼吸器内科)

粟田 政樹 (国立病院機構大阪医療センター 循環器内科)

- PJ027-1 Clinical Impact of Stented Segment Length on Clinical Outcomes in the 2nd DES Era**  
渡辺 大基 (日本赤十字社和歌山医療センター 循環器内科)
- PJ027-2 Five-year Clinical Outcomes of Everolimus-Eluting Stent Implantation in Patients on Hemodialysis**  
為清 博道 (土谷総合病院 循環器内科)
- PJ027-3 Predictors of Intermediate-Term Incidence of Uncovered Strut after 2nd and 3rd Generation Everolimus-Eluting Stents Implantation: Optical Coherence Tomographic Study**  
柳川 恭佑 (大阪労災病院)
- PJ027-4 Seven-year Outcomes and Identification of Prognostic Predictors after Coronary Revascularization with Everolimus-eluting Stent (EES) in Comparison with Sirolimus-eluting Stent (SES)**  
東方 利徳 (小松市民病院 循環器内科)
- PJ027-5 Clinical Effectiveness of Smallest and Longest DES (2.25mm x >30mm) to Treat Diffuse Small Vessels CAD Lesions**  
田口 重文 (千葉西総合病院心臓センター 循環器科)
- PJ027-6 Unique Stent Design with Continuous Cobalt Wire can Avoid Protrusions Immediately after Percutaneous Coronary Intervention Compared with Classical Tubed Stent**  
中村 大輔 (大阪労災病院)
- PJ027-7 Optical Coherence Tomographic Analysis of In-stent Neoatherosclerosis in Lesions with Restenosis after Drug-eluting Stent Implantation**  
矢野 秀樹 (獨協医科大学 循環器内科)

## ポスターセッション（日本語）28 (CAD)

3月29日(金) 15:30-16:20

展示ホール

### Intravascular Imagings 1

座長:

角田 恒和 (土浦協同病院 循環器内科)  
松尾 好記 (和歌山県立医科大学 循環器内科)

- PJ028-1 Cut-off Value of Stent-vessel Distance on Resolution of Acute Incomplete Stent-apposition at One-month after CoCr-EES Implantation**  
小田 英人 (岩手医科大学 循環器・腎・内分泌内科)
- PJ028-2 The Association of Lipidic Atheroma with Coronary Physiological Measures: Findings from Near-infrared Spectroscopy and Fractional Flow Reserve Analysis**  
邑井 洸太 (国立循環器病研究センター 心臓血管内科)
- PJ028-3 Prevalence of Healed Coronary Plaques in Non-Culprit Lesions of Acute Coronary Syndrome and Stable Coronary Lesions**  
仁井田 崇志 (東京医科歯科大学 循環制御内科学)
- PJ028-4 Difference between Coronary Angioscopy and Optical Coherence Tomography in the Assessment of Neointimal Findings at Follow-up after Stent Implantation**  
仲村 太一 (東京医科歯科大学 循環制御内科学)
- PJ028-5 Comparison between Coronary Plaque OCT Characteristics and Histopathology Obtained by Directional Coronary Atherectomy in Patients with Stable Angina**  
岡本 公志 (川崎医科大学 循環器内科学)
- PJ028-6 Impact of Stent Size on The Cause of Recurrent Restenosis after Paclitaxel-Coated Balloon Angioplasty for Drug-eluting Stent Restenosis**  
三浦 勝也 (倉敷中央病院 循環器内科)
- PJ028-7 Investigation of Potential Predictors of Irregular Protrusion Following Cobalt Chromium Everolimus-eluting Stent Implantation in Patients with Stable Coronary Artery Disease**  
田口 裕哉 (岩手医科大学 内科学講座 循環器内科分野)

## ポスターセッション（日本語）29 (CAD)

3月29日(金) 15:30-16:20

展示ホール

### Intravascular Imagings 2

座長:

岡山 英樹 (愛媛県立中央病院 循環器病センター)  
田中 篤 (和歌山県立医科大学 循環器内科)

- PJ029-1 Association between Elevated Type-1 Matrix Metalloproteinase and In-stent Yellow Plaque after Drug-eluting Stent Implantation in Patients with Old Myocardial Infarction**  
石田 健太郎 (福井大学 循環器内科学)
- PJ029-2 Clinical Importance of LDL/Apolipoprotein B Ratio as the Prediction for Neointimal Formation after Everolimus-eluting Stent Implantation**  
阿久津 尚孝 (日本大学板橋病院 内科学系循環器内科分野)
- PJ029-3 Achilles Tendon Thickness is Associated with Lipid Core Volume of Coronary Plaques in Patients with Coronary Artery Disease**  
野間 さつき (日本医科大学 循環器内科)
- PJ029-4 Greater Coronary Lipid Plaque Assessed by Near-infrared Spectroscopy Intravascular Ultrasound in Patients with Elevated Xanthine Oxidoreductase**  
盛 直人 (千葉大学 循環器内科学)
- PJ029-5 Relationship between Myocardial Bridging and Chronic Total Occlusions of the LAD Assessed by Combined MDCT and IVUS**  
山本 明和 (昭和大学横浜市北部病院 循環器内科)
- PJ029-6 Intravascular Ultrasound Assessment of Frequency and Distribution of Calcified Nodule in Native Coronary Arteries for Patients Undergoing Hemodialysis**  
坂東 和典 (関西医科大学 第2内科)
- PJ029-7 Which Factors can Predict Target Lesion Failure after Optical Coherence Tomography Guided PCI?**  
松廣 裕 (大阪労災病院 循環器内科)

March  
29  
PM

## ポスターセッション（日本語）30 (A)

3月29日(金) 15:30-16:20

展示ホール

### CRT/ICD, Procedure

座長:

佐々木 真吾 (弘前大学 循環器腎臓内科)

嶋根 章 (兵庫県立姫路循環器病センター 循環器内科)

- PJ030-1 Impact of Contrast Media Use during Cardiac Resynchronization Therapy Implantation for Renal Dysfunction**  
中野 惠美 (株式会社日立製作所 日立総合病院 循環器内科)
- PJ030-2 Cardiac Dyssynchrony Estimated by Phase Analysis Has a Stronger Correlation with QRS Morphology than QRS Duration on Electrocardiography**  
坂谷 知彦 (京都第二赤十字病院 循環器内科)
- PJ030-3 Postprocedural Bleeding Risk of Continuous Multi-antithrombotic Therapy during Implantation of Cardiac Implantable Electronic Devices**  
寺崎 智志 (国立循環器病研究センター 心臓血管内科)
- PJ030-4 Safety and Efficacy of 2-incision Approach for Implantation of the Subcutaneous Implantable Cardioverter Defibrillator**  
稲村 幸洋 (さいたま赤十字病院 循環器内科)
- PJ030-5 Relationship between Pattern of Cardiac Conduction Disorder and Electrical Remodeling by Cardiac Resynchronization Therapy**  
小林 秀樹 (信州大学 循環器内科学)
- PJ030-6 Impact of Myocardial Bridge on Life-Threatening Ventricular Arrhythmia in Patients with Implantable Cardioverter Defibrillator**  
岡田 興造 (横浜市立大学市民総合医療センター 心臓血管センター)
- PJ030-7 Comparative Study of Multipoint Pacing Type of CRT (MPP) with a Standard Biventricular CRT in a Total of 125 Cases**  
新田 正光 (千葉西総合病院心臓センター 循環器科)

## ポスターセッション（日本語）31 (A)

3月29日(金) 15:30-16:20

展示ホール

### Leadless Pacemaker

座長:

川村 比呂志 (岡山ハートクリニック 循環器科)

荷見 映理子 (東京大学 循環器内科)

- PJ031-1 Angle of the Tines before the Tug Test Predicts Engagement of the Tines in MICRA Leadless Pacemaker Implantation**  
水上 暁 (亀田総合病院 循環器内科)
- PJ031-2 Impact of the Pre-procedural Evaluation of the Right Ventricular Septal Location on the Difficulty of Leadless Pacemaker Implantation**  
久佐 茂樹 (土浦協同病院 循環器内科)
- PJ031-3 Clinical Features of Elderly Patients Implanted with a Leadless Pacemaker: Results from Two High Volume Institutes**  
柳下 大悟 (東京女子医科大学 循環器内科学)
- PJ031-4 Patient Backgrounds and Clinical Outcomes of Leadless Pacemakers in Two High Volume Centers: Comparative Study with Conventional Pacemakers**  
正印 航 (信州大学 循環器内科)
- PJ031-5 Algorithms for Minimizing Right Ventricular Pacing in Patients with Atrioventricular Block after Transcatheter Aortic Valve Replacement**  
和田 暢 (国立循環器病研究センター 心臓血管内科)
- PJ031-6 Permanent Pacemaker Dependency Following Transcatheter Aortic Valve Implantation**  
長谷川 新 (名古屋徳洲会総合病院 循環器内科)
- PJ031-7 Incidence and Predictors of Cardiac Pacemaker Implantation after Transcatheter Aortic Valve Implantation**  
野村 佳広 (藤田医科大学 循環器内科)

## ポスターセッション（日本語）32 (A)

3月29日(金) 15:30-16:20

展示ホール

### AF, Predictors 1

座長:

桶谷 直也 (鹿児島市立病院)

渡辺 則和 (昭和大 循環器内科)

**PJ032-1 One-year Success Rate of Ablation of Non-paroxysmal Atrial Fibrillation in Hypertrophic Cardiomyopathy Patients with a Large Left Atrium**

石村 昌之 (君津中央病院 循環器内科)

**PJ032-2 Right Atrial Low Voltage Zone as a Novel Predictor of Sinus Node Dysfunction in Patients with Non-paroxysmal Atrial Fibrillation**

近藤 健人 (広島ハートセンター・広島心臓血管クリニック 循環器内科)

**PJ032-3 Novel Score to Predict Very Late Recurrence of Atrial Fibrillation after Successful Atrial Fibrillation Catheter Ablation > 12 Months**

江神 康之 (大阪労災病院 循環器内科)

**PJ032-4 Comprehensive Simplified Left Atrial Approach for Predicting Recurrence of Atrial Fibrillation Following Pulmonary Vein Isolation in Patients with Atrial Fibrillation**

曾我 文隆 (神戸大学 循環器内科学)

**PJ032-5 A Prospective, Randomized Comparison of Clinical Outcomes between Left Atrial Circumferential Ablation and Box Ablation for Paroxysmal Atrial Fibrillation**

小野 盛夫 (昭和大 横浜市北部病院 循環器内科)

**PJ032-6 Premature Atrial Contraction Burden is a Strong Predictor of Recurrence in Long-term Follow-up after Catheter Ablation for Atrial Fibrillation**

井上 裕之 (桜橋渡辺病院)

**PJ032-7 Different Impacts of Right and Left Atrial Epicardial Adipose Tissue on Inflammatory Response and Atrial Remodeling in Atrial Fibrillation**

武田 淳 (藤田医科大学 臨床検査部)

## ポスターセッション（日本語）33 (A)

3月29日(金) 15:30-16:20

展示ホール

### AF, Predictors 2

座長:

吉田 明弘 (北播磨総合医療センター 循環器内科)

山口 善央 (福井循環器病院 循環器内科)

**PJ033-1 Predominant Enlargement of the Left Atrial Inferior Area Predicts Clinical Outcomes after Pulmonary Vein Isolation of Long-standing Persistent Atrial Fibrillation**

佐々木 健人 (群馬県立心臓血管センター 循環器内科)

**PJ033-2 Which Parameters can Predict Late Recurrence after Pulmonary Vein Isolation in Atrial Fibrillation Patients with Mitral Regurgitation**

矢野 正道 (大阪労災病院 循環器内科)

**PJ033-3 Association between Patient-reported Atrial Fibrillation Frequency and Efficacy of Catheter Ablation Therapy**

藤澤 大志 (慶應義塾大学 循環器内科)

**PJ033-4 Validity of Ablation Index Values for Electrical Reconnection at Pulmonary Vein Isolation by Radiofrequency Catheter Ablation**

網屋 亮平 (大阪警察病院 循環器内科)

**PJ033-5 Impact of Pulmonary Hypertension on Arrhythmia Recurrence after the Catheter Ablation for Paroxysmal Atrial Fibrillation: A Propensity Score-Matched Analysis**

山口 純司 (武蔵野赤十字病院 循環器科)

**PJ033-6 Morphological Characteristics of Atrial Functional Mitral Regurgitation in Patients with Atrial Fibrillation**

長岡 和宏 (九州大学 循環器内科学)

**PJ033-7 The Effect of Maintenance of Sinus Rhythm after Catheter Ablation on Renal Function in Patients with Atrial Fibrillation**

古川 善郎 (大阪急性期・総合医療センター 心臓内科)

March  
29  
PM

## ポスターセッション（日本語）34 (HF/CM)

3月29日(金) 15:30-16:20

展示ホール

### Heart Failure Biomarker 2

座長:

説田 浩一 (がん・感染症センター都立駒込病院 循環器内科・臨床検査科)

菅原 養厚 (JCHOさいたま北部医療センター 循環器内科)

- PJ034-1 Prognostic Value of Cardio-renal Anemia Syndrome in Acute Decompensated Heart Failure with Reduced, Mid-range and Preserved LVEF: A Prospective Study**  
中村 淳 (大阪府立急性期・総合医療センター 心臓内科)
- PJ034-2 Decrease in Fibrosis-4 Index is Associated with Decrease in NT-proBNP in Patients with Acute Heart Failure**  
山田 隆史 (国立病院機構岩国医療センター 循環器内科)
- PJ034-3 Predictive Performance of Heart Failure Exacerbation with Home Tele-monitoring of Respiratory Stability Time: Results of Long-term Tele-medical Management**  
迫田 実香 (大阪大学 心臓血管外科学)
- PJ034-4 Prognostic Significance of Low Serum Chloride and Its Hospitalized Transition in Patients with Acute Decompensated of Heart Failure**  
蓬萊 亮斗 (大阪医科大学 循環器内科)
- PJ034-5 Differential Impact of BNP and NTproBNP on Cardiovascular Outcomes in Obese and Non-obese Japanese Populations: The J-HOP Study**  
脇 広昂 (自治医科大学 内科学講座循環器内科学部門)
- PJ034-6 Superior Predictability of proANP Level on Admission for Clinical Outcomes in Acute Heart Failure Patients: Comparison with proBNP and BNP**  
高濱 博幸 (国立循環器病研究センター 心臓血管内科)
- PJ034-7 Apolipoprotein A-1 is a Candidate of Novel Biomarkers of Takayasu Arteritis**  
田村 夏子 (東京医科歯科大学 循環制御内科学)

## ポスターセッション（日本語）35 (HF/CM)

3月29日(金) 15:30-16:20

展示ホール

### Heart Failure Diagnosis 1

座長:

八木 博 (獨協医科大学 循環器・腎臓内科)

宮本 昌一 (協立病院 循環器内科)

- PJ035-1 Increase in Myocardial Glucose Uptake in the DCM Patients with Diabetes Mellitus Evaluated by FDG-PET Study**  
飛梅 淳 (香川大学 循環器・腎臓・脳卒中内科)
- PJ035-2 Incremental Prognostic Value of Plasma Volume Status and I-123 MIBG Imaging in ADHF Patients with Reduced or Preserved LVEF**  
玉置 俊介 (大阪急性期・総合医療センター 心臓内科)
- PJ035-3 Patient Characteristics of Heart Failure with Mid-range Ejection Fraction**  
有村 忠聴 (福岡大学 循環器内科)
- PJ035-4 Prognostic Impact of Acute Heart Failure Complicating Atrial Fibrillation**  
池田 礼史 (埼玉医科大学国際医療センター 心臓内科)
- PJ035-5 Increase in Left Ventricular End-diastolic Pressure after Left Ventriculography is Associated with an Occurrence of Subsequent Congestive Heart Failure Hospitalization**  
石橋 直樹 (北茨城市民病院 内科)
- PJ035-6 The Long-term Prognosis of Non-ischemic Heart Failure with Recovered Ejection Fraction and Positive Late Gadolinium Enhancement Examined by CMR**  
金森 範夫 (市立島田市民病院 循環器内科)
- PJ035-7 VE vs VCO2 Slope is the Predictor of the Mortality and Cardiovascular Hospitalizations in Japanese Aged Patients with TAVR**  
村田 誠 (群馬県立心臓血管センター)

## ポスターセッション（日本語）36 (HF/CM)

3月29日(金) 15:30-16:20

展示ホール

### Heart Failure Non Pharmacology 1

座長:

名村 正伸 (心臓血管センター金沢循環器病院 循環器科)

白壁 章宏 (日本医科大学千葉北総病院 集中治療室)

**PJ036-1 Clinical Impact of Multiple Frailties on Prognosis in Elderly Patients with Acute Decompensated Heart Failure: AURORA Study**

田中 彰博 (大阪労災病院 循環器内科)

**PJ036-2 Risk Stratification of Rehospitalization for Heart Failure in Discharged Patients: Report from Kurashiki Central Hospital Acute Heart Failure (KCH-AHF) Registry**

川瀬 裕一 (倉敷中央病院 循環器内科)

**PJ036-3 The Regional Disparities in Guideline Adherence in the Treatment of Chronic Heart Failure in Niigata Prefecture**

松尾 佑治 (新潟県立十日町病院 内科)

**PJ036-4 Features of HFpEF Migrating to HFmrEF or HFrEF from the JASPER Registry**

上田 友哉 (奈良県立医科大学 循環器内科)

**PJ036-5 Impact of Sustained New-onset Atrial Fibrillation in Patients with Acute Heart Failure**

橋 伸一 (亀田総合病院 循環器内科)

**PJ036-6 Incidence, Predictors, and Prognosis of Atrial Fibrillation in Patients with Heart Failure with Preserved Ejection Fraction**

土肥 智晴 (大阪大学 循環器内科学)

**PJ036-7 Impact of Comorbidities on the Predictive Value of Cardiac MIBG Imaging in Acute Decompensated Heart Failure: A Prospective Comparative Study**

香山 京美 (大阪急性期総合医療センター)

## ポスターセッション（日本語）37 (HF/CM)

3月29日(金) 15:30-16:20

展示ホール

### Heart Failure Non Pharmacology 2

座長:

宮本 貴庸 (三楽病院 循環器内科)

西村 和久 (愛媛大学 循環器呼吸器腎高血圧内科)

**PJ037-1 Supplemental Oxygen in Normoxemic Patients on Acute Heart Failure Increase WRF (Worsening Renal Function) and Heart Failure Readmission**

渡辺 清孝 (JA三重厚生連鈴鹿中央総合病院 循環器内科)

**PJ037-2 Impact of Non-invasive Positive Pressure Ventilation on Short-term Outcome for Patients with Acute Decompensated Heart Failure**

雪野 碧 (防衛医科大学校 第一内科)

**PJ037-3 Left Ventricular Hypertrophy and Cognitive Impairment in the Elderly with Heart Failure: Is Left Atrium Remodeling a Mediator?**

竹内 誠 (広島市立安佐市民病院 循環器科)

**PJ037-4 Prognostic Significance of Anemia in Elderly Patients with Heart Failure with Preserved Ejection Fraction from CURE-HF Registry**

神崎 佑介 (長野県厚生連篠ノ井総合病院 循環器科)

**PJ037-5 The Investigation of Hospitalization Period and Medical Cost for Heart Failure with or without Atrial Fibrillation: From Toho Ohashi Database**

中村 啓二郎 (東邦大学医療センター大橋病院 循環器内科)

**PJ037-6 Percutaneous Pulmonary Vein Isolation for Atrial Fibrillation in Elderly Patients can Prevent Patients from Cardiovascular-related Hospitalization**

池田 尚子 (昭和大学江東豊洲病院循環器センター 循環器内科)

**PJ037-7 Plasma Renin Activity and Tolvaptan in Heart Failure with Diuretic Resistance and Renal Impairment: A Subanalysis of the K-STAR**

大木 卓巳 (北里大学 循環器内科学)

March  
29  
PM

## ポスターセッション（日本語）38 (HF/CM)

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3月29日(金) 15:30-16:20

展示ホール

### Heart Failure Non Pharmacology 3

座長:

日浅 豪 (愛媛県立中央病院 循環器内科)

森田 英晃 (大阪医科大学 循環器内科)

- PJ038-1 Evaluation of at-home End-of-life Care for Advanced Heart Failure Patients, from the Perspective of Bereaved Family Members**  
神谷 仁孝 (神谷内科整形外科)
- PJ038-2 Clinical Impact of Window-side Bed on Delirium in Heart Failure Patients**  
奈良 有悟 (東京警察病院循環器センター)
- PJ038-3 HFpEF Directly Defines the Progression of Abnormal Brain Aging: A Prospective Study of Young-old Hypertensive Patients**  
野本 憲一郎 (国立長寿医療研究センター 循環器内科)
- PJ038-4 Daily Fluid Restriction Exerts Prognostic Benefits in Rats with Chronic Heart Failure**  
鄭 燦 (国立循環器病研究センター研究所 循環動態機能部)
- PJ038-5 The Ego States Interfere with Self-care Behavior Change in Patients with Heart Failure**  
柳原 清孝 (鳥取大学 病態情報内科学)
- PJ038-6 Factors Correlating with Improvement of Left Ventricular Ejection Fraction in Acute Heart Failure Patients with Mid-range Ejection Fraction: AURORA Study**  
柳川 恭佑 (大阪労災病院)
- PJ038-7 Infective Endocarditis with Mitral Annular Calcification in an Elderly Population who Underwent Postmortem Autopsy**  
大川 庭熙 (東京都健康長寿医療センター 循環器内科)

## ポスターセッション（日本語）39 (VD/RF)

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3月29日(金) 15:30-16:20

展示ホール

### Hypertension/Kidney

座長:

北村 和雄 (宮崎大学 内科学講座 循環体液制御学分野)

吉田 守美子 (徳島大学 血液・内分泌代謝内科学)

- PJ039-1 Left Atrial Structural Remodeling and Functional Impairment in Hypertensive Heart Diseases Assessed by Speckle Tracking Echocardiography**  
堀尾 俊太郎 (岐阜県総合医療センター 循環器内科)
- PJ039-2 Clinical Impact of Hemorheology Assessed by the Microchannel Method on High-sensitivity Cardiac Troponin T in Patients with Hypertension**  
櫃本 孝志 (ひつもと内科循環器科医院)
- PJ039-3 Prognostic Impact of In-hospital Blood Pressure Variability and Arterial Stiffness in Patients with Coronary Artery Disease**  
齋藤 寛 (千葉大学 循環器内科学)
- PJ039-4 Renal Fibrosis is Attenuated in Transferrin Receptor 1 Heterozygous Deleted Mice via Suppression of Oxidative Stress**  
康村 誠希 (兵庫医科大学 循環器内科学)
- PJ039-5 Infarct Size-limiting Effect of Continuous Erythropoietin Receptor Activator in Chronic Kidney Disease is Eliminated by Use of Its Excessive Dose**  
佐藤 達也 (札幌医科大学 循環器・腎臓・代謝内分泌内科学講座)
- PJ039-6 Assessment of Abdominal Aortic Calcification for Prediction of Left Ventricular Stiffness and Prognosis in Pre-dialysis Patients with Chronic Kidney Disease**  
古澤 健司 (名古屋大学 循環器内科学)
- PJ039-7 Association between Sleep-disordered Breathing and Contrast-Induced Nephropathy in Patients with ST-Segment Elevation Myocardial Infarction**  
桐ヶ谷 仁 (横浜市立大学市民総合医療センター 横浜市立大学循環器・腎臓内科学教室)

ポスターセッション（日本語）40 (VD/RF)

3月29日(金) 15:30-16:20

展示ホール

**Obesity**

座長:

乙井 一典 (神戸大学 総合内科)  
守川 義信 (南奈良総合医療センター 循環器内科)

- PJ040-1 Relationship between Liver Fibrosis and Coronary Artery Disease in Japanese Patients with Nonalcoholic Fatty Liver Disease**  
宮川 和也 (高知大学 老年病・循環器内科)
- PJ040-2 Sarcopenic Obesity and Its Impact on Exercise Intolerance in the Patients with Acute Myocardial Infarction**  
浮田 康平 (大阪労災病院 循環器内科)
- PJ040-3 Gender Differences with Regard to Obesity Paradox in Clinical Outcomes after Percutaneous Coronary Intervention: FU-Registry**  
毛利 紀之 (福岡大学 心臓・血管内科学)
- PJ040-4 Reduced Carotid Arterial Thickness after Sleep Apnea Treatment Depends on Microcirculation in the Eye**  
高橋 真生 (東邦大学医療センター佐倉病院 内科学講座 循環器分野)
- PJ040-5 The Predictive Value of Minimum Saturation for Glucose Fluctuation in Patients with Sleep Disorder Breathing**  
徳江 政英 (東邦大学医療センター大橋病院 循環器内科)
- PJ040-6 Clinical and Cardiovascular Characteristics of Prader-Willi Syndrome in Adults**  
小林 さゆき (獨協医科大学埼玉医療センター 循環器内科)
- PJ040-7 Double Product can be Reduced by CPAP in Sleep Apnea Syndrome Patients**  
桜井 勇明 (名古屋市立東部医療センター 循環器内科)

ポスターセッション（日本語）41 (VD/RF)

3月29日(金) 15:30-16:20

展示ホール

**Smoking/Psycosomatic Medicine**

座長:

有川 拓男 (獨協医科大学 心臓・血管内科)  
加藤 祐子 (心臓血管研究所)

- PJ041-1 Glasgow Prognostic Score Predict the Clinical Outcomes in Critical Limb Ischemia with Tissue Loss after Endovascular Treatment**  
牧野 憲嗣 (済生会横浜市東部病院 循環器内科)
- PJ041-2 Heart Failure Patients with High Left Atrial Pressure may Have Difficulty in Sleep Initiation**  
網崎 良佑 (鳥取大学 病態情報内科学)
- PJ041-3 How Does the Volume of Alcohol Consumption Influence Organ Damage in Hypertensive Patients?: Assessment Using Ultrasonographic Parameters**  
寺川 宏樹 (JR広島病院 循環器内科)
- PJ041-4 Association of Passive Smoking Status to Endothelial Vascular Function among General Japanese Women**  
門田 文 (滋賀医科大学アジア疫学研究センター)
- PJ041-5 Psychological Stress Increases Vulnerability to High-fat Diet-induced Insulin Resistance by Enhancing Neutrophil Elastase Activity in Adipose Tissue**  
本山 晋一郎 (京都山城総合医療センター 循環器内科)
- PJ041-6 Impact of Severe Earthquake on the Occurrence of Acute Aortic Syndrome**  
小森田 貴史 (熊本労災病院 循環器内科)
- PJ041-7 Emotional Stress can be the Cause of Both Takotsubo Cardiomyopathy Onset and Its Chest Symptoms**  
伊藤 諒 (横浜市立みなと赤十字病院 循環器内科)

## ポスターセッション（日本語）42 (IMG)

3月29日(金) 15:30-16:20

展示ホール

### Echo Myocardium

座長:

神崎 裕美子 (大阪医科大学 内科学III教室・循環器内科)

鶴田 ひかる (慶應義塾大学 循環器内科)

- PJ042-1 Prognostic Implication of Relative Apical Sparing Pattern in Nonischemic Patients with Diffuse Left Ventricular Hypertrophy**  
齋藤 実 (喜多医師会病院 循環器内科)
- PJ042-2 Improvement of Left Ventricular Function by Amino Acid Replenishment in Hemodialysis Patients with Reduced Left Ventricular Ejection Fraction**  
西田 博毅 (国立病院機構大阪医療センター 循環器内科)
- PJ042-3 Left Ventricular Diastolic Function during the Normal Peripartum Period**  
木村 祐樹 (北野病院心臓センター)
- PJ042-4 Transitory Depression of Myocardial Function after Influenza Virus Infection in Apparently Healthy Subjects**  
伊藤 隆英 (大阪医科大学 循環器内科)
- PJ042-5 Influence of Coronary Artery Calcification on Left Ventricular Diastolic Dysfunction in Patients without History of Coronary Artery Disease**  
西田 博毅 (国立病院機構大阪医療センター 循環器内科)
- PJ042-6 Assessment of Fetal Cardiac Function Using 2D Speckle Tracking Echocardiography**  
武井 黄太 (長野県立こども病院 循環器小児科)
- PJ042-7 Early Detection of Subclinical Uremic Cardiomyopathy with Preserved Left Ventricular Ejection Fraction Using Layer-specific Quantification of Myocardial Deformation**  
尾原 義和 (高知医療センター 循環器内科)

## ポスターセッション（日本語）43 (O)

3月29日(金) 15:30-16:20

展示ホール

### Exercise Test/Cardiac Rehabilitation 2

座長:

富田 威 (北アルプス医療センターあづみ病院 循環器病センター)

野田 千春 (北里大学 循環器内科学)

- PJ043-1 Prognostic Usefulness and Determinants of Six-minute Walk Distance for Patients with Heart Failure with Preserved Ejection Fraction: From the PURSUIT-HFpEF Registry**  
山元 博義 (大阪みなと中央病院 内科)
- PJ043-2 Declining Physical Function during Perioperative Period Affects Prognosis in Patients Receiving Transcatheter Aortic Valve Implantation**  
足利 光平 (聖マリアンナ医科大学 循環器内科)
- PJ043-3 Effects of Branched Chain Amino Acid Supplementation on Exercise Training in Patients with Heart Failure**  
三間 渉 (信楽園病院 循環器内科)
- PJ043-4 Relationship between Cardiac Rehabilitation and Readmission within 30 Days in Hospitalized Old Patients with Heart Failure**  
山田 容子 (北里研究所病院 循環器内科)
- PJ043-5 Circulating MicroRNA-181c Levels are Associated with Cardiorespiratory Fitness in Patients after Myocardial Infarction**  
磯 良崇 (昭和大学スポーツ運動科学研究所 循環器内科)
- PJ043-6 Impacts of Isometric Handgrip Exercise on Hemodynamics and Left Ventricular Function in Heart Failure with Preserved Ejection Fraction**  
森脇 啓至 (三重大学 循環器・腎臓内科学)

ポスターセッション（日本語） 44 (BR)

3月29日(金) 15:30-16:20

展示ホール

Molecular Biology/Genetics/Myocardium/Vascular

座長:

廣井 透雄 (国立国際医療研究センター病院 循環器内科)

遠藤 育子 (日本医科大学多摩永山病院 内科循環器内科)

**PJ044-1 The Reprograming of Cardiac Specific Endothelial Cells for Cardiac Remodeling**

横山 真隆 (千葉大学 分子病態解析学)

**PJ044-2 Downregulation of HERPUD1 Exacerbates ER Stress- and Oxidative Stress-induced Mitochondrial Dysfunction and Cardiomyocyte Death**

池田 宗一郎 (九州大学 循環器内科)

**PJ044-3 Domain-phenotype Correlations in MFS: A Surgical Case of Type A Dissection Caused by a Novel Point Mutation in FBN1e2cb1 Domains**

神吉 佐智子 (大阪医科大学 胸部外科)

**PJ044-4 Vascular Function is Critically Regulated by Endothelial p53**

長澤 綾子 (新潟大学 呼吸循環外科学分野)

**PJ044-5 Cardiac Mitofusin-1 is Reduced in Non-ischemic Cardiomyopathy Patients Who Do not Respond to Medical Treatment**

若杉 嵩幸 (新潟大学 循環器分野)

**PJ044-6 Haploinsufficiency of Notch1 Accelerates Adipose Accumulation**

山口 和才 (名古屋大学 循環器内科学)

**PJ044-7 Carvedilol Suppresses Coronary Spasm in A-kinase Anchoring Protein 150 Knockout Mice: Its Novel Therapeutic Role in Coronary Spastic Angina**

成田 憲紀 (弘前大学 循環器・呼吸器・腎臓内科)

March  
29  
PM

## Young Investigator's Award for International Students Finalists Lectures

### 国際留学生 YIA 審査講演

March 29 (Fri) 13:50-15:50  
411+412, 4F, Conference Center

Chairperson:

Ichiro Shiojima (Cardiovascular Division, Department of Medicine II, Kansai Medical University, Hirakata)

- Cocoa Bean Polyphenols Inhibit Cardiac Hypertrophy and Dysfunction in Pressure Overload-induced Heart Failure Model**  
Nurmila Sari (University of Shizuoka, Shizuoka)
- Lymphangiogenesis Contributes the Ischemia Induced Angiogenesis in HLI via Clearance of Inflammation**  
Zhongyue Pu (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)
- Liraglutide Treatment Improves the Coronary Microcirculation in Zucker Obese Rats on High-salt Diet**  
Vijayakumar Sukumaran (National Cerebral and Cardiovascular Center Research Institute, Suita)
- Overexpression of Cytotoxic T-lymphocyte-associated antigen-4 (CTLA-4) Protects against Abdominal Aortic Aneurysm Formation in Mice**  
Hilman Zulkifli Amin (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- Uric Acid-induced Increases of Protein and Channel Activity of Atrial Kv1.5 via Akt-HSF1-Hsp70 Axis**  
Fikri Taufiq (Division of Regenerative Medicine and Therapeutics, Department of Genetic Medicine and Regenerative Therapeutics, Institute of Regenerative Medicine and Biofunction, Tottori University Graduate School of Medical Science, Yonago)

## Young Investigator's Award Finalists Lectures (Clinical Research)

### Young Investigator's Award Clinical Research 部門審査講演

March 29 (Fri) 16:00-18:00  
411+412, 4F, Conference Center

Chairperson:

Takeshi Kimura (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto)

- Comprehensive Evaluation of Coronary Functional Abnormalities in Patients with Chest Pain and Unobstructive Coronary Artery Disease**  
Akira Suda (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
- Artificial Intelligence to Predict Needs for Urgent Revascularization from 12-lead Electrocardiography in Emergency Patients**  
Shinichi Goto (Department of Cardiology, Keio University School of Medicine, Tokyo)
- Optimal Sampling in Derivation Studies Determines Performance of Heart Failure Prognostic Models**  
Naotsugu Iwakami (Department of Research Promotion and Management, National Cerebral and Cardiovascular Center, Suita)
- N-terminal Pro-B-type Natriuretic Peptide and Risk of Dementia in a General Japanese Elderly Population: The Hisayama Study**  
Takuya Nagata (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka)

## 日本循環器学会 委員会セッション (ガイドライン部会)

3月29日(金) 13:50-14:50  
会議センター 3階 [302]

ガイドラインに学ぶ2

2017-2018年度活動ガイドライン作成班報告

座長:

清水 渉 (日本医科大学 循環器内科)

- 心筋症診療ガイドライン (2018年改訂版)**  
日本循環器学会/日本心不全学会 合同ガイドライン  
北岡 裕章 (高知大学 老年病・循環器内科学)
- 不整脈非薬物治療ガイドライン (2018年改訂版)**  
日本循環器学会/日本不整脈心電学会 合同ガイドライン  
栗田 隆志 (近畿大学 心臓血管センター)  
野上 昭彦 (筑波大学 循環器不整脈学講座)

日本循環器学会 委員会セッション（学術集会プログラム部会）

3月29日（金） 16:30-18:00

サテライト会場

症例から学ぶガイドラインセミナー 1

【慢性冠動脈疾患診断ガイドライン（2018年改訂版）】

ガイドライン班長：

玉木 長良（京都府立医科大学 放射線医学教室）

症例提示：

楠瀬 賢也（徳島大学 循環器内科）

立石 恵実（国立循環器病研究センター 放射線部）

【急性冠症候群ガイドライン（2018年改訂版）】

ガイドライン班長：

木村 一雄（横浜市立大学市民総合医療センター 心臓血管センター）

症例提示：

塩野 泰紹（和歌山県立医科大学 循環器内科）

【冠動脈血行再建ガイドライン（2018年改訂版） 日本循環器学会/日本心臓血管外科学会 合同ガイドライン】

ガイドライン班長：

中村 正人（東邦大学医療センター大橋病院 循環器内科）

夜久 均（京都府立医科大学 心臓血管外科学）

症例提示：

藤井 敏晴（東海大学 循環器内科）

塩野 泰紹（和歌山県立医科大学 循環器内科）

March  
29  
PM

## 第9回コメディカル賞審査講演会 1

3月29日(金) 13:50-15:20

会議センター 3階「304」

看護・薬剤・リハ部門

座長:

網谷 英介 (東京大学 循環器内科)

前田 知子 (日本心臓血圧研究振興会榊原記念クリニック 検査科)

- CA1-1 うっ血性心不全急性増悪における嚥下障害合併は退院時アウトカムを悪化させる  
横田 純一 (東北大学 障害科学専攻 内部障害学分野)
- CA1-2 心臓リハビリテーションによる心不全の運動耐容能改善と心外膜脂肪減少の関連性  
岩崎 孝俊 (みなみ野循環器病院 リハビリテーション科)
- CA1-3 フレイル心不全患者における食欲低下には身体活動セルフエフィカシーと抑うつが関連する:多施設共同研究 (FLAGSHIP)  
足立 拓史 (名古屋大学 リハビリテーション療法学専攻)
- CA1-4 LVAD装着周術期における重症心不全患者の骨格筋機能回復経過に関する検討  
小林 聖典 (名古屋大学 リハビリテーション部)
- CA1-5 経カテーテル的大動脈弁置換術後の再入院率と因子に関する検討  
内藤 喜隆 (心臓病センター榊原病院 リハビリテーション室)
- CA1-6 冠動脈疾患患者のタイプDパーソナリティに関する研究—抑うつに対するコーピング方略の特性—  
山口 大輔 (信州大学 保健学科 看護学専攻)

## 第9回コメディカル賞審査講演会 2

3月29日(金) 16:30-18:00

会議センター 3階「304」

検査・治療部門

座長:

陣崎 雅弘 (慶應義塾大学 放射線科学)

岩永 史郎 (埼玉医科大学国際医療センター 心臓内科)

- CA2-1 カーフスリーブは下腿浮腫を軽減するか:表在エコー検査による検討  
鳥居 裕太 (徳島大学 超音波センター)
- CA2-2 心不全患者を対象とした急性期離床プログラムの開発と運用  
角谷 尚哉 (北海道大学 循環器病態内科学)
- CA2-3 カテコラミンの持続投与が必要な重症心不全患者の外泊支援における薬剤師の介入  
秋山 美紀 (JA長野厚生連 佐久総合病院佐久医療センター 薬剤部)
- CA2-4 心房細動による植込み型除細動器の不適切作動は予測できるのか?  
小野 仁 (千葉大学 臨床工学センター)
- CA2-5 肥大型心筋症における加算平均心電図は心不全イベントの予測に有用である  
富永 宗一竜 (高知大学 検査部)
- CA2-6 循環器領域における多施設線量調査  
林 利廣 (東京大学 放射線部)

## チーム医療セッション 教育講演 1 (VD/RF)

3月29日(金) 13:50-15:20

アネックスホール 2階「F203+F204」

禁煙と循環器疾患 ~循環器医療チームとしての取り組み~

座長:

海老名 俊明 (横浜市立大学 市民総合医療センター 臨床検査部)

眞茅 みゆき (北里大学 看護学部 看護システム学)

1. 喫煙が循環器疾患に及ぼす影響についての総論と循環器学会の取り組み  
田口 功 (獨協医科大学埼玉医療センター 循環器内科)
2. 禁煙支援・治療について—看護師からのアプローチ  
宮松 直美 (滋賀医科大学 臨床看護学講座 (成人看護学))
3. 禁煙支援・治療について—薬剤師からのアプローチ  
相澤 政明 (医療法人興生会 相模台病院 薬剤部)
4. 禁煙支援・治療について—臨床心理士からのアプローチ  
原田 隆之 (筑波大学 人間系)

## 5. 加熱式タバコの影響

田淵 貴大 (大阪国際がんセンター がん対策センター 疫学統計部)

## チーム医療セッション 教育講演 2 (VD/RF)

3月29日(金) 16:30-18:00

アネックスホール 2階 [F203+F204]

循環器患者に必要なフットケア

座長:

宮本 正章 (日本医科大学 循環器内科)

田中 優子 (横須賀市立うまわち病院)

1. 下肢末梢動脈疾患患者のフットケア  
辻 依子 (新須磨病院 形成外科・創傷治療センター)
2. 足病変の発生・再発予防のために知っておくべき足の機能異常や変形、靴の知識  
菊池 守 (下北沢病院)
3. 急性期における重症下肢病変のチーム管理  
高木 元 (日本医科大学 循環器内科)
4. 血行再建が必要な重症下肢虚血患者で留意すべき点  
大浦 紀彦 (杏林大学 形成外科)
5. 拝啓 循環器の先生方～透析病院に勤務する形成外科医の独り言～  
石井 義輝 (医療法人真鶴会 小倉第一病院 形成外科)

## チーム医療セッション シンポジウム 2

3月29日(金) 16:30-18:00

アネックスホール 2階 [F205+F206]

【日本循環器看護学会-日本循環器学会 ジョイントシンポジウム】

循環器疾患患者の在宅医療を考える

座長:

渡辺 徳 (北信総合病院 循環器内科)

仲村 直子 (神戸市立医療センター中央市民病院)

1. 医療機関から在宅医療を考える 医師の立場～地域密着型心不全レジストリから見えてくる生活背景と地域での取り組み～  
高林 健介 (枚方公済病院 循環器内科)
2. 医療機関から在宅医療を考える～看護師の立場～中規模病院における試み  
武田 真弓 (山梨勤労者医療協会 甲府共立診療所)
3. 北信州心不全地域連携パスから見えてきた在宅高齢心不全患者の課題とその生活を支える多職種協働の重要性  
長谷川 悟 (長谷川クリニック)
4. 在宅から循環器医療を考える 看護師の立場  
井上 久美子 (東神戸訪問看護ステーションあじさい)
5. 慢性心疾患患者の在宅療養における医療専門職の役割と課題  
眞茅 みゆき (北里大学 看護学部)

## チーム医療セッション 一般演題 (ポスター) 6

3月29日(金) 15:30-16:20

展示ホール

急性期看護 2

座長:

櫻木 晶子 (九州大学 保健学部門)

**CP06-1** CCUにおける循環器内科疾患患者の疼痛の実態と疼痛ケアプロトコル導入による効果

安野 美幸 (倉敷中央病院 CCU-C)

**CP06-2** RRS シートをを用いた病棟内の急変予防に対する取り組みの効果

谷口 夕佳 (大阪市立総合医療センター)

**CP06-3** 心臓カテーテル室の術中記録内に看護実践課程の記載を行うための試み—看護診断を取り入れた術中記録の改善—

秋元 ともみ (千葉市立青葉病院)

- CP06-4** ナラティブから振り返る終末期心不全患者の看護と課題—ICU から在宅療養へ移行した一事例を通して—  
永田 京子（岡村記念病院）
- CP06-5** 重症観察室者に対する多職種カンファレンスの効果と検討  
稲葉 雅美（済生会熊本病院 看護部）

### チーム医療セッション 一般演題（ポスター）7 (O)

3月29日(金) 15:30-16:20

展示ホール

運動負荷

座長:

合田 あゆみ（杏林大学 循環器内科）

- CP07-1** 心音を用いて非侵襲的に心大血管疾患患者の心収縮力を評価する手法の開発  
松田 拓朗（福岡大学 リハビリテーション部）
- CP07-2** 肺高血圧症患者の運動耐容能に影響を与える因子の検討  
岡村 正嗣（横浜市立大学 リハビリテーション科）
- CP07-3** CPX によりレートレスポンス設定に重要なパラメータが確認された 1 症例  
村上 秀崇（東京医科大学八王子医療センター 臨床工学部）
- CP07-4** 急性心筋梗塞患者における血管内皮機能と心肺運動負荷試験指標との関連性  
鈴木 大介（昭和大学藤が丘病院 臨床病理検査室）
- CP07-5** 呼気ガス分析を使用した身体運動負荷量評価の有用性  
河野 亨太（産業医科大学若松病院 リハビリテーション部）
- CP07-6** 強皮症における 6 分間歩行距離の規定因子：心エコー図法を用いた検討  
森田 沙瑛（徳島大学 超音波センター）
- CP07-7** 6 分間歩行負荷心エコー図検査による間質性肺疾患例の予後予測  
安井 謙司（札幌医科大学 検査部）

### チーム医療セッション 一般演題（ポスター）8 (IMG)

3月29日(金) 15:30-16:20

展示ホール

画像 2

座長:

鈴木 千尋（千葉メディカルセンター 臨床工学部）

- CP08-1** ステントランディングゾーンの選択における SyncVision の有用性  
松村 和也（済生会今治病院 臨床工学部）
- CP08-2** No Reflow を経験した症例に対して IVUS を用いた組織性状解析の報告  
小森田 翔（心臓病センター榊原病院）
- CP08-3** 当院における鎖骨下 PTA 治療の有用性検証  
青木 始（千葉西総合病院 臨床子学科）
- CP08-4** 透析患者の PCI における TLR についての比較検討  
林 貞治（千葉西総合病院）
- CP08-5** FILTRAP を用いた待機的 PCI の予後について  
金子 健二（千葉西総合病院 臨床工学部）
- CP08-6** FFR 及び CFR 測定による治療方針の決定が MACE に与える影響  
金澤 佑樹（千葉西総合病院 臨床工学部）

### チーム医療セッション 一般演題（ポスター）9 (IMG)

3月29日(金) 15:30-16:20

展示ホール

生理検査

座長:

八鍬 恒芳（東邦大学医療センター大森病院）

- CP09-1** 心臓ドック受診者における冠動脈石灰化スコアと頸動脈プラーク max IMT の関連性  
水上 広伸（CVIC心臓画像クリニック飯田橋）

- CP09-2** 心肺運動負荷 (CPX) 中の心収縮性変化の男女差—Wave Intensity (WI) を利用した力-収縮頻度関係 (FFR) による検討  
田中 みどり (姫路獨協大学 医療保健学部)
- CP09-3** 浅大腿動脈ステントグラフト実施症例に対する体表超音波を使用した血流評価の検討  
黒田 周也 (中村病院 画像情報センター)
- CP09-4** 経皮的下肢動脈形成術を施行した下肢潰瘍を有する透析患者の生命予後に関する検討  
小花 令奈 (岩槻南病院 検査科)
- CP09-5** 当院透析患者における ABI/PWV 検査と骨・ミネラル代謝異常の関係性  
小野寺 彩愛 (土別市立病院 診療技術部 診療検査室 生理検査科)
- CP09-6** 睡眠時無呼吸症候群患者における pulse-transit-time 血圧測定の有用性に関する検討  
新村 裕子 (福島県立医科大学 循環器内科学講座/福島県立医科大学 検査部)

## チーム医療セッション 一般演題 (ポスター) 10 (A)

3月29日(金) 15:30-16:20

展示ホール

不整脈デバイス 1

座長:

中川 孝太郎 (横浜栄共済病院 臨床工学科)

- CP10-1** 心臓デバイス (ICD、CRT-D、CRT-P) 植込み心不全患者の活動と睡眠の実態  
植村 優衣 (神戸大学 保健学研究科 看護学領域 博士前期課程)
- CP10-2** 当院における ICD 植え込み患者 30 症例の検討  
前林 寿弥 (神戸赤十字病院 医療技術部)
- CP10-3** 条件付き MRI 対応心臓植込みデバイスにおける MRI 撮像後データと遠隔モニタリングデータとの比較検討  
小林 成道 (名古屋市立大学 臨床工学会)
- CP10-4** リードスペースメーカー Micra と経静脈 VVI ベースメーカーの比較検討  
中島 修 (さいたま赤十字病院 臨床工学技術課)
- CP10-5** 植込み型除細動器の上室性頻脈認識機能 Wavelet の体動時における有用性  
祝迫 周平 (金沢大学 ME機器管理センター)
- CP10-6** 植込みデバイスにおける胸郭インピーダンス測定機能は心不全管理に有効か  
西田 純士 (広島市立安佐市民病院 MEセンター)
- CP10-7** 心臓ペースメーカーにおいて一過性 Pacing・Sensing 不全を呈した一例  
広瀬 卓哉 (KKR高松病院 臨床工学科)

## Coffee Break Seminar 1

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3月29日(金) 15:30-16:20  
会議センター 3階「301」

見えてきた自己拡張型 TAVI デバイスの実力

座長:

森野 禎浩 (岩手医科大学 内科学講座 循環器内科分野)

桃原 哲也 (川崎幸病院 循環器内科 心臓病センター)

共催: 日本メドトロニック株式会社

## Coffee Break Seminar 2

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3月29日(金) 15:30-16:20  
会議センター 3階「302」

肺高血圧を合併した成人先天性心疾患に対する Treat and Repair の可能性

座長:

渡邊 裕司 (浜松医科大学)

赤木 禎治 (岡山大学 循環器内科)

共催: ファイザー株式会社

## Coffee Break Seminar 3

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3月29日(金) 15:30-16:20  
会議センター 3階「303」

潜在性脳梗塞と卵円孔開閉: Brain Heart Team で取り組む二次予防

座長:

中尾 浩一 (済生会熊本病院)

### 1. 潜在性脳梗塞と卵円孔開閉

橋本 洋一郎 (熊本市民病院)

### 2. 経皮的卵円孔開閉閉鎖術~カテーテルで脳梗塞予防はどこまで可能か?~

原 英彦 (東邦大学医療センター大橋病院)

共催: アボットメディカルジャパン株式会社

## Coffee Break Seminar 4

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3月29日(金) 15:30-16:20  
会議センター 3階「304」

肺動脈性肺高血圧症 up to data—最新ガイドラインから実臨床における治療戦略まで—

座長:

波多野 将 (東京大学 重症心不全治療開発講座)

### 1. ニース会議での討議内容から紐解く肺高血圧症ガイドラインの活かし方

木岡 秀隆 (大阪大学 循環器内科学)

### 2. 実例に基づく最新の PAH 治療戦略

足立 史郎 (名古屋大学 循環器内科)

共催: グラクソ・スミスクライン株式会社

## Coffee Break Seminar 5

3月29日(金) 15:30-16:20  
会議センター 3階 [315]

### The Lipid Rich Plaque (LRP) study. A Premise to Individualized Secondary Prevention in CAD.

座長:

上田 恭敬 (国立病院機構大阪医療センター 循環器内科)

久保 隆史 (和歌山県立医科大学 循環器内科)

Carlo Di Mario (University Hospital Careggi, Italy)

共催: ニプロ株式会社

## Coffee Break Seminar 6

3月29日(金) 15:30-16:20  
会議センター 5階 [501]

### 大きく変わった高安静脈炎の内科治療と血管治療

座長:

中岡 良和 (国立循環器病研究センター研究所 血管生理学部)

磯部 光章 (日本心臓血圧研究振興会 榊原記念病院 / 東京医科歯科大学)

共催: 中外製薬株式会社

## Coffee Break Seminar 7

3月29日(金) 15:30-16:20  
会議センター 5階 [502]

### 左室補助人工心臓装着時の抗凝固療法の実際と課題

座長:

小野 稔 (東京大学 心臓外科)

齋木 佳克 (東北大学 心臓血管外科)

共催: エーザイ株式会社/積水メディカル株式会社

## Coffee Break Seminar 8

3月29日(金) 15:30-16:20  
会議センター 5階 [503]

### Treatment Strategy for CTEPH

座長:

田邊 信宏 (千葉大学 呼吸器内科学)

松原 広己 (国立病院機構岡山医療センター 臨床研究部)

共催: バイエル薬品株式会社

## Coffee Break Seminar 9

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3月29日(金) 15:30-16:20  
アネックスホール 2階 [F201+F202]

**TAVI時代における SAVR の進歩**

座長:

泉 知里 (国立循環器病研究センター)

藤田 知之 (国立循環器病研究センター)

共催: エドワーズライフサイエンス株式会社

## Fireside Seminar 1

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3月29日(金) 18:10-19:10  
会議センター 3階 [311+312]

**The pathophysiology and treatment of pulmonary veno-occlusive disease / pulmonary capillary hemangiomatosis**

座長:

松原 広己 (国立病院機構岡山医療センター 臨床研究部)

Marc Humbert (Faculty of Medicine, University of South Paris, University Paris-Saclay, France/INSERM UMR\_S 999, France/  
Service de Pneumologie, Hôpital de Bicêtre, Assistance Publique-Hôpitaux de Paris, Le Kremlin-Bicêtre, France)

共催: 日本新薬株式会社

## Fireside Seminar 2

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3月29日(金) 18:10-19:10  
会議センター 3階 [313+314]

「オトのチカラ ヒカリのチカラ」-複雑病変に対する Imaging を活用した Optimal PCI を考える-

座長:

本江 純子 (菊名記念病院)

日比 潔 (横浜市立大学市民総合医療センター)

### 1. Expectation of High Definition Intracoronary Ultrasound

小山 幸平 (杏林大学)

### 2. Coronary Artery Calcification and OFDI/OCT

樋熊 拓未 (聖マリアンナ医科大学)

共催: テルモ株式会社

## Fireside Seminar 3

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3月29日(金) 18:10-19:10  
会議センター 3階 [303]

循環器症状を伴う末梢神経障害疾患 TTR-FAP を見逃さない

座長:

山本 一博 (鳥取大学 病態情報内科学)

安東 由喜雄 (熊本大学 生命科学研究所 脳神経内科学分野)

共催: ファイザー株式会社

March  
29  
PM

## Fireside Seminar 4

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3月29日(金) 18:10-19:10

会議センター 5階 [501]

心不全うっ血治療について、いまわかっていること

座長:

安斉 俊久 (北海道大学 循環病態内科学教室)

絹川 弘一郎 (富山大学 内科学第二講座)

共催: 大塚製薬株式会社

## Fireside Seminar 5

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3月29日(金) 18:10-19:10

会議センター 5階 [502]

心不全パンデミックが迫っている中、今一度、hATTR アミロイドーシスについて考える!

座長:

南野 哲男 (香川大学 循環器・腎臓・脳卒中内科学)

植田 光晴 (熊本大学 生命科学研究部 脳神経内科学分野)

共催: Alnylam Japan 株式会社