

## Special Lecture 1 特別講演 1

March 29 (Fri) 9 : 40—10 : 25

502, 5F, Conference Center

Chairperson :

Keiichi Fukuda (Department of Cardiology, Keio University School of Medicine, Tokyo)

### Pulmonary Venous Occlusive Disease

Marc Humbert (University of South Paris, Le Kremlin-Bicetre, France)

## Special Lecture 2 特別講演 2

March 29 (Fri) 10 : 25—11 : 10

502, 5F, Conference Center

Chairperson :

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

### Aging and Organ Regeneration

Juan Carlos Izpisua Belmonte (Salk Institute for Biological Studies, USA)

## Plenary Session 1 (VD/RF)

March 29 (Fri) 8 : 00—9 : 30

Main Hall, 1F, Conference Center

### Atherosclerosis Visualization: Pathological and Diagnostic Imaging Approaches

Chairpersons :

Myron I. Cybulsky (Toronto General Hospital Research Institute, UHN, Canada)

Yujiro Asada (Department of Pathology, University of Miyazaki, Miyazaki)

#### State-of-the-Art :

#### 1. Imaging Approaches Provide New Insights into the Initiation of Experimental Atherosclerotic Lesion Formation

Myron I. Cybulsky (Toronto General Hospital Research Institute, University Health Network, Canada)

#### 2. Visualization of Thin-cap Fibroatheroma and Quantification of Macrophage Presence by Optical Coherence Tomography, Intravascular Ultrasound, and Angioscopy: Histopathological Validation Study

Kenichi Fujii (Department of Medicine II, Kansai Medical University, Hirakata)

#### 3. Usefulness of Novel Optical Coherence Tomography Technologies to Visualize Coronary Atherosclerotic Lesions in Patients with Coronary Artery Disease

Kensuke Nishimiya (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai/  
Wellman Center for Photomedicine, Harvard Medical School and Massachusetts General Hospital, USA)

#### 4. Coronary Plaque Imaging with Intravascular Polarimetry: A Novel Endogenous Contrast Mechanism for Optical Frequency Domain Imaging

Kenichiro Otsuka (Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School, USA)

#### 5. Tissue Characterization of High-risk Coronary Plaque Detected on Non-invasive Magnetic Resonance Imaging: Comparison with Histological Findings and Their Fundamental Roles

Yasuhide Asaumi (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

## Plenary Session 2 (VD/RF)

March 29 (Fri) 9 : 40—11 : 10

Main Hall, 1F, Conference Center

### Cooperation between Cardiologists and Stroke Physicians as a Stroke Team

Chairpersons :

Christopher Levi (SPHERE Maridulu Budyari Gumal, Australia)

Kazunori Toyoda (National Cerebral and Cardiovascular Center, Suita)

#### State-of-the-Art :

#### 1. The Diagnostic and Therapeutic Interface between Cardiology and Vascular Neurology

Christopher Levi (SPHERE Maridulu Budyari Gumal, Australia)

#### 2. Efficacy of Echocardiography for Detecting Patent Foramen Ovale

Yoichi Takaya (Department of Cardiology, Okayama University, Okayama)

3. **Angioscopy-detected Spontaneously Ruptured Aortic Plaques as a Potential Cause of Embolic Strokes**  
Yoshiharu Higuchi (Division of Cardiology, Osaka Police Hospital, Osaka)
4. **Takotsubo-like Cardiomyopathy Observed in the Intracranial Hemorrhage Model of Rabbits**  
Mao Takahashi (Department of Cardiology, Sakura Hospital, Medical Center, Toho University, Sakura)
5. **Therapeutic Intervention by Cardiologists in Patients with Non-traumatic Subarachnoid Hemorrhage**  
Takanao Mine (Cardiovascular Division, Department of Internal Medicine, Hyogo College of Medicine, Nishinomiya)
6. **Recent Topics for Cardioembolic Stroke Care in Japan**  
Kazunori Toyoda (Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

### Plenary Session 3 (VD/RF)

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March 29 (Fri) 8 : 00—9 : 30  
501, 5F, Conference Center

#### A Role of Aorta Team in Treatments for Acute Aortic Syndrome: Cooperation between Cardiologists and Cardiac Surgeons

Chairpersons :

Hideaki Yoshino (Department of Internal Medicine, Kyorin University, Mitaka)  
Hitoshi Ogino (Department of Cardiovascular Surgery, Tokyo Medical University, Tokyo)

1. **The Aortic Team -United Kingdom/European Perspective**  
Toru Suzuki (University of Leicester, UK)
2. **Making the Immediate and Precise Diagnosis of Acute Aortic Syndrome: The First Step in Aorta Team**  
Manabu Kurabayashi (Division of Cardiology, Yokohama City Minato Red Cross Hospital, Yokohama)
3. **Perspectives of Preemptive Diagnosis and Intervention for Earlier Stage for Acute Aortic Syndrome: Insights from Non-obstructive Angioscopy**  
Satoru Takahashi (Cardiovascular Center, Osaka Gyomeikan Hospital, Osaka)
4. **What the Cardiologist Contribute to Cardiovascular Team?**  
Koichi Akutsu (Division of Vascular Medicine, Department of Cardiovascular Surgery, Kawasaki Aortic Center, Kawasaki Saiwai Hospital, Kawasaki)
5. **What Role Does Cardiologist Have in the Diagnosis and Treatment of Acute Aortic Dissection? The Experience of Tokyo Acute Aortic Diseases Super-Network**  
Hideaki Yoshino (Kyorin University, Tokyo)
6. **How to Avoid Life-threatening Complications in Patients with Acute Aortic Syndrome: Importance of Aortic Team**  
Shuichiro Kaji (Department of Cardiovascular Medicine, Kobe City Medical Center General Hospital, Kobe)

### Symposium 1 (VD/RF)

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March 29 (Fri) 9 : 40—11 : 10  
501, 5F, Conference Center

#### Novel Therapeutic Targets for Atherosclerosis

Chairpersons :

Masanori Aikawa (Brigham and Women's Hospital, Harvard Medical School, USA)  
Ken-ichi Hirata (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

Keynote Lecture :

1. **Systems Approach to Target Discovery for Vascular Disease: A Focus on Macrophage Activation**  
Masanori Aikawa (Brigham and Women's Hospital, Harvard Medical School, USA)
2. **Oxidized Cholesterol, 7-ketocholesterol, is an Important Risk Factor for the Development of Atherosclerosis**  
Masahiro Koseki (Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)
3. **Fatty Acid-Binding Proteins, FABP4 and FABP5, as Residual Risk of Atherosclerosis**  
Masato Furuhashi (Department of Cardiovascular, Renal and Metabolic Medicine, Sapporo Medical University School of Medicine, Sapporo)
4. **Impact of ABCG5/8 Genetic Variants on Risk of Coronary Heart Disease**  
Hayato Tada (Department of Cardiovascular and Internal Medicine, Kanazawa University Graduate School of Medical Science, Kanazawa)
5. **Microbiota-derived Trimethylamine N-oxide as Residual Risk after ST-elevation Myocardial Infarction**  
Yasushi Matsuzawa (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

**6. Gut Microbiome; Novel Therapeutic Targets for Preventing Atherosclerotic Cardiovascular Diseases**  
Tomoya Yamashita (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)

**シンポジウム 2 (VD/RF)**

3月29日(金) 8:00-9:30  
会議センター 5階 [502]

重症下肢虚血への集学的治療

座長:

古森 公浩 (名古屋大学 血管外科)  
飯田 修 (関西労災病院 循環器科)

- 1. Association between Brief Nutritional Score; CONUT Score and the Healing Rate of Ulcer in Critical Limb Ischemia Patients**  
杉原 充 (福岡大学 循環器内科)
- 2. Impact of Frailty and Major Adverse Limb Event in Patients of Critical Limb Ischemia**  
加藤 太門 (信州大学 循環器内科学)
- 3. Additional Systemic Risk Factors for Amputation in Wifl (Wound, Ischemia, and Foot Infection) Clinical Stage**  
岡本 慎 (関西労災病院 循環器内科)
- 4. Clinical Effect of Planned Endovascular Therapy for Critical Limb Ischemia Patients with Tissue Loss**  
福永 匡史 (森之宮病院 循環器内科)
- 5. Current Status and Problems in Our Multidisciplinary Revascularization Approach Using Endovascular Treatment and Bypass Surgery for Critical Limb Ischemia**  
久良木 亮一 (国立病院機構九州医療センター 血管外科)
- 6. Role of Bypass with Poor Quality Vein in Achieving Wound Healing in Chronic Limb Threatening Ischemia with Higher Wifl Stage**  
三宅 啓介 (大阪大学 外科学講座心臓血管外科学)
- 7. Establishment of a Novel Foot Care System Using an Information and Communication Technology**  
福田 健太郎 (順天堂大学練馬病院 循環器内科学)
- 8. Technological and Professional Collaboration Ameliorates Long-term Outcome in Chronic Limb-Threatening Ischemia**  
高木 元 (日本医科大学 循環器内科)

**Symposium 3 (VD/RF)**

March 29 (Fri) 9:40-11:10  
503, 5F, Conference Center

**Diagnosis and Management of Large Vessel Vasculitis: 2018-2019 Update**

Chairpersons:

David Saadoun (Pitie Salpetriere Hospital, Sorbonne University, France)  
Nobukazu Ishizaka (Department of Cardiology, Osaka Medical College, Takatsuki)

Keynote Lecture:

- 1. Takayasu and Giant Cell Arteritis: A Spectrum within the Same Disease or not?**  
David Saadoun (Pitie Salpetriere Hospital, Sorbonne Medecine University, France)
- 2. Novel Treatment Strategy for Large Vessel Vasculitis Using Anti-Interleukin-6 Receptor Antibody**  
Yoshikazu Nakaoka (Department of Vascular Physiology, National Cerebral and Cardiovascular Center Research Institute, Suita)
- 3. Large Vessel Vasculitis as a Manifestation of IgG4-related Disease**  
Ichiro Mizushima (Division of Rheumatology, Kanazawa University Hospital, Kanazawa)
- 4. Effectiveness of Tocilizumab (TCZ) for Steroid-resistant Takayasu Arteritis (TAK) and Evaluation of Inflammatory Activity by FDG-PET Scan**  
Mitsuaki Isobe (Sakakibara Heart Institute, Tokyo)
- 5. Characteristics and Treatment Outcomes of Takayasu Arteritis Subgrouped by Onset Age in a Nationwide, Retrospective Cohort Study in Japan**  
Haruhito Uchida (Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Department of Chronic Kidney Disease and Cardiovascular Disease, Okayama)
- 6. Single Nucleotide Polymorphism of MLX Gene is Associated with the Pathogenesis of Takayasu Arteritis**  
Yasuhiro Maejima (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)

## シンポジウム 4 (A)

3月29日(金) 8:00-9:30  
アネックスホール 2階 [F205+F206]

心房細動発症阻止へ向けた英知の結集

座長:

奥村 謙 (済生会熊本病院 心臓血管センター循環器内科)

山下 武志 (心臓血管研究所)

- 1. Epicardial Adipose Tissue is Associated with Atrial Myocardial Fibrosis as a Substrate of Atrial Fibrillation through Paracrine Effect -Human Study-**  
安部 一太郎 (大分大学 循環器内科・臨床検査診断学講座)
- 2. The Importance of Risk Factor Management for the Prevention of Atrial Fibrillation -Lessons from the Experimental Animal Models-**  
岩崎 雄樹 (日本医科大学 循環器内科)
- 3. Comparison of 24-Hour vs 2-Week Continuous Monitoring for Detection of Unknown Atrial Fibrillation among Participants without Prior Atrial Fibrillation Episodes**  
永嶋 孝一 (日本大学 内科系循環器内科学分野)
- 4. Risk Factors and Primary Prevention of Atrial Fibrillation in Hypertensive Patients**  
堀尾 武史 (石切生喜病院 高血圧・総合内科)
- 5. Prediction of Atrial Fibrillation Using Combination of Genetic Risk Score and Clinical Risk Factors**  
大久保 陽策 (広島大学 循環器内科)
- 6. Healthy Lifestyle Components for the Prevention of Incident Atrial Fibrillation: The Suita Study**  
小久保 喜弘 (国立循環器病研究センター 予防健診部)

## Special Session 1 会長特別企画 1 (A)

March 29 (Fri) 8:00-9:30

303, 3F, Conference Center

**Prevention of Cardiogenic Stroke: The State-of-the-Art**

Chairpersons:

Shunichi Homma (Columbia University Medical Center, USA)

Haruhiko Hoshino (Department of Neurology, Tokyo Saiseikai Central Hospital, Tokyo)

Keynote Lecture:

- 1. Echocardiography in Stroke Patients**  
Shunichi Homma (Department of Medicine/Division of Cardiology at Columbia University Medical Center, USA)
- 2. Cardiovascular Abnormality and Subclinical Cerebrovascular Disease**  
Koki Nakanishi (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)
- 3. Effectiveness and Safety of Oral Anticoagulants for Prevention of Cardiac Emboli in the Contemporary Clinical Real-world: Current Status and Future Perspectives**  
Masaharu Akao (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)
- 4. Current Status and Perspective of Percutaneous Patent Foramen Ovale Closure for Cryptogenic Stroke**  
Hideaki Kanazawa (Department of Cardiology, Keio University School of Medicine, Tokyo)
- 5. Catheter Ablation for Stroke Prevention in Atrial Fibrillation Patients; Fantasy or Reality?**  
Koichi Inoue (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka)

## Special Session 2 会長特別企画 2 (A)

March 29 (Fri) 9:40-11:10

303, 3F, Conference Center

**Transcend the Current Arrhythmia Diagnosis and Treatment**

Chairpersons:

Hiroshi Nakagawa (Heart Rhythm Institute, University of Oklahoma Health Sciences Center, USA)

Nobuhisa Hagiwara (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

Keynote Lecture:

- 1. Real-Time Propagation Vector Mapping Using a Novel Close Unipolar Electrode Catheter and System**  
Hiroshi Nakagawa (Heart Rhythm Institute, University of Oklahoma Health Sciences Center, USA)
- 2. Spatio-temporal Dispersion of Multipolar Electrogram, a Visually Recognizable Electric Footprint of Rotor during Cardiac Fibrillation**  
Masatoshi Yamazaki (Medical Device Development and Regulation Research Center, The University of Tokyo, Tokyo)

**3. Is the Extra Mapping-guided Ablation Targeting Non-passively Activated Areas a Novel and Effective Approach for Non-paroxysmal Atrial Fibrillation?**

Takashi Ashihara (Department of Cardiovascular Medicine, Shiga University of Medical Science, Otsu)

**4. Therapeutic Targets to Avoid ICD Shocks-associated Worsening Heart Failure**

Yukiomi Tsuji (Department of Molecular Physiology, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki)

**Special Session 3 会長特別企画 3 (IMG)**

March 29 (Fri) 8:00-9:30

503, 5F, Conference Center

**Multi-modality Assessment of Heart Failure**

Chairpersons :

Jeroen J. Bax (Leiden University Medical Centre, The Netherlands)

Takahiro Shiota (UCLA School of Medicine, USA/Cedars-Sinai Medical Center, USA)

Keynote Lecture :

**1. Multi-modality Imaging in Heart Failure**

Jeroen J. Bax (Leiden University Medical Centre, The Netherlands)

**2. Echocardiography-guided Management of Heart Failure**

Hirohiko Motoki (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto)

**3. Role of Cardiac CT in Heart Failure**

Akira Sato (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

**4. Usefulness of Cardiac Anatomical Mapping by Cardiac Magnetic Resonance in Patients with Heart Failure**

Yasuyo Taniguchi (Department of Cardiology, Hyogo Brain & Heart Center at Himeji, Himeji)

**Special Session 4 会長特別企画 4 (A)**

3月29日(金) 9:40-11:10

アネックスホール 2階 [F205+F206]

チャンネル変容から心病態に迫る

座長:

外山 淳治 (名古屋ハートセンター)

堀江 稔 (滋賀医科大学 アジア疫学研究センター (ゲノム部門))

**1. Insight into Life Cycle of Ion Channels and Its Density Regulation will Bring a New Prospect of Electrocardiology -Revisiting "Cardiac Memory" and "Giant Negative T Wave" as Examples-**

外山 淳治 (名古屋ハートセンター)

**2. Role of Gap-Junctional Channel, Pannexin, in I/R Pre-conditioning and Arrhythmias**

古川 哲史 (東京医科歯科大学 難治疾患研究所 生体情報薬理学)

**3. Comprehensive Analyses Using Functional Evaluation and Whole-exome Sequencing to Decipher the Genetic Predispositions for Sudden Death in Brugada Syndrome**

蒔田 直昌 (長崎大学 分子生理学)

**4. Cardiac Immune Cells and Cardiomyocytes Interaction Prevents Lethal Arrhythmia by Maintaining Gap Junctional Protein**

藤生 克仁 (東京大学 循環器内科)

**ラウンドテーブルディスカッション 1 (A)**

3月29日(金) 8:00-9:00

アネックスホール 2階 [F203+F204]

持続性心房細動・長期持続性心房細動に対するカテーテルアブレーション戦略の最前線

座長:

内藤 滋人 (群馬県立心臓血管センター 循環器内科)

山根 禎一 (東京慈恵会医科大学 循環器内科)

**1. Efficacy of Box Isolation for Persistent and Longstanding Persistent Atrial Fibrillation**

熊谷 浩一郎 (福岡山王病院ハートリズムセンター)

**2. Catheter Ablation of Persistent and Long-standing Persistent Atrial Fibrillation: Current Status and Future Direction**

宮崎 晋介 (福井大学 循環器内科)

- 3. Pulmonary Vein Isolation Plus Left Atrial Posterior Wall Isolation and Additional Non-pulmonary Vein Trigger Ablation Using High-dose Isoproterenol for Long-standing Persistent Atrial Fibrillation**  
新田 順一 (榊原記念病院 循環器内科)
- 4. How to Improve Clinical Outcomes of Catheter Ablation of Persistent Atrial Fibrillation: Optimal Targets for Ablation Adjunctive to Pulmonary Veins**  
高橋 良英 (東京医科歯科大学 先進不整脈学)

## ラウンドテーブルディスカッション 2 (HF/CM)

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3月29日(金) 9:05-10:05  
アネックスホール 2階 [F203+F204]

心不全の終末期医療

座長:

和泉 徹 (新潟南病院)  
安齊 俊久 (北海道大学 循環病態内科学教室)

- 1. The Necessity of Advance Care Planning at the End-stage of Cardiovascular Disease: Consideration from the Outcome of Cardiac Arrest Registration**  
野々木 宏 (静岡県立総合病院 集中治療センター)
- 2. Palliative Care for End-stage Heart Failure Patients after FY 2018 Revision of Medical Fees**  
柴田 龍宏 (久留米大学 内科 心臓・血管内科)
- 3. Community-based Integration Care System and Palliative/Terminal Care for Heart Failure Patients**  
山田 佐登美 (川崎医科大学総合医療センター 看護部)

## ラウンドテーブルディスカッション 3 (HF/CM)

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3月29日(金) 10:10-11:10  
アネックスホール 2階 [F203+F204]

高齢者心不全の管理は何を指標に、何を目標にするべきか

座長:

原田 和昌 (東京都健康長寿医療センター 循環器内科)  
福本 義弘 (久留米大学 内科学講座 心臓・血管内科部門)

- 1. Heart Failure in the Elderly Population**  
猪又 孝元 (北里大学北里研究所病院 循環器内科)
- 2. Addressing Polypharmacy in Managing Older Patients with Heart Failure**  
小島 太郎 (東京大学 加齢医学)
- 3. What is an Index and a Goal to Manage Elderly Patients with Heart Failure in Our General Hospital**  
味岡 正純 (公立陶生病院 循環器内科)
- 4. Creating More Home-Time for Elderly Heart Failure Patients -Perspective of Home Medical Care**  
弓野 大 (医療法人社団ゆみの)

## トピック 1 (CAD)

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3月29日(金) 8:00-9:00  
会議センター 3階 [301]

IgG4関連心疾患へのアプローチ

座長:

石坂 信和 (大阪医科大学 循環器内科)  
今井 靖 (自治医科大学 臨床薬理学・循環器内科学)

- 1. Treatment Strategy for Cardiac IgG4 Related Disease Especially in the Coronary Artery**  
松本 康 (国立病院機構金沢医療センター 心臓血管外科)
- 2. Diagnosis Especially Using Cardiac CT Imaging and Treatment of IgG4-related Coronary Artery Disease: Lessons Learned from Clinical Cases**  
卜部 洋司 (県立広島病院 循環器内科)
- 3. Clinical Role of Cardiovascular Imaging for IgG4-related Cardiovascular Disease**  
楠瀬 賢也 (徳島大学 循環器内科)

## トピック 2 (IMG)

3月29日(金) 8:00-9:00

会議センター 3階 [304]

CTによる虚血評価の最前線 (FFR)

座長:

赤阪 隆史 (和歌山県立医科大学 循環器内科)

陣崎 雅弘 (慶應義塾大学 放射線科学)

### 1. FFRCT: How to Use This Game Changer into Clinical Practice

松尾 仁司 (岐阜ハートセンター 循環器内科)

### 2. Cardiac CT for Assessment of Ischemic Heart Disease

元山 貞子 (藤田医科大学 循環器内科)

## トピック 3 (HF/CM)

3月29日(金) 10:10-11:10

会議センター 3階 [304]

心不全の最新のデバイス治療 (Impeller など) と今後導入が期待されるデバイス (IASD)

座長:

澤 芳樹 (大阪大学 外科学講座)

田邊 健吾 (三井記念病院 循環器内科)

### 1. How can We Save Shock Patients with New Devices?

澤 芳樹 (大阪大学 心臓血管外科学)

### 2. New Technologies for Heart Failure Management in the USA

藤野 剛雄 (Section of Cardiology, The University of Chicago, USA)

### 3. An Appropriate Management for Cardiogenic Shock Using Impella, a New Percutaneous Left Ventricular Assist Device

中田 淳 (日本医科大学 心臓血管集中治療科)

## トピック 4 (A)

3月29日(金) 8:00-9:00

会議センター 4階 [411+412]

不整脈マッピング機器をどう使いこなすか?

座長:

中里 祐二 (順天堂大学浦安病院 循環器内科)

佐久間 一郎 (東京大学 工学系研究科 附属医療福祉工学開発評価研究センター)

### 1. Utility of a Novel Rapid High-resolution Mapping System in the Catheter Ablation of Arrhythmias

木村 正臣 (弘前大学 不整脈先進治療学講座)

### 2. New Substrate-guided Method of Predicting Slow Conducting Isthmuses of Ventricular Tachycardia: Combined Use of Voltage Limit Adjustment and Fast-Fourier Transform Analysis

野上 昭彦 (筑波大学 循環器内科)

## コントロールシー 1 (CAD)

3月29日(金) 9:05-10:05

会議センター 3階 [304]

ACSにおける抗 PCSK9 抗体の位置付け

座長:

三浦 伸一郎 (福岡大学 心臓・血管内科学)

阿古 潤哉 (北里大学 循環器内科学)

### 1. Possible Positioning of Anti-PCSK9 Antibodies in Lipid-lowering Treatment of ACS Patients

清末 有宏 (東京大学 循環器内科)

### 2. Lipid Lowering Therapy in Acute Coronary Syndrome is Treatment Early Intensive Enough?

岡崎 真也 (順天堂大学 循環器内科学)

## Meet the Expert 1 (CAD)

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March 29 (Fri) 9 : 05—10 : 05  
301, 3F, Conference Center

### Current Status and Future Perspects of Percutaneous Coronary Intervention to Chronic Total Occlusion

Chairpersons :

Junbo Ge (Department of Cardiology, Zhongshan Hospital, China/Shanghai Institute of Cardiovascular Disease, Shanghai, China)

Jiro Ando (Department of Cardiovascular Medicine, The University of Tokyo Hospital, Tokyo)

#### 1. Percutaneous Coronary Intervention of Chronic Total Occlusion: Current Status and Future

Junbo Ge (Department of Cardiology, Zhongshan Hospital, China/Shanghai Institute of Cardiovascular Disease, Shanghai, China)

#### 2. Current and Future of CTOPCI in Japan

Satoru Sumitsuji (Department of Cardiology for International Education and Research, Osaka University Graduate School of Medicine, Suita)

## Meet the Expert 2 (CAD)

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March 29 (Fri) 10 : 10—11 : 10  
301, 3F, Conference Center

### Registry Research in Percutaneous Coronary Intervention

Chairpersons :

Seung-Jung Park (Asan Medical Center, Korea)

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

#### 1. Paradigm Change of PCI: FFR and Intravascular Imaging-guided Intervention

Seung-Jung Park (Asan Medical Center, Korea)

#### 2. Expectation of J-PCI Registry

Masato Nakamura (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)

#### 3. Registry Research in Percutaneous Coronary Intervention in Singapore

Khung Keong Yeo (National Heart Centre Singapore, Singapore)

## Late Breaking Clinical Trials 1 (HF/CM)

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March 29 (Fri) 9 : 40—11 : 10  
F201+F202, 2F, Annex Hall

### Heart Failure

Chairpersons :

Su Ping Carolyn Lam (National Heart Centre Singapore, Singapore)

Masahiko Kurabayashi (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

#### 1. Efficacy and Safety of Sacubitril/Valsartan in Japanese Patients with Chronic Heart Failure and Reduced Ejection Fraction: PARALLEL-HF Study

Hiroyuki Tsutsui (Department of Cardiovascular Medicine, Faculty of Medical Sciences, Kyushu University, Fukuoka)

Discussant :

Takayuki Inomata (Department of Cardiovascular Medicine, Kitasato University Kitasato Institute Hospital, Tokyo)

#### 2. Efficacy and Safety of Ivabradine in Japanese Patients with Chronic Heart Failure: J-SHIFT Study

Hiroyuki Tsutsui (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka)

Discussant :

Keisuke Kida (Department of Pharmacology, St. Marianna University School of Medicine, Kawasaki)

#### 3. Efficacy of Tafamidis in Transthyretin Amyloid Cardiomyopathy: Results from the ATTR-ACT Trial

Yasuhiro Izumiya (Department of Cardiovascular Medicine, Faculty of Life Sciences, Kumamoto University, Kumamoto)

Discussant :

Motoaki Sano (Department of Cardiology, Keio University School of Medicine, Tokyo)

#### 4. Effect of Luseogliflozin and Voglibose on Heart Failure with Preserved Ejection Fraction in Diabetic Patients: A Multicenter Randomized-controlled Trial

Kentarō Ejiri (Department of Cardiovascular Medicine, Okayama University, Okayama)

Discussant :

Ippei Shimizu (Niigata University Graduate School of Medical and Dental Sciences, Department of Cardiovascular Biology and Medicine, Division of Molecular Aging and Cell Biology, Niigata)



**5. Effects of Canagliflozin on Cardiovascular Biomarkers in Patients with Type 2 Diabetes and Chronic Heart Failure (The CANDLE Trial)**

Atsushi Tanaka (Department of Cardiovascular Medicine, Saga University, Saga)

Discussant :

Yasuko K. Bando (Department of Cardiology, Nagoya University Hospital, Nagoya)

**6. Pharmacokinetics, Pharmacodynamics and Efficacy of OPC-61815, Prodrug of Tolvaptan for Intravenous Administration, in Patients with Congestive Heart Failure**

Naoki Sato (Cardiology and Intensive Care Unit, Nippon Medical School Musashi-Kosugi Hospital, Kawasaki)

Discussant :

Tohru Izumi (Kojinkai Niigata Minami Hospital, Niigata)

**教育セッション I-1**

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3月29日(金) 8:00-9:00

国立大ホール 2階

**経皮的僧帽弁形成術 (MitraClip)**

座長:

齋藤 滋 (湘南鎌倉総合病院 循環器内科)

荒井 裕国 (東京医科歯科大学 心臓血管外科)

**1. 心不全への新たなアプローチ: カテーテル僧帽弁修復術 MitraClip の役割**

天木 誠 (国立循環器病研究センター 心臓血管内科部門心不全科)

**2. MitraClip**

~実際の手技、治療ステップ、エコーガイドの重要性~

大野 洋平 (東海大学 内科学系循環器内科学)

**教育セッション I-2**

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3月29日(金) 9:00-10:00

国立大ホール 2階

**先天性心疾患のカテーテル治療**

座長:

細川 忍 (徳島赤十字病院 循環器内科)

森野 禎浩 (岩手医科大学 内科学講座循環器内科分野)

**1. 経皮的心房中隔欠損閉鎖術**

原 英彦 (東邦大学医療センター大橋病院 循環器内科)

**2. 動脈管開存症に対する治療**

白井 伸一 (小倉記念病院 循環器内科)

## Featured Research Session 1 (A)

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March 29 (Fri) 8 : 00—9 : 30  
416+417, 4F, Conference Center

### Arrhythmias (Clinical) 1

Chairpersons :

Gordon F. Tomaselli (Albert Einstein College of Medicine, USA)  
Masahiko Goya (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)

Keynote Lecture :

#### FRS01-1 Cardiovascular Complications of Neuromuscular Diseases

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

#### FRS01-2 Association between Blood Pressure Levels and Cardiovascular Events in Patients with Atrial Fibrillation and Hypertension: The Fushimi AF Registry

Mitsuru Ishii (Department of Cardiology, National Hospital Organization, Kyoto Medical Center, Kyoto)

#### FRS01-3 Incidence and Predictors of Pericardial Effusion during and Immediately after Catheter Ablation of Atrial Fibrillation: J-CARAF Study 2011-2017

Yuji Murakawa (Fourth Department of Internal Medicine, Teikyo University School of Medicine, Kawasaki)

#### FRS01-4 Evaluation of Regional Heterogeneity of Left Atrial Wall Thickness Using Intra-cardiac Echocardiography: Application to Ablation Index-based Pulmonary Vein Isolation

Yuji Motoike (Department of Cardiology, Fujita Health University, Toyoake)

#### FRS01-5 Safety and Efficacy of High-power and Short-duration Ablation for Pulmonary Vein Isolation: First Experience in a Single Center

Masaomi Kimura (Advanced Management of Cardiac Arrhythmias, Hirosaki University Graduate School of Medicine, Hirosaki)

## Featured Research Session 2 (A)

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March 29 (Fri) 9 : 40—11 : 10  
416+417, 4F, Conference Center

### Arrhythmias (Clinical) 2

Chairpersons :

Shih-Ann Chen (Taipei Veterans General Hospital, Taiwan)  
Koichiro Kumagai (Heart Rhythm Center, Fukuoka Sanno Hospital, Fukuoka)

Keynote Lecture :

#### FRS02-1 Catheter Ablation of Atrial Fibrillation: Lessons from the Big Data and Digital Technology

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

#### FRS02-2 The Very Late Recurrence of Atrial Fibrillation after Catheter Ablation: The Major Cause and Appropriate Management

Junichi Doi (Department of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)

#### FRS02-3 Safety and Efficacy of High Radiofrequency Power Application According to the Contact Force Value in Ablation Index-Guide Pulmonary Vein Isolation

Ken Okumura (Saiseikai Kumamoto Hospital Cardiovascular Center, Kumamoto)

#### FRS02-4 Development of Risk Models for Mortality and Morbidity by Artificial Intelligence: Shinken Database Analysis

Shinya Suzuki (Department of Cardiovascular Medicine, The Cardiovascular Institute, Tokyo)

#### FRS02-5 Impact of Nasal Trouble in Patients with Atrial Fibrillation

Takuya Taniguchi (Department of Cardiovascular Medicine, North Medical Center, Kyoto Prefectural University of Medicine, Yosano-cho)

## Oral Presentation (English) 1 (A)

March 29 (Fri) 8 : 00—9 : 30  
414+415, 4F, Conference Center

### AF, Balloon Ablation 1, Cryo

Chairpersons :

Hiroshi Sahara (The Heart Rhythm Center, Tokyo Heart Center, Osaki Hospital, Tokyo)  
Satoshi Shizuta (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto)

- OE01-1 The Predictor and Mechanism of “Crosstalk” Technique Provoked by Cryoballoon Ablation in Patients with Atrial Fibrillation**  
Tatsuhiko Hiraio (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- OE01-2 Discrepancy between Lesion Created by Cryoballoon and RF Ablation for Paroxysmal Atrial Fibrillation: Delayed Enhancement-MRI Evaluation**  
Koji Higuchi (Department of Cardiology, Hiratsuka Kyosai Hospital, Kanagawa)
- OE01-3 Hot Balloon Ablation Has Potentially Higher Risk of Pulmonary Vein Narrowing than Cryoballoon Ablation: A Propensity Score Match Analysis**  
Kosuke Takeda (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)
- OE01-4 Anatomical and Procedural Predictors of Chronic Pulmonary Vein Reconnection Following Cryoballoon Ablation**  
Michifumi Tokuda (Department of Cardiology, The Jikei University School of Medicine, Tokyo)
- OE01-5 Lesion Characteristics Assessed by LGE-MRI between Cryo-balloon Ablation and Radiofrequency Ablation with Contact-force Sensing Catheter**  
Jun Kurose (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- OE01-6 Different Effects of Cryoballoon Ablation versus Radiofrequency Ablation on High Voltage Zones in the Pulmonary Vein-Left Atrial Junction**  
Ryuta Watanabe (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)
- OE01-7 Impact of Additional Apply to Posterior Wall during Cryoballoon Ablation on Atrial Fibrillation Recurrence**  
Hiroki Kamiya (Department of Cardiology, Gifu Heart Center, Gifu)
- OE01-8 Prediction of Reconnection between Pulmonary Vein and Left Atrium after Cryoballoon Application in Patients with Atrial Fibrillation**  
Hiroshi Yoshida (Heart Center, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- OE01-9 Over One Year Outcome and Predictors of Success after Second-Generation Cryoballoon Ablation for Persistent Atrial Fibrillation**  
Takashi Nishimoto (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)

## Oral Presentation (English) 2 (A)

March 29 (Fri) 9 : 40—11 : 10  
414+415, 4F, Conference Center

### AF, Balloon Ablation 2

Chairpersons :

Seiji Takatsuki (Department of Cardiology, Keio University School of Medicine, Tokyo)  
Yasushi Miyauchi (Department of Cardiovascular Medicine, Nippon Medical School Chiba-Hokusoh Hospital, Inzai)

- OE02-1 Real and Virtual Relationship between the Intra-Balloon Pressure and Ablated Posterior-Wall Region in Atrial Fibrillation Patients Using the Hot-Balloon System**  
Shiro Nakahara (Department of Cardiology, Dokkyo Medical University, Saitama Medical Center, Koshigaya)
- OE02-2 Comparison of Laser Balloon Pulmonary Vein Isolation for Atrial Fibrillation in Patients with and without Left Common Pulmonary Vein**  
Takahiko Nagase (Department of Cardiology, Saitama Medical University International Medical Center, Hidaka)
- OE02-3 The Conduction Status of Pulmonary Vein Carina after Visually Guided Laser Balloon Ablation in Paroxysmal Atrial Fibrillation Patients**  
Takatoshi Shigeta (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- OE02-4 Comparison of Myocardial Damage in Completing Pulmonary Vein Isolation among Radiofrequency, Cryoballoon, and Laser Balloon Ablation for Atrial Fibrillation**  
Kodai Negishi (Cardiovascular Center, Saiseikai Kumamoto Hospital, Kumamoto)
- OE02-5 Incidence and Characteristics of Vagal Response during Laser Balloon Ablation in Patients with Atrial Fibrillation**  
Tatsuhiko Hiraio (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)

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- OE02-6 Conduction Gaps after Visually Guided Laser Balloon Pulmonary Vein Isolation**  
Tasuku Yamamoto (Department of Cardiology, Tokyo Medical and Dental University, Tokyo)
- OE02-7 The Clinical Impact of Cryoballoon Application on the Conduction Status of Pulmonary Vein Carina**  
Takatoshi Shigeta (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- OE02-8 The Efficacy of Cryoballoon Ablation for Non-paroxysmal Atrial Fibrillation**  
Giichi Nitta (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama)
- OE02-9 The Lesion Distribution after Pulmonary Vein Isolation Using Balloon Catheter: LGE-MRI Analysis**  
Tomomi Akita (Section of Arrhythmia, Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

### Oral Presentation (English) 3 (VD/RF)

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March 29 (Fri) 8 : 00—9 : 30  
418, 4F, Conference Center

#### Atherosclerosis (Treatment)

Chairpersons :

Jaw-Wen Chen (Taipei Veterans General Hospital, Taiwan/National Yang-Ming University, Taiwan)  
Mari Nishizaka (Cardiovascular Medicine, Kyushu University School of Medicine, Fukuoka)

- OE03-1 The Concomitant Use of Statin and Eicosapentaenoic Acid Prevented Atherosclerotic Progression in Both In-stent Neoatherosclerosis and Native Coronary Plaques**  
Youichirou Sugizaki (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- OE03-2 Intensive Lipid Lowering Therapy with PCSK9 Inhibitor on Carotid Atherosclerosis**  
Toshiki Asada (Division of Cardiology, Department of Internal Medicine, Yokohama Sakae Kyosai Hospital, Yokohama)
- OE03-3 Eplerenone Improves Endothelial Function, Arterial Stiffness and Rho-associated Kinase Activity in Patients with Idiopathic Hyperaldosteronism**  
Shinji Kishimoto (Department of Cardiovascular Regeneration and Medicine, Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima)
- OE03-4 The Role of Remnant-like Lipoprotein Particles Cholesterol as a Predictor for Clinical Outcomes after Endovascular Therapy for Femoropopliteal Artery Disease**  
Masafumi Mizusawa (Yokosuka Kyosai Hospital, Cardiovascular Center, Yokosuka)
- OE03-5 Value of Eicosapentaenoic Acid to Arachidonic Acid Ratio Predicts Prognosis of Peripheral Artery Disease Patients Caused by Aortoiliac Artery Lesions**  
Naruhiko Ito (Yokosuka Kyosai Hospital, Cardiovascular Center, Yokosuka)
- OE03-6 A Long-term Review of the Autologous Bone-Marrow Mononuclear Cells Implantation on Clinical Outcomes in Patients with Critical Limb Ischemia**  
Farina Mohamad Yusoff (Department of Cardiovascular Regeneration and Medicine, Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima)
- OE03-7 Vascular Effects of Dapagliflozine in Patients with Type 2 Diabetes**  
Kwang K. Koh (Gachon University Gil Medical Center, Korea)
- OE03-8 Genetic Diagnosis of Familial Hypercholesterolemia and the Risk of Cardiovascular Events**  
Hidekimi Nomura (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- OE03-9 Geriatric Nutritional Risk Index Accurately Predicts Long-term Survival and Cardiovascular or Limb Events in Peripheral Arterial Disease**  
Yae Matsuo (Department of Cardiology, Kitakanto Cardiovascular Hospital, Shibukawa)

### Oral Presentation (English) 4 (VD/RF)

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March 29 (Fri) 9 : 40—11 : 10  
418, 4F, Conference Center

#### Atherosclerosis (Diagnosis/Pathophysiology)

Chairpersons :

Masaaki Hoshiga (Department of Cardiology, Osaka Medical College, Osaka)  
Tetsuro Miyazaki (Juntendo University Urayasu Hospital, Urayasu)

- OE04-1 The Predictive Role of Proteinuria on Cardiovascular Events: Shinken Database Analysis**  
Riku Arai (The Department of Cardiovascular Institute, Tokyo)

- OE04-2 Clinical Significance of the Presence of Puff-Chandelier Ruptures Detected by Non-obstructive Aortic Angioscopy: A Retrospective Multicenter Cohort Study**  
Masao Yamaguchi (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE04-3 The Utility and Validity of Intracoronary Administration of Nicorandil Alone for Fractional Flow Reserve in Patients with Intermediate Coronary Stenosis**  
Kasumi Ishibuchi (Department of Cardiology, Higashi Takarazuka Satoh Hospital, Takarazuka)
- OE04-4 Association between N-3 and N-6 Polyunsaturated Fatty Acids and Plaque Vulnerability by Optical Coherence Tomography in Acute Myocardial Infarction Patients**  
Nozomu Kanehama (Kameda Medical Center, Kamogawa)
- OE04-5 Endothelial Function Measured by Enclosed Zone Flow-mediated Vasodilation and Cardiovascular Risk Factors**  
Masato Kajikawa (Division of Regeneration and Medicine, Medical Center for Translational and Clinical Research, Hiroshima University Hospital, Hiroshima)
- OE04-6 The Role of Monocyte to High-Density Lipoprotein Cholesterol Ratio in Predicting Carotid Intima-Media Thickness in Patients with Type 2 Diabetes**  
Jia Wei Chen (Department of Cardiology, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, China)
- OE04-7 Impact of Wall Shear Stress on Plaque Rupture of Aortic Arch with Computational Fluid Dynamics Model and Non-Obstructive General Angioscopy**  
Keisuke Kojima (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)
- OE04-8 Long Sleep Duration and Arterial Stiffness: Is Day-by-day Morning Blood Pressure Variability a Mediator in the High-risk Elderly?**  
Michiaki Nagai (Department of Cardiology, Hiroshima City Asa Hospital, Hiroshima)
- OE04-9 Higher Number of Spontaneous Ruptured Aortic Plaques and Injuries may be Related to Peripheral Artery Disease**  
Sei Komatsu (Cardiovascular Center, Osaka Gyomeikan Hospital, Osaka)

## Oral Presentation (English) 5 (IMG)

March 29 (Fri) 8 : 00—9 : 30  
419, 4F, Conference Center

### CT MRI Vascular/Myocardium

Chairpersons :

Masao Moroi (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)  
Akira Kurata (Department of Radiology, Ehime University School of Medicine, Toon)

- OE05-1 Prognostic Value of Phase Contrast Cine-Magnetic Resonance Imaging of Coronary Sinus in Patients with ACS Treated with Primary PCI**  
Yoshihisa Kanaji (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE05-2 Prognostic Value of Unrecognized Myocardial Infarction Detected by Cardiac Magnetic Resonance Imaging in Patients Presenting with First Acute Myocardial Infarction**  
Yoshihisa Kanaji (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE05-3 Impact of Native T1 Mapping for Detection of Myocardial Fibrosis in Cases with Various Myocardial Diseases**  
Hiroki Goto (Department of Cardiology, Eastern Chiba Medical Center, Togane)
- OE05-4 Real-time Surveillance of Left Atrial Appendage Thrombus during Contrast Computed Tomography Imaging for Catheter Ablation**  
Tetsuma Kawaji (Department of Cardiology, Mitsubishi Kyoto Hospital, Kyoto)
- OE05-5 Prognostic Value of Unrecognized Myocardial Infarction Detected by Cardiac Magnetic Resonance Imaging in Patients Presenting with First ST-segment Myocardial Infarction**  
Hidenori Hirano (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE05-6 Utility of High-intensity Plaque on Non-contrast T1-weighted MRI as a Factor in Prediction of Intermediate PCI Prognosis**  
Toru Miyoshi (Department of Cardiology, Ehime Prefectural Imabari Hospital, Imabari)
- OE05-7 Comprehensive Cardiac Magnetic Resonance Imaging to Improve Risk Prediction in Patients after ST-elevation Myocardial Infarction**  
Akinori Sugano (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE05-8 Feasibility Assessment of Using CT-derived FFR with Reduced-order Model in Daily Practice: Validation Study in Our Institute**  
Kenji Yoshioka (Department of Cardiology, Kameda Medical Center, Kamogawa)

- OE05-9 Noninvasive Assessment of Ventricular Fibrosis and Diastolic Dysfunction in Atrial Fibrillation with Magnetic Resonance-based Extracellular Volume Fraction and Feature-tracking Strain**  
Akimasa Yamada (Department of Cardiology, Nihon University School of Medicine, Tokyo)

## Oral Presentation (English) 6 (SHD)

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March 29 (Fri) 9 : 40—11 : 10  
419, 4F, Conference Center

### Valvular Heart Disease

Chairpersons :

Duk-Hyun Kang (Cardiology, Asan Medical Center, College of Medicine, University of Ulsan, Korea)  
Shuichiro Takanashi (Department of Cardiovascular Surgery, Sakakibara Heart Institute, Fuchu)

- OE06-1 Tissue-engineered Autologous Heart Valve for Cardiac Regeneration Therapy**  
Yoshiaki Takewa (Department of Artificial Organs, National Cerebral and Cardiovascular Center, Suita)
- OE06-2 Determinants of Tricuspid Valve Annulus Dilatation in Patients with Severe Tricuspid Regurgitation**  
Tomofumi Nakatsukasa (Department of Cardiology, Tsukuba University Hospital, Tsukuba)
- OE06-3 Left Atrial Enlargement is Associated with Poor Improvement of B-type Natriuretic Peptide Levels after Transfemoral Transcatheter Aortic Valve Replacement**  
Asahiro Ito (Department of Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka)
- OE06-4 Determinants of Early Residual or Late Recurrent Tricuspid Regurgitation after Current Tricuspid Annuloplasty**  
Hideki Kunichika (Department of Cardiovascular Medicine, Saiseikai Yamaguchi General Hospital, Yamaguchi)
- OE06-5 Long-term Valve Durability and Hemodynamic Outcomes after Transcatheter Aortic Valve Implantation in Japanese Patients**  
Koki Shishido (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)
- OE06-6 Clinical Impact of Low-flow, Low-gradient Aortic Stenosis after Transcatheter Aortic Valve Implantation**  
Yoshimasa Kojima (Sakakibara Heart Institute, Fuchu)
- OE06-7 Predictors of Mid-term Improvement of Paravalvular Leakage Grade after Transcatheter Aortic Valve Replacement**  
Mana Nakao (Department of Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka)
- OE06-8 Relationship between Membranous Septal Length and the Risk of Cardiac Conduction Disturbance in Patients Undergoing Transcatheter Aortic Valve Implantation**  
Tomonori Miki (Department of Cardiology, Kyoto Prefectural University of Medicine, Kyoto)
- OE06-9 Impact of Early Surgery on Long-term Survival in Patients with Asymptomatic Very Severe Aortic Stenosis**  
Duk-Hyun Kang (Division of Cardiology, Asan Medical Center, Korea)

## 一般演題口述（日本語）1（CAD）

3月29日（金） 8：00-9：30  
会議センター 3階 [311+312]

### Thromboembolism 1

座長：

平井 忠和（富山大学 第二内科）  
本多 勇晴（獨協医科大学 循環器・腎臓内科）

- OJ01-1 Predictors for Thrombotic and Bleeding Events in Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention: From TWMU-AF PCI Registry**  
吉川 将史（東京女子医科大学病院 循環器内科）
- OJ01-2 The Relationship between D-dimer Levels at Diagnosis and Long-term Outcomes in Patients with Venous Thromboembolism: From the COMMAND VTE Registry**  
大井 磨紀（大津赤十字病院 循環器内科）
- OJ01-3 The Association between Statin Use and Recurrent Venous Thromboembolism: From the COMMAND VTE Registry**  
馬淵 博（湖東記念病院 循環器科）
- OJ01-4 Safety and Efficacy of Argatroban in Japanese Patients with Heparin-induced Thrombocytopenia: A Nationwide Post-marketing Surveillance Study**  
宮田 茂樹（国立循環器病研究センター 臨床検査部）
- OJ01-5 Relationship between Clinical Factors and Anti-Xa Activity under Apixaban in Elderly Patients with Atrial Fibrillation: J-ELD AF Registry Subanalysis**  
鈴木 信也（心臓血管研究所 循環器科）
- OJ01-6 Influence of Low Body Weight on Clinical Outcome in Patients with Venous Thromboembolism: From the COMMAND VTE Registry**  
金田 和久（三菱京都病院 心臓内科）
- OJ01-7 Anticoagulation with or without Antiplatelet Therapy in Patients with Atrial Fibrillation and Prior Stroke: The Fushimi AF Registry**  
小川 尚（京都医療センター 循環器内科）
- OJ01-8 Current Use of Inferior Vena Cava Filters in Japan: Reports from the COMMAND VTE Registry**  
高瀬 徹（近畿大学 循環器内科学）
- OJ01-9 Rivaroxaban Have a Differential Effect on Endogenous Thrombolysis Compared with Warfarin**  
乙井 一典（神戸大学 総合内科）

## 一般演題口述（日本語）2（CAD）

3月29日（金） 9：40-11：10  
会議センター 3階 [311+312]

### Thromboembolism 2

座長：

清水 一寛（東邦大学医療センター佐倉病院 循環器内科）  
渡部 宏俊（京都大学 循環器内科）

- OJ02-1 Comparison of Clinical Characteristics and Outcomes of Venous Thromboembolisms between Out-of-hospital and In-hospital Onset: From the COMMAND VTE Registry**  
西本 裕二（兵庫県立尼崎総合医療センター 循環器内科）
- OJ02-2 Clinical Importance of Transesophageal Echocardiography for Detecting Left Atrial Appendage Thrombus Regardless of Duration of Anticoagulant with Persistent Atrial Fibrillation**  
宮崎 亮一（武蔵野赤十字病院 循環器科）
- OJ02-3 Temporal Trends of the Inferior Vena Cava Filter Implantation in Pulmonary Thromboembolism: Multi-center Study from the Tokyo CCU Network**  
間淵 圭（榊原記念病院 循環器内科）
- OJ02-4 Distribution of Anti-Xa Activity under Apixaban and Clinical Outcomes in Elderly Patients with Atrial Fibrillation: J-ELD AF Registry Subanalysis**  
山下 武志（心臓血管研究所）
- OJ02-5 Diurnal Variation of Blood Thrombin Genesis and Protein C in NVAF Patients under Administration of DOACs or Warfarin**  
井手元 良彰（福岡大学 循環器内科）
- OJ02-6 Impact of Cardiovascular Disease on Acute Upper Gastrointestinal Bleeding from Emergency Endoscopic Registry by Gastroenterologists**  
原 英彦（東邦大学医療センター大橋病院 循環器内科）

- OJ02-7 Difference in the Influence of Insulin on Platelet Aggregation between Prasugrel and Clopidogrel**  
相澤 隆徳 (東京慈恵会医科大学 循環器内科)
- OJ02-8 Current Anticoagulant Use in Elderly Non-valvular Atrial Fibrillation Patients in Japan: Subanalysis of the ANAFIE Registry**  
赤尾 昌治 (京都医療センター 循環器内科)
- OJ02-9 Therapeutic Vaccine against S100A9 Inhibits Thrombosis without Increasing the Risk of Bleeding**  
中神 啓徳 (大阪大学 健康発達医学)

### 一般演題口述 (日本語) 3 (HF/CM)

3月29日(金) 8:00-9:30  
会議センター 3階 [313+314]

#### Heart Failure (Laboratory/Biomarkers)

座長:

豊田 茂 (獨協医科大学 心臓・血管内科)  
川上 利香 (奈良県立医科大学 循環器内科学教室)

- OJ03-1 Incremental Prognostic Value of Serum Cholinesterase Levels to Get with The Guideline-Heart Failure Risk Score in Acute Decompensated Heart Failure**  
瀬尾 昌裕 (大阪急性期・総合医療センター 心臓内科)
- OJ03-2 Prognostic Utility of Plasma Concentration of Presepsin, Soluble CD14 Subtype, for Six-Month Mortality in Patients with Acute Heart Failure**  
西村 豪人 (藤田医科大学 循環器内科学)
- OJ03-3 Prognostic Utility of Multimarker Approach Using D-dimer, N-terminal Pro-B-Type Natriuretic Peptide, and High-Sensitivity C-reactive Protein in Acute Heart Failure**  
成瀬 寛之 (藤田医科大学 臨床検査科)
- OJ03-4 Anemia Differentially Impacts Long-Term Outcomes in HFpEF Patients with and without Atrial Fibrillation**  
奥野 圭佑 (兵庫医科大学 循環器内科学)
- OJ03-5 Liver Stiffness and Arterial Stiffness/Abnormal Central Hemodynamics in the Early Stage of Heart Failure**  
岩崎 陽一 (東京医科大学 循環器内科)
- OJ03-6 3A3B Score as a Simple and Useful Risk Score for Patients with Heart Failure with Preserved Left Ventricular Ejection Fraction**  
笠原 信太郎 (東北大学 循環器内科学)
- OJ03-7 Efficacy of the CAVI as a Predictor of Initial Heart Failure Hospitalization in Elderly Patients with Chronic Heart Failure**  
櫃本 孝志 (ひつもと内科循環器科医院)
- OJ03-8 RNA-sequence Identified Novel Biomarkers for Left Ventricular Reverse Remodeling of Patients with Advanced Non-Ischemic Dilated Cardiomyopathy**  
岩花 東吾 (千葉大学 循環器内科学)
- OJ03-9 The Plasma Homocysteine Lowering Therapy Improved Cardiovascular Outcomes in Older Patients with Chronic Heart Failure**  
松村 憲太郎 (香川井下病院 循環器内科)

### 一般演題口述 (日本語) 4 (HF/CM)

3月29日(金) 9:40-11:10  
会議センター 3階 [313+314]

#### Heart Failure (Pathophysiology)

座長:

城宝 秀司 (富山大学 内科学第二)  
中山 博之 (大阪大学 臨床薬効解析学分野)

- OJ04-1 Prognostic Implications of Atrial Fibrillation in Heart Failure with Reduced, Mid-range, and Preserved Ejection Fraction: Shinken Database Analysis**  
張 俊逸 (心臓血管研究所 循環器内科)
- OJ04-2 The Impact of Heart Rate on the Incidence of Cardiac Events in Patients with Atrial Fibrillation: The Fushimi AF Registry**  
井口 守丈 (京都医療センター 循環器内科)



- OJ04-3 Glucagon Acts as a Guardian of the Heart against Catecholamine Elevation**  
西村 和之 (名古屋大学 循環器内科学)
- OJ04-4 Ventricular Morphology as Well as Conduction Delay Plays a Key Role in the Pathogenesis of Mechanical Dyssynchrony of Univentricular Heart**  
羽山 陽介 (国立循環器病研究センター 循環動態制御部)
- OJ04-5 Characteristics and Outcomes of Worsening Left Ventricular Ejection Fraction in Heart Failure Patients with Preserved Ejection Fraction**  
及川 雅啓 (福島県立医科大学 循環器内科学講座)
- OJ04-6 Brain Areas Associated with Future Exacerbation of Heart Failure Symptoms**  
鈴木 秀明 (東北大学 循環器内科学分野)
- OJ04-7 Prolonged Accumulation of Macrophages in Endo-myocardial Biopsies after Remission of Heart Failure with Preserved Ejection Fraction**  
高濱 博幸 (国立循環器病研究センター 心臓血管内科)
- OJ04-8 Characteristics and Outcomes of Heart Failure Patients with Mid-range Left Ventricular Ejection Fraction**  
一條 靖洋 (福島県立医科大学 循環器内科)
- OJ04-9 A p300-specific HAT Inhibitors, EPA and DHA, Repress Hypertrophic Responses in Cardiomyocytes and Prevent MI-induced Heart Failure in Rats**  
片山 歩実 (静岡県立大学 分子病態学)

## 一般演題口述 (日本語) 5 (A)

3月29日(金) 8:00-9:30

会議センター 3階 [315]

### Ventricular Tachyarrhythmia 1

座長:

蜂谷 仁 (土浦協同病院循環器センター 内科)

森田 宏 (岡山大学 先端循環器治療学)

- OJ05-1 Conduction Delay in an Electrocardiogram is a Predictive Factor for Monomorphic Ventricular Tachycardia in Patients with Brugada Syndrome**  
時岡 紗由理 (東京都立広尾病院 循環器科)
- OJ05-2 Risk Stratifications among Patients Presenting Non-sustained Ventricular Tachycardia without Organic Heart Disease: Are All of them Safe?**  
大塩 博子 (心臓血管研究所 循環器内科)
- OJ05-3 Age- and Gender-dependent Differences in Circadian Variation of Out-of-Hospital Ventricular Fibrillation in Japan: The JCS-ReSS Study**  
大槻 総 (国立循環器病研究センター 心臓血管内科)
- OJ05-4 Excessive Ca<sup>2+</sup> Release from Ryanodine Receptors Underlying a RyR2 Mutation Associated with Catecholaminergic Polymorphic Ventricular Tachycardia**  
伊藤 英樹 (滋賀医科大学 循環器内科)
- OJ05-5 Relationship between Ventricular Fibrillation Occurrence and Shanghai Score System in Patients with Early Repolarization Syndrome**  
米津 圭佑 (大分大学 循環器内科・臨床検査診断学講座)
- OJ05-6 A Pedigree of Type-3 Long QT Syndrome Exhibiting Epinephrine-induced Marked QT Prolongation**  
中島 忠 (群馬大学 循環器内科)
- OJ05-7 Baroreflex Sensitivity and J Point Elevation Response are Associated with Ventricular Fibrillation Occurrence in Patients with Early Repolarization Syndrome**  
篠原 徹二 (大分大学 循環器内科・臨床診断学講座)
- OJ05-8 Does a RYR2 K4392R Variant Act as a Genetic Modifier for Arrhythmic Phenotypes in Inherited Arrhythmia Syndromes?**  
中島 忠 (群馬大学 循環器内科)
- OJ05-9 Progressive Increase of Activation Delay during Premature Stimulation is Related to Ventricular Fibrillation in Brugada Syndrome**  
長谷川 祐紀 (新潟大学 循環器内科学)

## 一般演題口述（日本語）6 (A)

3月29日(金) 9:40-11:10  
会議センター 3階 [315]

### Ventricular Tachyarrhythmia 2

座長:

池主 雅臣 (新潟大学 保健学科)

中島 忠 (群馬大学 循環器内科)

- OJ06-1 Utility of High Resolution Mapping Using Rhythmia™ during Catheter Ablation of Para-Hisian Ventricular Arrhythmias: A Three-center Experience**  
中村 紘規 (群馬県立心臓血管センター 循環器内科)
- OJ06-2 The Utility of Multipolar-catheter for Detection of Triggered Ventricular Premature Beat of Electrical Storm in Patients with Sub-acute Myocardial Infarction**  
脇岡 奈保子 (福島県立医科大学 循環器内科学講座)
- OJ06-3 Lesion Formation of Bipolar and Sequential Unipolar Ablation with Constant Contact Force**  
関川 雅裕 (東京医科歯科大学 循環器内科)
- OJ06-4 Relation between Endocardial Voltage Maps and Intramural Arrhythmia Substrate Assessed with a Needle Electrode in Humans**  
谷川 真一 (東京慈恵会医科大学葛飾医療センター 循環器内科)
- OJ06-5 The Prophylactic Effect of New-generation Atrial Antitachycardia Pacing for Ventricular Arrhythmias in Patients Implanted with Cardiac Resynchronization Therapy Devices**  
上田 暢彦 (国立循環器病研究センター 心臓血管内科)
- OJ06-6 Underlying Heart Diseases and Patients' Characteristics Related Circadian Variation of Ventricular Arrhythmias' Onset: Sub-analysis from NIPPON-storm Study**  
古嶋 博司 (ふるしまクリニック)
- OJ06-7 Efficacy of Anti-tachycardia Pacing for Very Fast Ventricular Arrhythmias from Sub-analysis of NIPPON-storm Study**  
池主 雅臣 (新潟大学 保健学科)
- OJ06-8 Implantable Cardioverter-Defibrillator (ICD) Shock Delivery in Patients with Idiopathic Ventricular Fibrillation (IVF): A Sub-analysis of Nippon Storm Study**  
相澤 義房 (立川総合病院 循環器内科)
- OJ06-9 Specific Structural Principle of Joint Line Formation, Horseshoe-shaped Joint Line (Structural Characteristics between Papillary Muscles and Tendinous Cords)**  
井川 修 (日本医科大学多摩永山病院 内科・循環器内科)

## 一般演題口述（日本語）7 (SHD)

3月29日(金) 8:00-9:30  
会議センター 4階 [413]

### Aortic Valve Stenosis

座長:

堀端 洋子 (済生会熊本病院心臓血管センター 循環器内科)

日浅 謙一 (九州大学 循環器内科学)

- OJ07-1 Prediction of One-year Events in Asymptomatic Patients with Severe Aortic Stenosis in the Conservative Management: CURRENT-AS Risk Score**  
南野 恵里 (京都大学 循環器内科学)
- OJ07-2 Impact of Antithrombotic Therapy in Periprocedural Period in Transcatheter Aortic Valve Replacement**  
飯田 達郎 (榊原記念病院 循環器内科)
- OJ07-3 Five-year Outcomes of Japanese Nonagenarians with Transcatheter Aortic Valve Implantation: A Multi-center Analysis**  
横山 公章 (榊原記念病院 循環器内科)
- OJ07-4 Predictors and Clinical Impact of Transcatheter Aortic Valve Implantation Related Thrombocytopenia in Japanese Patients**  
高橋 慎司 (帝京大学 循環器内科)
- OJ07-5 Mid-term Durability of Transcatheter Heart Valves: Assessment of Hemodynamic Deterioration According to the New Definitions from EAPCI/ESC/EACTS**  
横山 公章 (榊原記念病院 循環器内科)

- OJ07-6 Predicting Coronary Obstruction after Balloon-expandable Transcatheter Aortic Valve Replacement**  
福 康志 (倉敷中央病院 循環器内科)
- OJ07-7 Usefulness of Transcatheter Aortic Valve Replacement Risk Score in Long-term Outcomes Following Transcatheter Aortic Valve Replacement**  
佐地 真育 (榊原記念病院 循環器内科)
- OJ07-8 Predictors and Clinical Outcome of Early Discharge after Transcatheter Aortic Valve Implantation**  
手塚 太陽 (榊原記念病院 循環器内科)
- OJ07-9 Prognostic Impact of Atrial Fibrillation in Patients with Severe Aortic Stenosis**  
松田 真太郎 (京都大学 循環器内科学)

## 一般演題口述 (日本語) 8 (IMG)

3月29日(金) 9:40-11:10  
会議センター 4階 [413]

### Echo Others

座長:

平田 久美子 (大阪教育大学 養護教育講座)  
宮坂 陽子 (関西医科大学 第二内科・循環器内科)

- OJ08-1 Prognostic Significance of Right Ventricular Function during Exercise in Patients with Hypertrophic Cardiomyopathy**  
平澤 憲祐 (東京医科歯科大学 循環器内科)
- OJ08-2 Mechanisms of Ventilatory Efficiency during Exercise in Heart Failure: Comparison between Heart Failure with Preserved Ejection Fraction and Reduced Ejection Fraction**  
辻永 真吾 (北海道大学 循環病態内科学)
- OJ08-3 Predictors of Heart Failure Development in Atrial Fibrillation Patients with Functional Mitral Regurgitation**  
谷口 直樹 (関西医科大学 第二内科・循環器内科)
- OJ08-4 Standard Echocardiographic Morphological and Functional Data in Japanese Elderly Population from the Japanese Elderly Data of Normal Echocardiography (J-LONG) Study**  
瀬尾 由広 (筑波大学 循環器内科)
- OJ08-5 The Clinical Significance of Diastolic Late Mitral Annular Velocity in Heart Failure with Preserved Ejection Fraction**  
山本 英一郎 (熊本大学 生命科学研究所 循環器内科学)
- OJ08-6 Acute Left Ventricular Thrombus in Acute Myocardial Infarction after Primary Percutaneous Coronary Intervention: Incidence, Predictor and Clinical Course**  
安里 哲矢 (宮崎市医師会病院心臓病センター 循環器科)
- OJ08-7 Prognostic Value of Novel Echocardiographic Index of Left Ventricular Operating Stiffness in Patients with Heart Failure**  
岡田 一範 (北海道大学 保健科学研究院)
- OJ08-8 Left Atrial Appendage Structure in Patients with Atrial Fibrillation in Japan and the United States**  
生田 幸代 (倉敷中央病院 循環器内科)
- OJ08-9 Identification of High-Risk Patent Foramen Ovale Associated with Cryptogenic Stroke in Comparison with Migraine**  
中山 理絵 (岡山大学 循環器内科)

March  
29  
AM

## ベストポスターセッション 1 (CAD)

3月29日(金) 9:30-10:20

展示ホール

### Coronary Artery Disease

座長:

上野 高史 (久留米大学循環器病センター)

本江 純子 (菊名記念病院循環器センター)

- BP1-1 A Simple Risk Stratification Model for Predicting Acute Kidney Injury from the Combination of Blood Examination in Patients with STEMI**  
合力 悠平 (宮崎市郡医師会病院心臓病センター 循環器内科)
- BP1-2 In-hospital Outcomes of Nonagenarian Patients with Acute Myocardial Infarction Treated with Primary Percutaneous Coronary Intervention**  
西平 賢作 (宮崎市郡医師会病院心臓病センター 循環器科)
- BP1-3 Assessment of Myocardial Ischemia Using Fractional Flow Reserve Measurement Postcoronary Artery Bypass Grafting in the Early Period**  
松尾 あきこ (京都第二赤十字病院 循環器科)
- BP1-4 Different Influence of Lesion Length on Fractional Flow Reserve in Intermediate Coronary Lesions between Each Coronary Artery**  
澁谷 裕樹 (関西医科大学 第二内科)
- BP1-5 Novel Predictors of Lumen Enlargement in Distal Reference Segments after Successful Recanalization of Chronic Total Occlusion**  
奥谷 孔幸 (徳島赤十字病院 循環器科)
- BP1-6 Comparison of Strut Coverage Evaluated by Optical Coherence Tomography after Durable Polymer vs. Bioabsorbable Polymer Coated Everolimus Eluting Stent Implantation**  
堀江 知樹 (土浦協同病院 循環器内科)
- BP1-7 Second-Generation Drug-Eluting Stent Implantation for Non-Left Main Trunk Bifurcation Lesions by Two Stenting Compared between 3- and 2-Link Drug-Eluting Stents**  
岡部 浩哉 (倉敷中央病院 循環器内科)

## Poster Session (English) 1 (CAD)

March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### ACS/AMI (Clinical/Diagnosis)

Chairpersons :

Yuji Koide (Medical Education Development Center, Nagasaki University Hospital, Nagasaki)  
Yasuyuki Kawai (Department of Cardiology, Kanazawa Medical University, Kahoku)

- PE01-1 Difference of Prognostic Impact of Killip Classification in ACS Patients with or without Hemodialysis**  
Akihiro Takasaki (Department of Cardiology, Mie University School of Medicine, Tsu)
- PE01-2 Performance of PRECISE-DAPT Score for Predicting Bleeding Compication during Dual Antiplatelet Therapy**  
Sun Young Choi (Dong-A University Hospital, Korea)
- PE01-3 Diagnostic Utility of Creatine Kinase MB for Acute Coronary Syndrome in the Era of High-sensitive Troponin Assay**  
Hidetoshi Suzuki (Division of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- PE01-4 Effect of Cardioprotector Quercetin on Reversible Dysfunction and Time of Myocardial Reperfusion in ST Elevation Myocardial Infarction**  
Sirojiddin Kenjaev (Republican Scientific Center of Emergency Medicine, Uzbekistan)
- PE01-5 Gender Difference in Trend in the Incidence of Acute Myocardial Infarction in Yamagata, Japan**  
Jun Goto (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University, Yamagata)
- PE01-6 Influence of High Doses of Atorvastatin on Lipid Profile in ST Elevation Myocardial Infarction**  
Durbek Rakhmanov (Tashkent Medical Academy, Uzbekistan)

## Poster Session (English) 2 (CAD)

March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### ACS/AMI (Clinical/Treatment) 1

Chairpersons :

Satoru Suwa (Department of Cardiology, Juntendo University Shizuoka Hospital, Izunokuni)  
Takehiro Yamashita (Cardiology, CV Center, Hokkaido Ohno Memorial Hospital, Sapporo)

- PE02-1 Long Term Outcomes after Acute Myocardial Infarction That Requires Mechanical Support Devices: A J-MINUET Substudy**  
Takashi Morita (Division of Cardiology, Osaka General Medical Center, Osaka)
- PE02-2 Prognosis of Acute Coronary Syndromes Patients Undergoing Percutaneous Coronary Intervention Stratified with Statin Use and LDL Level on Chronic Phase**  
Kenji Goto (Department of Cardiology, Fukuyama Cardiovascular Hospital, Fukuyama)
- PE02-3 Clinical Impact of Beta-blocker Therapy in Patients Undergoing Contemporary Percutaneous Coronary Intervention: Results from a Korean Nationwide Study**  
Gyung-Min Park (Ulsan University Hospital, Korea)
- PE02-4 Optimal Evidence Based Procedural Strategy to Improve Clinical Outcome in Primary Percutaneous Coronary Intervention**  
Janghoon Lee (Kyungpook National University Hospital, Korea)
- PE02-5 Gender is not a Predictor of Clinical Outcomes in Patients with Myocardial Infarction Treated with Percutaneous Coronary Intervention**  
Aldon Teng (University College Dublin, Ireland)
- PE02-6 Withdrawn**
- PE02-7 Different Optimal Platelet Reactivity Rate after New P2Y12 Inhibitor Treatment after Percutaneous Coronary Intervention in Patients with Acute Coronary Syndrome**  
Kai Song (Department of Cardiology Dong-A University Hospital, Korea)

## Poster Session (English) 3 (A)

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March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### AF, Cryoballoon

Chairpersons :

Koji Fukuda (Department of Cardiology, International University Health and Welfare Hospital, Nasushiobara)

Atsushi Kobori (Division of Cardiology, Kobe City Medical Center General Hospital, Kobe)

- PE03-1 New Minimally Invasive and Tailor-made Strategy for Cryoballoon Ablation in Patients with Paroxysmal Atrial Fibrillation**  
Takayuki Nakano (Department of Cardiology, Hiroshima City Hiroshima Citizens Hospital, Hiroshima)
- PE03-2 Details of Early Recurrence of Atrial Fibrillation after Cryoballoon vs. Radiofrequency Ablation: Propensity Score Matched Analysis**  
Michifumi Tokuda (Department of Cardiology, The Jikei University School of Medicine, Tokyo)
- PE03-3 Long Term Clinical Outcome of Ablation of the Non Pulmonary Vein Foci after Cryothermal Pulmonary Vein Isolation**  
Koji Goto (Division of Cardiovascular Medicine, Saitama Medical University International Medical Center, Hidaka)
- PE03-4 Impact of Clinical Outcome of Cryoablation for Atrial Fibrillation in Dormant Electrical Pulmonary Vein Reconnection by Adenosine Triphosphate**  
Koji Goto (Division of Cardiovascular Medicine, Saitama Medical University International Medical Center, Hidaka)
- PE03-5 The Effect of Cryoballoon Ablation on the Left Atrial Function in the Early Postoperative Period**  
Masafumi Shimojo (Cardiovascular Center, Anjo Kosei Hospital, Anjo)
- PE03-6 Association between Morphology of the Pulmonary Vein Ostium and Conduction Recovery after Second-generation Cryoballoon Ablation**  
Kikou Akiyoshi (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo)
- PE03-7 Quantification of the Isolated Area by the Applications of Cryoballoon at the Pulmonary Vein Antrum**  
Takatoshi Shigeta (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)

## Poster Session (English) 4 (A)

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March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### AF, Factor

Chairpersons :

Shinichi Niwano (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Sagamiara)

Yoshinao Sugai (Division of Cardiology, Faculty of Medicine, Tohoku Medical and Pharmaceutical University, Sendai)

- PE04-1 Thoracic Spine Hyperostosis is Associated with Atrial Fibrillation of Non-Pulmonary Vein Foci**  
Shunsuke Miyauchi (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima)
- PE04-2 Association of Alcohol Consumption with Progression of Atrial Fibrillation**  
Yoshihide Takahashi (Department of Advanced Arrhythmia Research, Tokyo Medical and Dental University, Tokyo)
- PE04-3 Sex-Difference of Pulmonary Vein Antral Remodeling in Patients with Atrial Fibrillation**  
Ryuta Watanabe (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)
- PE04-4 Gender Difference in Left Atrial Fibrotic Remodeling in Patients with Atrial Fibrillation**  
Kana Nakashima (Department of Cardiovascular Medicine Saga University, Saga)
- PE04-5 Clinical Characteristics of the Cases with Difficult to Treatment for Catheter Ablation for Atrial Fibrillation**  
Yukihiro Inamura (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama)
- PE04-6 Progression of Left Atrial Structural Remodeling in Patients with Recurrence after Atrial Fibrillation Ablation**  
Kei Hirota (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Yufu)
- PE04-7 Assessment of the Clinical Factors Associated with a Successful Catheter Ablation Outcome in Elderly Patients with Atrial Fibrillation**  
Tadashi Fujino (Department of Cardiology, Toho University Graduate School of Medicine, Tokyo)

## Poster Session (English) 5 (HF/CM)

March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### Cardiac Arrest/Resuscitation 1

Chairpersons :

Motoi Okada (Department of Emergency Medicine, Asahikawa Medical University, Asahikawa)  
Kazunori Kashiwase (Department of Internal Medicine, Division of Coronary Heart Disease, Hyogo College of Medicine, Nishinomiya)

- PE05-1 The Optimal Timing of Percutaneous Coronary Intervention and Brain Computed Tomography for Patients with Out-of-Hospital Cardiopulmonary Arrest**  
Taku Fukushima (Department of Cardiology, National Hospital Organization Disaster Medical Center, Tokyo)
- PE05-2 Association of Out-of-Hospital Cardiac Arrest Occurrence Time and the Survival in All Japan Utstein Registry: Following the JRC Guidelines 2010**  
Katsuhito Katoh (JCS-ReSS study group, Tokyo)
- PE05-3 Citizen Bystander-Patient Relationship and 1-Month Outcomes after Out-of-Hospital Cardiac Arrest of Cardiac Origin**  
Yasunori Suematsu (Department of Cardiology, Fukuoka University School of Medicine, Fukuoka)
- PE05-4 Influenza Epidemic is Associated with Out-of-Hospital Cardiac Arrest of Cardiac Origin in Fukuoka**  
Yasunori Suematsu (Department of Cardiology, Fukuoka University School of Medicine, Fukuoka)
- PE05-5 Therapeutic Hypothermia is Related to Improved Clinical Outcome of Out-of-hospital Cardiac Arrest in Initial Non-shockable Rhythm**  
Songi Byun (Samsung Medical Center, Korea)
- PE05-6 Gender Difference in the Clinical Outcome of Out-of-hospital Cardiac Arrest: A Report from Korea Nationwide Registry**  
Yujung Chang (Samsung Medical Center, Korea)

## Poster Session (English) 6 (HF/CM)

March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### Cardiac Arrest/Resuscitation 2

Chairpersons :

Teiji Oda (Department of Thoracic and Cardiovascular Surgery, Shimane University Faculty of Medicine, Izumo)  
Aya Saito (Division of Cardiovascular Surgery, Toho University Sakura Medical Center, Sakura)

- PE06-1 Targeted Temperature Management of Patients Undergone Extracorporeal Cardiopulmonary Resuscitation**  
Shinichi Ijuin (Department of Emergency and Critical Care Medicine, Hyogo Emergency Medical Center, Kobe)
- PE06-2 Extra-Corporeal Cardiopulmonary Resuscitation for Out-of-Hospital Cardiac Arrest: A Meta-analysis of Studies Since 2010**  
David Foster Gaieski (Thomas Jefferson University Hospital, USA)
- PE06-3 The Impact of Cardiopulmonary Resuscitation Related Complication for Patients Who were Underwent Veno-arterial Extracorporeal Membrane Oxygenation**  
Naohiko Nemoto (SUBARU Health Insurance Society Ota Memorial Hospital, Division of Cardiovascular Medicine, Ota)
- PE06-4 Hemoglobin and Low-flow-duration could Predict the Neurological Outcome at Initial Phase of Out-of-Hospital Cardiac Arrest**  
Munehiro Iiya (Yokohama Minami Kyosai Hospital, Yokohama)
- PE06-5 Benefit of Extracorporeal Membrane Oxygenation before Revascularization in Acute Myocardial Infarction Complicated by Profound Cardiogenic Shock after Resuscitated Cardiac Arrest**  
Min Chul Kim (Chonnam National University Hospital, Korea)
- PE06-6 Prognostic Predictors in Patients with Cardiopulmonary Arrest: A Novel Formula to Predict Death**  
Shunichi Imamura (Department of Cardiovascular Medicine, Kagoshima City Hospital, Kagoshima)
- PE06-7 The Histopathological Scoring can Predict Persistent Left Ventricular Dysfunction Requiring Left Ventricular Assist Device in Patients with Fulminant Lymphocytic Myocarditis**  
Kisho Ohtani (Department of Cardiovascular Medicine, Kyushu University Graduate School of Medical Sciences, Fukuoka)

## Poster Session (English) 7 (VD/RF)

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March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### Atherosclerosis (Clinical/Diagnosis) 1

Chairpersons :

Tatsuro Ishida (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)

Masaaki Kawashiri (Department of Cardiovascular and Internal Medicine, Kanazawa University Graduate School of Medicine, Kanazawa)

**PE07-1 Combined Assessment of Contrast-enhanced Ultrasound of Carotid Plaque and Carotid Intima-media Thickness Improves the Prediction of Future Coronary Events**  
Juntaro Deyama (University of Yamanashi, Chuo)

**PE07-2 Role of Oxidized Lipid in the Development of Unstable Plaque in Patients with Peripheral Artery Disease**  
Young-Seok Cho (Seoul National University Bundang Hospital, Korea)

**PE07-3 The Impact of Change of Syntax Score on the Long-Term Prognosis in Patients Staying Asymptomatic after Percutaneous Coronary Intervention**  
Yuuki Nakamura (Department of Cardiology, Nippon Medical School, Tokyo)

**PE07-4 The Impact of Ankle-Brachial Index and Brachial-Ankle Pulse Wave Velocity on Left Ventricular Diastolic Function**  
Koji Yanaka (Division of Cardiovascular Medicine and Coronary Heart Disease, Hyogo College of Medicine, Nishinomiya)

**PE07-5 Predictors of Critical Limb Ischemia among Patients with Low ABI**  
Yusuke Samejima (SUBARU Health Insurance Society Ota Memorial Hospital, Division of Cardiovascular Medicine, Ota)

**PE07-6 A Study on Targeted Delivery of Platelet Bioinspired Liposome with Rapamycin in the Treatment of Atherosclerosis**  
Ning Zhang (Department of Cardiology, Shanghai Institute of Cardiovascular Diseases, Zhongshan Hospital, Fudan University, China)

**PE07-7 Vascular Property of Carotid Artery and Long-term Clinical Outcome in Cardiovascular Patients**  
Hajime Shinohara (Department of Cardiology, Jichi Medical University School, Shimotsuke)

## Poster Session (English) 8 (VD/RF)

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March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### Atherosclerosis (Clinical/Diagnosis) 2

Chairpersons :

Satoru Sakuragi (Department of Cardiovascular Medicine, Iwakuni Clinical Center, Iwakuni)

Takayoshi Yamaki (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

**PE08-1 Curcumin Ameliorates Atherosclerosis in Apolipoprotein E Deficient Asthmatic Mice by Regulating the Balance of Th2/Treg Cells**  
Shanshan Gao (First Affiliated Hospital of Xi'an Jiaotong University, China)

**PE08-2 Brachial Stiffness Parameter B is Different from CAVI in Relation to Coronary Risk Factors**  
Tomohiro Ueda (Cardiovascular Medicine, JR Hiroshima Hospital, Hiroshima)

**PE08-3 Endothelial Cell Senescence is Involved in the Progression of Atherosclerosis**  
Sakiko Honda (Department of Cardiovascular Medicine, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto)

**PE08-4 Aortic Calcification Provides Independent and Incremental Prognostic Value for Cardiovascular Event over Cardiac Function and Age**  
Hidemichi Sorimachi (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

**PE08-5 Impact of Serum 1,5-anhydro-d-glucitol Level on Prediction of Severe Coronary Artery Calcification: An Intravascular Ultrasound Study**  
Hideki Wada (Department of Cardiovascular Medicine, Juntendo University Shizuoka Hospital, Izunokuni)



- PE08-6 Vildagliptin, a DPP-4 Inhibitor, Prevents Atherogenesis Targeting Multiple Cell-types in Non-diabetic Apolipoprotein E-deficient Mice**  
Kunduziayi Aini (Department of Cardiovascular Medicine, Tokushima University Graduate School of Biomedical Sciences, Tokushima)
- PE08-7 Detection Ability of MRI/Ultrasound Fusion Imaging for the Middle Cerebral Artery Flow in Patients with Cerebral Infarction**  
Wakana Sato (Department of Cardiovascular Medicine, Akita University Graduate School of Medicine, Akita)

## Poster Session (English) 9 (IMG)

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March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### CT MRI Coronary/Vascular 1

Chairpersons :

Yasuyo Taniguchi (Department of Cardiology, Hyogo Brain & Heart Center, Himeji)  
Yasushi Koyama (Sakurabashi Watanabe Hospital, Osaka)

- PE09-1 Diagnostic Performance of On-site CT-derived FFR for Detecting Hemodynamically Significant Coronary Artery Disease**  
Ryota Fukuoka (Shinkoga Hospital Cardiovascular Center, Kurume)
- PE09-2 Optimal Cut Off Value of CT-Fractional Flow Reserve Based on Fluid Structure Interaction for Minimize 1-year Cardiac Events**  
Yuki Kamo (Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Tokyo)
- PE09-3 Ultra-Low Dose 70kV-Coronary Computed Tomography Angiography Using Dual Source Computed Tomography**  
Sei Komatsu (Cardiovascular Center, Osaka Gyoumeikan Hospital, Osaka)
- PE09-4 Unrecognized Myocardial Infarction Detected by Cardiac Magnetic Resonance in Patients with Severe Coronary Calcification is Associated with Left Ventricular Dysfunction**  
Miyuki Ito (Cardiovascular Imaging Clinic Iidabashi, Tokyo)
- PE09-5 Usefulness and Limitations of Myocardial Bridge Based on Coronary CT Angiography for Diagnosing Vasospasm of Left Anterior Descending Artery**  
Hideki Kawai (Department of Cardiology, Fujita Health University, Toyoake)
- PE09-6 Impact of Fractional Flow Reserve by Computed Tomographic Angiography in the Patients with Suspected Stable Coronary Artery Disease**  
Yuji Murakami (Cardiovascular Medicine Center, Fukuoka Sanno Hospital, Fukuoka)
- PE09-7 Computationally Simulated Fractional Flow Reserve from Coronary Computed Tomography Angiography Based on Fractional Myocardial Mass**  
Jin-Ho Choi (Samsung Medical Center, Korea)

## Poster Session (English) 10 (O)

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March 29 (Fri) 10 : 20 – 11 : 10  
Exhibition Hall

### Cardio-Oncology

Chairpersons :

Toshiyuki Yano (Department of Cardiovascular, Renal and Metabolic Medicine, Sapporo Medical University School of Medicine, Sapporo)  
Kazuko Tajiri (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

- PE10-1 Bay 60-2770 Attenuates Doxorubicin-induced Cardiotoxicity by Preventing Mitochondrial Membrane Potential Loss**  
Weon Kim (Kyung Hee University Hospital, Korea)
- PE10-2 Adrenomedullin-RAMP2 and 3 Systems are Crucially Involved in Inter-organ Metastasis by Modulating Podoplanin Expression**  
Kun Dai (Department of Cardiovascular Research, Shinshu University School of Medicine, Matsumoto)
- PE10-3 Immune Checkpoint Proteins and Regulatory T Cells as Critical Immune Modulators in Atherosclerotic Disease and Cancer**  
Naoto Sasaki (Laboratory of Medical Pharmaceutics, Kobe Pharmaceutical University, Kobe)

March  
29  
AM

- PE10-4 Doxorubicin Directly Induced Trans-differentiation of Cardiac Fibroblasts and Matrix Metalloproteinase-1 Independently of Cell Death Pathway**  
Masatoshi Narikawa (Cardiovascular Research Institute, Yokohama City University Graduate School of Medicine, Yokohama)
- PE10-5 Blood Concentration of Tacrolimus and Age is Associated with Tacrolimus-Induced Cardiomyopathy after Bone Marrow Transplantation**  
Kohko Kanazawa (Division of Cardiology, Ohta Nishinouchi Hospital, Koriyama)
- PE10-6 Red Cell Distribution Width is a Predictor of Cardiac Troponin I Elevation after Anthracycline Treatment**  
Masayoshi Oikawa (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)
- PE10-7 Incidence of Subclinical Cardiovascular Immune-related Adverse Events in Patients Undergoing Immunochemotherapy for Lung Cancer: A Propensity-matched Analysis**  
Tsuyoshi Isawa (Department of Cardiology, Sendai Kousei Hospital, Sendai)

ポスターセッション（日本語）1 (CAD)

3月29日(金) 10:20-11:10

展示ホール

ACS/AMI (Basic)

座長:

藤本 肇 (東京都健康長寿医療センター 循環器内科)

穴戸 哲郎 (山形大学 第一内科)

- PJ001-1 Adipose-derived Stem Cell Therapy with Temperature-sensitive Biodegradable Injectable Gel for Myocardial Infarction**  
伊井 正明 (大阪医科大学研究支援センター・実験動物部門)
- PJ001-2 Low-intensity Pulsed Ultrasound Ameliorates Left Ventricular Dysfunction in ApoE-deficient Mice with Acute Myocardial Infarction in Vivo**  
進藤 智彦 (東北大学 循環器内科学)
- PJ001-3 Muse Cells Mobilizes by Sphingosine-1-phosphate Receptor 2 Agonist from Bone Marrow Repair Cardiac Tissues after Acute Myocardial Infarction**  
湊口 信吾 (岐阜大学 循環病態学)
- PJ001-4 Ischemia-Reperfusion Induces Calpain-1 Activation in Smooth Muscle Cells of Coronary Arteries via Angiotensin II/TGF- $\beta$**   
新谷 香 (京都府立医科大学 法医学教室)
- PJ001-5 Interleukin-22 Deletion Promotes Cardiac Rupture after Acute Myocardial Infarction in Mice**  
山本 真衣 (久留米大学 循環器病研究所)
- PJ001-6 Local Injection of Charged Hydroxyapatite Nanoparticle Attenuates the Myocardial Injury in Murine Myocardial Infarction Model**  
千葉 里沙子 (東京医科歯科大学 循環生理解析学)
- PJ001-7 Sustained Mobilization of Circulating CD133+CD34+ Cells after Acute Coronary Syndrome is Related to Favorable Coronary Prognosis**  
松浦 伸太郎 (金沢大学 先進予防医学研究科、システム生物学分野)

ポスターセッション（日本語）2 (CAD)

3月29日(金) 10:20-11:10

展示ホール

ACS/AMI (Clinical/Diagnosis) 1

座長:

中嶋 寛 (長崎みなとメディカルセンター 心臓血管内科)

栗栖 智 (広島大学 循環器内科学)

- PJ002-1 Central Venous Pressure is an Independent Predictor of Acute Kidney Injury in Patients with ST-Elevation Myocardial Infarction**  
合力 悠平 (宮崎市郡医師会病院心臓病センター 循環器内科)
- PJ002-2 The Initial Anion Gap and Peak of Anion Gap during the First 24h Predicts Cardiac Mortality in ACS Patients**  
川瀬 共治 (広島市立広島市民病院 循環器内科)
- PJ002-3 Impact of the Clinical Frailty Scale on Adverse Events in Patients with ST-Segment Elevation Myocardial Infarction**  
黒部 将成 (市立四日市病院 循環器内科)
- PJ002-4 Relationships between Sunshine Duration and AMI-onset -Insight from the Oita AMI Registry**  
原田 泰輔 (大分大学 循環器内科・臨床検査診断学講座)
- PJ002-5 Hyperglycemia at 6 Hours can Predict Infarct Size in Patients with a First-time ST Elevation Acute Myocardial Infarction**  
堀井 睦夫 (横浜市立大学市民総合医療センター 心臓血管センター)
- PJ002-6 Progressively Reduced LVEF during Long-year Follow-up after Myocardial Infarction Conveys Adverse Outcome as Well as Initially Reduced LVEF**  
吉岡 吾郎 (宮崎市郡医師会病院心臓病センター 循環器内科)
- PJ002-7 Larger Coronary Atherosclerotic Burden in Patients with Heterozygous Familial Hypercholesterolemia Presenting with Acute Myocardial Infarction, Compared with Non-familial Hypercholesterolemia**  
橋本 悠 (広島市民病院 循環器科)

### ポスターセッション（日本語）3 (CAD)

3月29日(金) 10:20-11:10  
展示ホール

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

座長:

松井 幹之 (山形県立中央病院 内科)  
石木 良治 (トヨタ記念病院 循環器科)

- PJ003-1 Prognostic Impact of Uric Acid Level on Long-term Outcomes in Diabetic and Non-diabetic Patients with Acute Myocardial Infarction, OACIS Registry**  
Bolrathanak Oeun (大阪大学 循環器内科学)
- PJ003-2 Gender Differences in the Prognostic Value of Sarcopenia and Malnutrition in Patients with Acute Coronary Syndrome**  
菊池 篤志 (大阪急性期・総合医療センター 心臓内科)
- PJ003-3 Impact of Living Alone on Long-term Mortality in Patients with Acute Coronary Syndrome Treated with Percutaneous Coronary Intervention**  
竹内 充裕 (順天堂大学静岡病院 循環器内科)
- PJ003-4 Prediction of Myocardial Fatty Acid Dysmetabolism Following Acute Coronary Syndrome Using Global Longitudinal Peak Systolic Strain**  
野中 大史 (JA静岡厚生連遠州病院 内科)
- PJ003-5 Diagnostic Ability of 3-D Speckle Tracking Imaging in the Detection of Regional Right Ventricular Damages in Patients with RCA Occlusion**  
梅田 有理 (秋田大学 循環器内科学)
- PJ003-6 Patients with Peri-procedural Myocardial Infarction Have a Higher Risk of Newly Spontaneous Acute Coronary Syndrome**  
瀧井 暢 (仙台市医療センター仙台オープン病院 循環器内科)
- PJ003-7 Mechanical Complications Remain the Critical Issue of Myocardial Infarction Even in Contemporary Clinical Settings**  
安田 優 (島根県立中央病院 循環器科)

### ポスターセッション（日本語）4 (CAD)

3月29日(金) 10:20-11:10  
展示ホール

#### Coronary Revascularization/PCI (DES) 1

座長:

中島 均 (国立病院機構鹿兒島医療センター)  
飯島 雷輔 (東邦大学医療センター大橋病院 循環器内科)

- PJ004-1 Target Lesion Revascularization of State-of-the-art Percutaneous Coronary Intervention in the Real-world Setting**  
松浦 広英 (宮崎市郡医師会病院 心臓病センター 循環器内科)
- PJ004-2 Clinical Outcomes of Newer-Generation versus Second-Generation Drug-eluting Stent Implantation in Patients with Coronary Artery Disease: Retrospective Analysis of Real-World Data**  
佐藤 由季 (関西労災病院 循環器科)
- PJ004-3 Impact of Renal Insufficiency on 1-year Clinical Outcomes after Bioresorbable Polymer Coated Ultimaster/Synergy Stent Implantation**  
大塚 雅也 (広島市立広島市民病院 循環器内科)
- PJ004-4 Clinical Outcomes after Intervention for Unprotected Left Main Coronary Artery with New Generation Drug-eluting Stent and Optimal Imaging Guidance**  
柴田 恵多 (昭和大学江東豊洲病院循環器センター 循環器内科)
- PJ004-5 Comparison of Neointimal Response between DP-EES and BP-EES for Severely Calcified Lesions Requiring Rotational Atherectomy: Serial OCT Analysis**  
松田 祐治 (東京医科歯科大学 循環制御内科学)
- PJ004-6 Chronic Phase Effect of Two Different Types of P2Y12 Receptor Inhibitor, Prasugrel and Clopidogrel, in Patient with Acute Coronary Syndrome**  
益子 絵里 (大阪府済生会中津病院 循環器内科)

- PJ004-7 Comparison of Subsequent Neoatherosclerotic Findings at Mid-term Follow-up Optical Coherence Tomography between Second- and Third-generation Drug-eluting Stent Implantation**  
佐貫 仁宣 (産業医科大学 第二内科)

ポスターセッション (日本語) 5 (CAD)

3月29日(金) 10:20-11:10  
展示ホール

**Coronary Revascularization/PCI (DES) 2**

座長:

廣岡 慶治 (大阪府済生会千里病院 循環器内科)  
中澤 学 (東海大学 循環器内科)

- PJ005-1 Dual Antiplatelet Therapy after Stenting for Left Main Bifurcation Lesion**  
堤 正和 (済生会横浜市東部病院 循環器科)
- PJ005-2 Early Vascular Response after Biodegradable-Polymer Sirolimus-Eluting Stent Implantation in ST Elevation Myocardial Infarction versus Stable Angina: Sub-analysis of MECHANISM-ULTIMASTER Trial**  
木村 琢巳 (岩手医科大学)
- PJ005-3 Comparison of Clinical Outcomes between Second-generation Everolimus-eluting Stent and Third-generation Sirolimus-eluting Stent**  
森田 裕一 (土谷総合病院 循環器内科)
- PJ005-4 Early Vascular Response of Drug-eluting Stents with Abluminal Biodegradable Polymer and Drug-coated Stents on Optical Coherence Tomography and Coronary Angioscopy**  
下岡 良典 (恵み野病院 循環器内科)
- PJ005-5 演題取下げ**
- PJ005-6 Six-year Outcomes after First- and Second-generation Drug-eluting Stent Implantation in All-patients Undergoing Percutaneous Coronary Intervention**  
矢野 秀樹 (獨協医科大学 循環器内科)
- PJ005-7 The Frequency of Neoatherosclerosis with ISR Dramatically Decreased in the Second-Generation and the Third-Generation DES Compared with First-Generation DES**  
河村 明希登 (大阪労災病院 循環器内科)

ポスターセッション (日本語) 6 (A)

3月29日(金) 10:20-11:10  
展示ホール

**AF, Ablation, Method 1**

座長:

村上 充 (岡山ハートクリニック 内科)  
矢島 和裕 (名古屋市立西部医療センター 循環器内科)

- PJ006-1 Predictors of Silent Cerebral Infarction Associated with Catheter Ablation for Atrial Fibrillation**  
古川 善郎 (大阪急性期・総合医療センター 心臓内科)
- PJ006-2 Atrial Distribution of CFAE with Shortened Atrial Refractory Period in Patients with Long Lasting Atrial Fibrillation**  
横山 泰廣 (聖路加国際病院 循環器内科)
- PJ006-3 The Preferable Site and Stability of the Rotational Reentry in Patients with Atrial Fibrillation: Analysis by the Non-Contact Mapping**  
金子 祥三 (熊本大学 循環器病態学)
- PJ006-4 Clinical Impact of Response of Intracardiac Direct Current Cardioversion Just before Pulmonary Vein Isolation in Persistent Atrial Fibrillation Patients**  
矢野 正道 (大阪労災病院 循環器内科)
- PJ006-5 Comparison of Periprocedural Safety between Minimally Interrupted and Uninterrupted Oral Anticoagulation Therapy in Patients Who Underwent Atrial Fibrillation Ablation**  
山地 博介 (岡山ハートクリニック ハートリズムセンター)
- PJ006-6 Impact of Sinus Node Recovery Time after Catheter Ablation in Persistent Atrial Fibrillation Patients**  
渡辺 敬太 (武蔵野赤十字病院 循環器科)

**PJ006-7 Border Zones of Left Atrial Low-Voltage Area Affects the Recurrence after Catheter Ablation for Persistent Atrial Fibrillation**

加藤 信孝 (平塚共済病院心臓センター 循環器科)

**ポスターセッション (日本語) 7 (A)**

3月29日(金) 10:20-11:10

展示ホール

**AF, Ablation, Complication**

座長:

藤井 英太郎 (名張市立病院)

永田 恭敏 (武蔵野赤十字病院 循環器科)

**PJ007-1 Iatrogenic Atrial Septal Defect after Catheter Ablation for Atrial Fibrillation: Healing Process and Prognostic Significance**

山内 良太 (大垣市民病院 循環器科)

**PJ007-2 Tailor-made Interruption of Periprocedural Oral Anticoagulation in Patients Undergoing Radiofrequency Catheter Ablation for Atrial Fibrillation**

岡嶋 克則 (加古川中央市民病院 循環器内科)

**PJ007-3 Predictors of Bleeding Events during Atrial Fibrillation Ablation with Uninterrupted Oral Anticoagulants**

松永 泰治 (大阪労災病院 循環器内科)

**PJ007-4 Primary Predictive Factor for the Incidence of Esophageal Injury after Ablation of Atrial Fibrillation**

伊藤 美和 (熊本大学 循環器病態学)

**PJ007-5 The Incidence of Silent Cerebral Thromboembolism during the Peri-procedural Periods of HotBalloon Ablation for Atrial Fibrillation**

今村 公威 (兵庫県立姫路循環器病センター 循環器科)

**PJ007-6 The Gastric Hypomotility Following Catheter Ablation of Atrial Fibrillation: The Largest Report from Single Center**

田中 泰章 (横須賀共済病院循環器センター 内科)

**PJ007-7 Recovery of Sinus Node Dysfunction after Catheter Ablation in Patients with Persistent Atrial Fibrillation**

安部 香緒里 (君津中央病院 循環器内科)

**ポスターセッション (日本語) 8 (A)**

3月29日(金) 10:20-11:10

展示ホール

**AF, Ablation, Heart Failure 1**

座長:

慶田 毅彦 (江戸川病院 循環器科)

中川 英一郎 (大阪赤十字病院 不整脈内科)

**PJ008-1 Atrial Functional Mitral and Tricuspid Regurgitation with Biatrial Remodeling Predict Early Recurrence in Atrial Fibrillation with Preserved Ventricular Ejection Fraction**

中村 啓二郎 (東邦大学医療センター大橋病院 循環器内科)

**PJ008-2 Impact of Catheter Ablation of Atrial Fibrillation on Patients with Left Ventricular Dysfunction**

伊藤 光哲 (兵庫県立姫路循環器病センター 循環器内科)

**PJ008-3 Effectiveness of Ablation in Patients with Heart Failure with a Preserved Ejection Fraction Complicated by Atrial Fibrillation**

吉野 裕 (君津中央病院 循環器内科)

**PJ008-4 Usefulness of Left Ventricular End-Systolic Elastance Noninvasively Calculated for Predictor of Tachycardia-Induced Cardiomyopathy at Heart Failure-Reduced Ejection Fraction**

高橋 正雄 (九州労災病院門司メディカルセンター 循環器内科)

**PJ008-5 Impact of Catheter Ablation for Atrial Fibrillation on Left Ventricular Systolic Function in Patients with Preserved Ejection Fraction**

福田 信之 (富山大学 第二内科)

**PJ008-6 The Impact of Atrial Fibrillation on the Prognosis of Heart Failure with Preserved Left Ventricular Ejection Fraction Patients**

山本 英一郎 (熊本大学 循環器内科学)

**PJ008-7 Effectiveness of Atrial Fibrillation Ablation in Patients with Severe Left Atrial Enlargement in Reducing Hospitalization for Heart Failure**  
濱 義之 (君津中央病院 循環器内科)

ポスターセッション (日本語) 9 (A)

3月29日(金) 10:20-11:10

展示ホール

**AF, Ablation, Heart Failure 2**

座長:

平田 明生 (大阪警察病院 循環器内科)

鈴木 篤 (東京山手メディカルセンター 循環器内科)

**PJ009-1 The Efficacy of Catheter Ablation for Atrial Fibrillation Tachycardia-induced Cardiomyopathy**  
新田 義一 (さいたま赤十字病院 循環器科)

**PJ009-2 Pre-procedural Troponin-T Level Predicts the Improvement of Left Ventricular Ejection Fraction Following Catheter Ablation of Atrial Fibrillation**

青山 大雪 (福井大学 循環器内科)

**PJ009-3 Factors to Predict Left Ventricular Reverse Remodeling after Catheter Ablation of Atrial Fibrillation**

河野 佑貴 (済生会福岡総合病院心臓血管・大動脈センター 循環器内科)

**PJ009-4 Catheter Ablation of Atrial Fibrillation Improved Exercise Capacity and Renal Function in Patients with Persistent Atrial Fibrillation**

武 寛 (群馬県立心臓血管センター 循環器内科)

**PJ009-5 Effectiveness of Ablation in Patients with Heart Failure and a Reduced Ejection Fraction Complicated by Atrial Fibrillation**

浅田 一成 (君津中央病院)

**PJ009-6 The Relationship between Outcome Undergoing Pulmonary Vein Isolation and Influence of Diastolic Dysfunction in Patients with Paroxysmal Atrial Fibrillation**

芳沢 礼佑 (岩手医科大学 内科学講座 循環器内科分野)

**PJ009-7 Ablation Guided by Spatiotemporal Electrogram Dispersion can Improve Cardiac Function in Patients Undergoing Pulmonary Vein Isolation for Persistent Atrial Fibrillation**

宮永 大 (福井厚生病院 循環器科)

ポスターセッション (日本語) 10 (A)

3月29日(金) 10:20-11:10

展示ホール

**CRT/ICD, Management**

座長:

吉田 幸彦 (名古屋第二赤十字病院 循環器内科)

松本 克己 (横浜市立大学 循環器内科)

**PJ010-1 Prediction of Response to Cardiac Resynchronization Therapy Using 2-D Speckle Tracking for the Left Bundle-branch Block**

藤井 亜弥 (名古屋大学 循環器内科学)

**PJ010-2 Relationship between Lethal Arrhythmia and Heart Rate Variability by Remote Monitoring of Implantable Cardioverter Defibrillator**

白川 裕基 (北里大学 循環器内科学)

**PJ010-3 The Acute Effect of AV Delay Fused with Intrinsic Conduction in Multipoint Pacing Therapy**

宮本 真和 (岡山大学 循環器内科)

**PJ010-4 Have the ICD Inappropriate Therapies been Decreasing by Device Programming?**

三橋 武司 (自治医科大学さいたま医療センター 循環器科)

**PJ010-5 Novel Device-based Algorithm could Obtain Optimal Hemodynamics during Exercise in Patients with Cardiac Resynchronization Therapy**

笠川 彰 (聖マリアンナ医科大学 循環器内科)

**PJ010-6 The Influence of Amiodarone Discontinuation on Appropriate and Inappropriate Shock in Patients with Implantable Cardioverter Defibrillator**

蜂須賀 誠人 (日本医科大学 循環器内科)

**PJ010-7 Effect of Cardiac Resynchronization Therapy on Improvement of Mitral Regurgitation: Insight into Etiologies and Dominant Factor for Recovery of Regurgitation**

岡本 均弥 (名古屋大学 循環器内科学)

## ポスターセッション（日本語）11 (A)

3月29日(金) 10:20-11:10

展示ホール

### CRT/ICD, Outcome

座長:

福田 元敬 (多治見市民病院 循環器内科)

後藤 利彦 (名古屋市立大学)

- PJ011-1 Relationship between Device-detected Subclinical Atrial Fibrillation and the Risk of Heart Failure in Patients with Reduced Left Ventricular Ejection Fraction**  
河村 光晴 (昭和大学 内科学講座 循環器内科学部門)
- PJ011-2 Benefit of Implantable Cardioverter-Defibrillator between Ischemic Cardiomyopathy and Dilated Cardiomyopathy was Different by ICD Indication**  
天満 太郎 (北海道大学 循環病態内科学)
- PJ011-3 Usefulness of the Smart Pass Technology as a Novel High-pass Filter to Avoid Inappropriate Shock of Subcutaneous Implantable Cardioverter Defibrillator**  
佐々木 真吾 (弘前大学 循環器腎臓内科学講座)
- PJ011-4 The Incidence and Predictors of Newly Detected Atrial Fibrillation in Patients with Hypertrophic Cardiomyopathy with Cardiac Implantable Electrophysiological Devices**  
林 洋史 (日本医科大学 循環器内科学)
- PJ011-5 Long-term Prognostic Impact of Adherence with JCS2017 and ESC2016 Guideline for Cardiac Resynchronization Therapy**  
小平 睦月 (明石医療センター 心臓血管不整脈センター)
- PJ011-6 Impact of Quadripolar Left Ventricular Leads in Cardiac Resynchronization Therapy from Long Term Outcomes**  
松浦 岳司 (明石医療センター 心血管・不整脈センター)
- PJ011-7 Long-term Outcomes and Left Ventricular Reverse Remodeling after de Novo versus Upgrade Cardiac Resynchronization Therapy**  
横山 裕章 (湘南鎌倉総合病院 循環器内科)

## ポスターセッション（日本語）12 (HF/CM)

3月29日(金) 10:20-11:10

展示ホール

### Cardiac Arrest/Resuscitation

座長:

鈴木 雅裕 (国立病院機構埼玉病院 循環器内科)

高橋 弘 (製鉄記念室蘭病院 循環器内科)

- PJ012-1 Negative Expiratory Airway Pressure: A New Strategy to Salvage Patients with Cardiogenic Shock from a Vicious Cycle Leading to Death**  
長澤 (萩原) 美帆子 (東邦大学 薬理学講座)
- PJ012-2 The Prognostic Impact of Hyperuricemia and the Factors That Induce Hyperuricemia in Intensive Care Patients are Obscured**  
柴田 祐作 (日本医科大学千葉北総病院 集中治療室)
- PJ012-3 A New Treatment Strategy for Severe Heart Failure of Cardiogenic Shock in Our Hospital**  
大城 規和 (名古屋徳洲会総合病院 心臓血管外科)
- PJ012-4 Our Initial Experience of ECPELLA in Cardiogenic Shock**  
青山 英和 (名古屋徳洲会総合病院 循環器内科)
- PJ012-5 Diagnostic Value of the aVR-Lead for Identifying Acute Coronary Lesions in Out-of-Hospital Cardiac Arrest without Other ST-Segment Elevations**  
山本 正也 (国立国際医療研究センター 循環器内科)
- PJ012-6 Association of First Documented Rhythms with Clinical Outcomes among Adult Witnessed OHCA Patients: JCS-ReSS Study**  
加藤 悠太 (国立循環器病研究センター 心臓血管内科)



ポスターセッション（日本語）13 (HF/CM)

3月29日(金) 10:20-11:10

展示ホール

**Cardiomyopathy/Hypertrophy Basic**

座長:

森本 達也 (静岡県立大学 薬学部 分子病態学講座)

泉 康雄 (高石加茂病院)

**PJ013-1 Gut Microbiota Depletion Suppresses Isoproterenol-induced Cardiac Hypertrophy in Mice**  
加茂 雄大 (朝日生命成人病研究所 循環器科)

**PJ013-2 Transcription Factor Tcf21 Regulates Fibrosis after Isoproterenol-induced Cardiac Injury**  
馬場 雄介 (千葉大学 細胞治療内科学)

**PJ013-3 Protective Role of SIRT1, a Protein Deacetylase, in Doxorubicin-induced Cardiotoxicity**  
久野 篤史 (札幌医科大学 薬理学)

**PJ013-4 演題取下げ**

**PJ013-5 Blockade of Protease Activated Receptor-1 Attenuates Cardiac Hypertrophy and Fibrosis in Renin-overexpressing Hypertensive Mice**  
横野 良和 (弘前大学 循環器内科)

**PJ013-6 DPP-4 Inhibitor, Vildagliptin, Induce FGF21 Expression through AMPK-Sirt1 Signaling in Non-diabetic Hypertrophied Mice Heart**  
古川 希 (群馬大学 循環器内科)

**PJ013-7 Human Epicardial Adipose Tissue Induces Rat Atrial Myocardial Fibrosis through Paracrine Effects: Results of Organo-culture Experiments**  
吉良 晋太郎 (大分大学 循環器内科・臨床検査診断学講座)

ポスターセッション（日本語）14 (HF/CM)

3月29日(金) 10:20-11:10

展示ホール

**Heart Failure/Cardiomyopathy (Basic)**

座長:

原田 睦生 (東京大学 循環器内科)

日高 貴之 (広島大学 循環器内科)

**PJ014-1 In Situ Nuclear DNA Methylation in Human Failing Hearts with Dilated Cardiomyopathy**  
渡邊 崇量 (岐阜大学 循環病態学)

**PJ014-2 Brown Adipose Tissue Has a Crucial Role for the Pathologies of Pressure Overload-induced Heart Failure**  
吉田 陽子 (新潟大学 循環器内科学)

**PJ014-3 AMPK-KLF4 Signaling Activated by the Change of Intracellular FA Composition Regulates Mitochondrial Integrity**  
今 友理衣 (群馬大学 保健学研究科 生体情報検査科学講座)

**PJ014-4 p22phox Plays a Protective Role against Pressure Overload in the Heart**  
水島 航 (Department of Cell Biology and Molecular Medicine, Rutgers New Jersey Medical School, USA)

**PJ014-5 Stabilization of CaMKII-phosphorylated RyR2 by Dantrolene Prevents the Development of Age-related Cardiomyopathy in CaMKII  $\delta$  c Transgenic Mice**  
周布 陽子 (山口大学 器官病態内科学)

**PJ014-6 Inhibitory Effects of Rivaroxaban, a Direct Factor Xa Inhibitor, on Cardiac Hypertrophy and Fibrosis in Renin-overexpressing Hypertensive Mice**  
成田 真人 (弘前大学 循環器内科)

**PJ014-7 Glutathione Ameliorate Hypertensive Left Ventricular Hypertrophy and Fibrosis by Modulating Drp1 in Dahl Salt Sensitive Rats**  
Prottoy Hasan (浜松医科大学 第三内科)

## ポスターセッション（日本語）15 (HF/CM)

3月29日(金) 10:20-11:10

展示ホール

### Heart Failure Biomarker 1

座長:

錦見 俊雄 (わかかさ電網リハビリテーション病院 内科)

細谷 弓子 (東京大学 循環器内科)

- PJ015-1 Prognostic Value of Serum Cholinesterase in Acute Decompensated Heart Failure: A Prospective Comparative Study with Other Nutritional Indices**  
瀬尾 昌裕 (大阪急性期・総合医療センター 心臓内科)
- PJ015-2 Prognostic Significance of Serum Cholinesterase Level in Acute Decompensated Heart Failure Patients with Reduced, Mid-range and Preserved LVEF**  
瀬尾 昌裕 (大阪急性期・総合医療センター 心臓内科)
- PJ015-3 MELD-XI Score Provides Additional Prognostic Information to the Get with the Guidelines-heart Failure Risk Score in ADHF Patients**  
山田 貴久 (大阪急性期・総合医療センター)
- PJ015-4 Prognostic Value of the Combination of Systemic Arterial Pulsatility Index and MELD-XI Score in Patients with Acute Decompensated Heart Failure**  
山田 貴久 (大阪急性期・総合医療センター)
- PJ015-5 Long-term Prognostic Value of Acute Hemodynamic Index in Patients Admitted for Acute Decompensated Heart Failure**  
山田 貴久 (大阪急性期・総合医療センター)
- PJ015-6 The Prognostic Impact of Thyroid Dysfunction in Patients with Acute Decompensated Heart Failure**  
西山 軼群 (名古屋掖済会病院 循環器内科)
- PJ015-7 Low T3 Syndrome is Associated with High Mortality and Impaired Exercise Capacity in Hospitalized Patients with Heart Failure**  
佐藤 悠 (福島県立医科大学 循環器内科学講座)

## ポスターセッション（日本語）16 (VD/RF)

3月29日(金) 10:20-11:10

展示ホール

### Atherosclerosis (Clinical/Diagnosis) 1

座長:

木庭 新治 (昭和大学 内科学講座・循環器内科学部門)

三好 亨 (岡山大学 循環器内科学)

- PJ016-1 Omega-3 Fatty Acids Treatment with Eicosapentaenoic Acid: Differences between Branded (EPADEL®) or Generic Products**  
諏訪 道博 (北摂総合病院 循環器科)
- PJ016-2 Switching DPP-4 Inhibitors to Tofogliflozin, A Selective Inhibitor of SGLT2 Improves Arterial Stiffness Evaluated by CAVI in Patients with Diabetes**  
戸次 宗久 (久米米大学 内科 心臓・血管内科)
- PJ016-3 Endothelial Dysfunction with Hyperhomocysteinemia Associated with the Cause of Chest Pain in Non-coronary Spasm Patients**  
山下 雄司 (東京労災病院 循環器科)
- PJ016-4 Different Association between Atherogenic Lipid Profiles and EPA/AA or DHA/AA in Male Patients with Coronary Artery Disease**  
荒井 研 (昭和大学 内科学講座循環器内科学部門)
- PJ016-5 Triglyceride Deposit Cardiomyovasculopathy Latency in Hemodialysis Patients**  
大西 知広 (成田記念病院 循環器内科)
- PJ016-6 Validity of the Superb Microvascular Imaging-based Vascular Index for Assessment of Endothelial Function**  
山中 卓之 (秋田大学 循環器内科学)
- PJ016-7 The Inverse Association between Lp (a) Levels and Metabolic Syndrome and Its Components on Non-diabetic CAD Patients**  
笠原 尚 (山陰労災病院 循環器科)

ポスターセッション（日本語）17 (VD/RF)

3月29日(金) 10:20-11:10

展示ホール

**Atherosclerosis (Clinical/Diagnosis) 2**

座長:

堀中 繁夫 (獨協医科大学 循環器・腎臓内科)

角田 史敬 (昭和大学藤が丘病院 循環器内科)

**PJ017-1 Impact of Epicardial Adipose Tissue Accumulation on Heart Calcification Assessed by Computed Tomography**

國田 英司 (広島市立安佐市民病院 循環器科)

**PJ017-2 Prediction of Coronary Artery Disease Using Brachial Arterial Volume Elastic Modulus by Oscillometric Method**

大下 千景 (JR広島病院 循環器内科)

**PJ017-3 The Relationship between Fatty Acid and Coronary Plaque is not Uniform**

石井 裕繁 (松江赤十字病院 循環器内科)

**PJ017-4 Peripheral Artery Disease Including Infrapopliteal Artery (IPA) Occlusion was Associated with Coronary Artery Disease (CAD)**

今枝 昇平 (足利赤十字病院 循環器内科)

**PJ017-5 Brachial-Ankle Pulse Wave Velocity and Cardio-Ankle Vascular Index as Prognostic Predictors**

阿藤 大 (学術支援株式会社)

**PJ017-6 Dimensions of Achilles Tendon by Ultrasonography is Associated with a Risk of Polyvascular Disease in Patients with Coronary Artery Disease**

徳江 政英 (東邦大学医療センター大橋病院 循環器内科)

**PJ017-7 Effect of Ankle Brachial Index Measurement on Central Aortic Blood Pressure in Patients with Peripheral Artery Disease**

三浦 俊哉 (産業医科大学 第2内科学)

ポスターセッション（日本語）18 (VD/RF)

3月29日(金) 10:20-11:10

展示ホール

**Diabetes**

座長:

梅本 富士 (自治医科大学さいたま医療センター 循環器内科)

松岡 哲郎 (兵庫県立西宮病院 循環器科)

**PJ018-1 Effect of Anagliptin and Sitagliptin on LDL-cholesterol in Type 2 Diabetic Patients with Dyslipidemia and Cardiovascular Risk Results from Reason Trial**

植田 真一郎 (琉球大学 臨床薬理学)

**PJ018-2 Semaglutide Consistently Reduces Cardiovascular Events in Both Male and Female Subjects with Type 2 Diabetes**

江口 航生 (ノボ ノルディスク ファーマ株式会社 開発本部 メディカル&サイエンティフィック アフェアーズ部)

**PJ018-3 Hypoglycemia in Acute Phase Detected by Contentious Glucose Monitoring System can Predict Poor Prognosis in Patients with STEMI**

高橋 広軌 (横浜市立大学市民総合医療センター 心臓血管センター内科)

**PJ018-4 The Effect of Sodium-glucose Cotransporter 2 Inhibitors on Global Longitudinal Strain**

上野 一弘 (上野循環器科・内科医院)

**PJ018-5 Nardilysin in Adipocyte Regulates Adipose Tissue Inflammation and Insulin Sensitivity**

松田 真太郎 (京都大学 循環器内科学)

**PJ018-6 Clinical Significance of Cardio-ankle Vascular Index in Patients with Type 2 Diabetes Mellitus with Chronic Heart Failure**

櫃本 孝志 (ひつもと内科循環器科医院)

**PJ018-7 Prognostic Impact of Baseline Glycated Hemoglobin Level in Peripheral Artery Disease Patients with and without Hemodialysis**

城谷 翔太 (東京女子医科大学 循環器内科)

## ポスターセッション（日本語）19 (SHD)

3月29日(金) 10:20-11:10

展示ホール

### Aortic Valve Stenosis

座長:

秦 広樹 (大阪大学 心臓血管外科)

神吉 佐智子 (大阪医科大学 胸部外科)

#### PJ019-1 Outcomes of Transcatheter Aortic Valve Implantation for Structural Valve Degeneration of Transcatheter Aortic Valve

津田 真希 (大阪大学 循環器内科学)

#### PJ019-2 Higher B-type Natriuretic Peptide Levels are not Associated with High Chamber Pressure but Eccentric Remodeling in Severe Aortic Stenosis Patients

傍島 光男 (富山大学 第2内科)

#### PJ019-3 Impact of Paradoxical Low-Flow Low-Gradient Aortic Stenosis on Prognosis in Patients Undergoing Transcatheter Aortic Valve Implantation

油布 邦夫 (大分大学 循環器内科・臨床検査診断学講座)

#### PJ019-4 The Predictor of Myocardial Injury after Balloon-Expandable Transcatheter Aortic Valve Implantation

佐藤 貴雄 (立川総合病院)

#### PJ019-5 Regression of Left Atrial Enlargement after Aortic Valve Replacement Contributes to Postoperative Asymptomatic Status in Patients with Aortic Stenosis

森本 順子 (和歌山県立医科大学 循環器内科)

#### PJ019-6 Impact of Preoperative Renal Dysfunction on Aortic Valve Surgery

豊田 泰幸 (佐久医療センター 心臓血管外科)

#### PJ019-7 The Improvement of Cardiac Sympathetic Nervous Activity in the Patients with Low-flow Severe Aortic Stenosis Underwent Transcatheter Aortic Valve Replacement

菊池 篤志 (大阪急性期・総合医療センター 心臓内科)

## ポスターセッション（日本語）20 (IMG)

3月29日(金) 10:20-11:10

展示ホール

### CT MRI Coronary/Vascular

座長:

木島 祥行 (星ヶ丘医療センター 循環器内科)

上原 雅恵 (東京大学 循環器内科)

#### PJ020-1 Evaluation of Plaque Characteristics with Multi-detector Row Computed Tomography Based on Diluted Contrast-injection Protocol Compared with Integrated Backscatter Intravascular Ultrasound

中尾 恭久 (愛媛大学 循環器・呼吸器・腎高血圧内科学)

#### PJ020-2 Association of Extremely High Levels of High-density Lipoprotein Cholesterol with Coronary Atherosclerosis in Patients who Underwent Coronary CT Angiography

田代 浩平 (福岡大学 心臓血管内科学)

#### PJ020-3 The Diagnostic Value of Trans-lesional CT-FFR Gradient to Detect Significant Angiographic Coronary Lesions

武田 義弘 (大阪医科大学 循環器内科)

#### PJ020-4 Inverse Correlation between Epicardial Adipose Tissue Volume and Liver Density Assessed by CT Angiography in Patients with Zero Calcium Score

石尾 直樹 (千葉市立青葉病院 循環器内科)

#### PJ020-5 Coronary Artery Calcium Score and Epicardial Adipose Tissue on Multidetector Computed Tomography Predict the Prognosis after Percutaneous Coronary Intervention

関本 輝雄 (昭和大学 内科学講座 循環器内科学部門)

#### PJ020-6 Natural History of Coronary Plaque Progression by Quantitative Assessment of Computed Tomography Coronary Angiography in Asymptomatic Patients with Diabetes Mellitus

田中 徹 (三井記念病院 循環器内科)

ポスターセッション（日本語）21 (IMG)

3月29日(金) 10:20-11:10

展示ホール

Echo for Arrhythmia

座長:

山下 英治 (群馬県立心臓血管センター)

中西 弘毅 (東京大学 循環器内科)

**PJ021-1 Chronic Kidney Disease can be a Predictor of Left Atrial Thrombogenic Milieu in Nonvalvular Atrial Fibrillation**

木澤 隼 (高槻赤十字病院 循環器科)

**PJ021-2 Prolongation of Atrial Electromechanical Delay can be a Predictor of Atrial Fibrillation**

赤松 加奈子 (大阪医科大学 循環器内科)

**PJ021-3 LVOT-VTI×Mean BP is The Useful Echocardiographic Index to Evaluate the Hemodynamic Status for Rapid Atrial Fibrillation**

岩橋 徳明 (横浜市立大学市民総合医療センター 心臓血管センター)

**PJ021-4 Is Tricuspid Valve Dysfunction after Pacemaker Implantation due to Pacemaker Lead or Right Ventricular Pacing?**

太田 佳宏 (兵庫医科大学 循環器内科)

**PJ021-5 Categorization of Left Ventricular Diastolic Dysfunction Using Three Dimensional Left Atrial Strains in Patients with Preserved Ejection Fraction**

辻内 美希 (昭和大学藤が丘病院 循環器内科)

**PJ021-6 Clinical Significance of Atrial Electromechanical Conduction Time during Long-term Follow-up in Patients after Catheter Ablation for Atrial Fibrillation**

藤井 昭 (愛媛大学 循環器呼吸器腎高血圧内科学講座 循環器内科)

**PJ021-7 Newly Detected Atrial Fibrillation after Echocardiographic Presentation of Pseudo-restrictive Filling of Transmitral Flow in Cases without History of Atrial Fibrillation**

永井 知雄 (東海大学 循環器内科学)

ポスターセッション（日本語）22 (O)

3月29日(金) 10:20-11:10

展示ホール

Cardio-Oncology

座長:

宗政 充 (国立病院機構岡山医療センター 循環器内科)

宮城 直人 (浦添総合病院 循環器科)

**PJ022-1 Usefulness of 2D Speckle Tracking Echocardiography for Early Detection of Chemotherapy-induced Cardiotoxicity in Patients with Breast Cancer**

後岡 広太郎 (東北大学 循環器内科学)

**PJ022-2 Cardiac Strain Detects Subclinical Decline of Cardiac Function after Hematopoietic Stem Cell Transplantation in Patients with Hematologic Malignancies**

大星 真貴子 (大阪国際がんセンター 腫瘍循環器科)

**PJ022-3 Impact of Tumor-Bearing on Left Ventricular Mechanical Dyssynchrony in Non-ischemic Heart Patients**

石川 昌弘 (日本医科大学武蔵小杉病院 循環器内科)

**PJ022-4 The Cardiovascular Outcome of Cancer Survivor in Patients with Diabetes Mellitus with Coronary Artery Disease: From CHD Cohort**

徳重 明央 (琉球大学 臨床薬理学)

**PJ022-5 Prognosis of Cancer-associated Venous Thromboembolism before the Direct Oral Anticoagulants Era**

大倉 裕二 (新潟県立がんセンター 腫瘍循環器科)

**PJ022-6 Ferroptosis Plays a Key Role in the Development of Doxorubicin-Induced Cardiomyopathy**

田所 知命 (九州大学 循環器内科)

**PJ022-7 Frequency of Secondary Findings of Cardiovascular Disease in Whole Exome Sequencing of Cancer Patients**

飯田 圭 (静岡県立静岡がんセンター 循環器内科)

March  
29  
AM

## ポスターセッション（日本語）23 (O)

3月29日(金) 10:20-11:10

展示ホール

### Exercise Test/Cardiac Rehabilitation 1

座長:

岡田 健一郎 (のぞみハートクリニック)

中山 敦子 (東京大学 循環器内科)

#### PJ023-1 Heat Increases Protein Synthesis System and Muscle Transcription Factors of Myoblast Cells

小尾 正太郎 (獨協医科大学研究支援センター)

#### PJ023-2 Effects of a Lumbar-type HAL on Cardiopulmonary Burden during Squat Exercise in Healthy Subjects

渡邊 大貴 (筑波大学サイバニクス研究センター)

#### PJ023-3 Exercise Intolerance is Associated with Abnormal Blood Pressure and Heart Rate Responses to Exercise in Patients with Chronic Heart Failure

川俣 博史 (松下記念病院 循環器内科)

#### PJ023-4 Effects of Low-intensity Resistance Training under Blood Flow Restriction on Skeletal Muscle Size and Its Safety in Cardiovascular Surgery Patients

小川 博永 (獨協医科大学 胸部外科)

#### PJ023-5 Relationship between a Novel Arterial Velocity Pulse Index and Physical Function in Patients Undergoing Cardiac Rehabilitation: Gender Difference Analyses

藤原 圭 (順天堂大学 循環器内科学)

#### PJ023-6 Clinical Utility of Six-minutes Walking Distance and Fluid Status on Assessment of Frailty in Patients with Chronic Heart Failure

杉原 早紀 (津山中央病院 心臓リハビリテーション室)

#### PJ023-7 Needs for Age-predicted Maximal Heart Rate Equation Specific to Atrial Fibrillation

加藤 祐子 (心臓血管研究所 循環器内科)

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

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

March 29 (Fri) 9:10-11:10  
411+412, 4F, Conference Center

Chairperson:

Yoshihiko Saito (Department of Cardiovascular Medicine, Nara Medical University, Kashihara)

- 1. Identification of Celastramycin as a Novel Therapeutic Agent for Pulmonary Arterial Hypertension -High-throughput Screening of 5,562 Compounds-**  
Ryo Kurosawa (Department of Cardiology, Tohoku University School of Medicine, Sendai)
- 2. Amphotericin Derived from Cardiac Macrophages Prevents Lethal Arrhythmias**  
Junichi Sugita (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)
- 3. Mef2c Directly and Indirectly Amplifies Cardiogenic Program Cooperating with p300 in Direct Cardiac Reprogramming**  
Hidenori Kojima (Department of Cardiology, Keio University School of Medicine, Tokyo)
- 4. In Vivo Direct Reprogramming of Fibroblasts into Cardiomyocytes Improves Cardiac Function in Chronic Heart Failure**  
Hidenori Tani (Department of Cardiology, Keio University School of Medicine, Tokyo)

## 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) 8:00-9:30  
会議センター 3階 [302]

ガイドラインに学ぶ 1

2017-2018 年度活動ガイドライン作成班報告

座長:

木村 剛 (京都大学 循環器内科)

- 1. 急性冠症候群ガイドライン (2018年改訂版)**  
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)
- 2. 慢性冠動脈疾患診断ガイドライン (2018年改訂版)**  
山岸 正和 (大阪人間科学大学 人間科学部)
- 3. 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  
中村 正人 (東邦大学医療センター大橋病院 循環器内科)  
荒井 裕国 (東京医科歯科大学 心臓血管外科)

## 日本循環器学会 委員会セッション (集中・救急医療部会)

3月29日(金) 9:40-11:10  
会議センター 3階 [302]

日本循環器学会蘇生科学シンポジウム

AHA ECC-JCS ジョイントセッション

IMPELLA

座長:

戸田 宏一 (大阪大学 心臓血管外科)

David Foster Gaieski (Thomas Jefferson University, PA, USA)

1. Navin K. Kapur (Tufts Medical Center, MA, USA)
- 2. Impella を用いた心原性ショック治療の実際 -適応から評価、チーム管理-**  
中田 淳 (日本医科大学 心臓血管集中治療科)
- 3. -IMPELLA- 臨床的立場から: 導入後・離脱**  
真玉 英生 (国立循環器病研究センター 心臓血管内科)
- 4. Current Status of IMPELLA in Japan: Report from Japanese IMPELLA Committee**  
戸田 宏一 (大阪大学 心臓血管外科)
- 5. Pressure-volume Loop の視点から考察した Impella の効果と可能性**  
有村 貴博 (福岡市民病院 循環器内科)

## チーム医療セッション シンポジウム 1

3月29日(金) 8:00-9:30

アネックスホール 2階 [F201+F202]

【日本緩和医療学会-日本循環器学会 ジョイントシンポジウム】

チームで取り組む循環器症状の緩和ケア

座長:

岸 拓弥 (九州大学循環器病未来医療研究センター)

三浦 雅郁子 (地域医療振興協会 (JADEC) 事務局 医療事業本部 地域看護介護部)

1. 多職種チームで患者のニーズやゴールに向かって協働するには?—資格取得前の医療職養成における多職種連携教育の意義—

榎田 めぐみ (昭和大 保健医療学部)

2. 循環器疾患患者の終末期医療に関する意思決定について

高宮 久美子 (奈良県立医科大学 看護部)

3. 「心不全緩和ケアカンファレンス」における、末期・終末期心不全患者の ICD/CRTD 設定変更の検討

若林 留美 (東京女子医科大学 看護部)

4. 心不全の緩和ケア実践における薬剤使用の経験と多職種の果たす役割

大石 醒悟 (兵庫県立姫路循環器病センター 循環器内科)

5. 開業医 (在宅医) が多職種連携チームで診る心不全緩和ケア 実情・課題・そして未来展望

土倉 潤一郎 (土倉内科循環器クリニック)

## チーム医療セッション 一般演題 (ポスター) 1

3月29日(金) 10:20-11:10

展示ホール

急性期看護 1

座長:

畠田 理佳 (京都学園大学 健康医療学部 看護学科)

CP01-1 日帰りカテーテルにおける橈骨動脈アプローチ CAG の止血時間短縮への試み—新しい TR バンドプロトコルの検討—

高松 幸子 (心臓病センター神原病院 看護部)

CP01-2 橈骨動脈および遠位橈骨動脈アプローチにおける圧迫固定部位の合併症と疼痛に関する比較検討

小梶 好美 (済生会神奈川県病院 看護部)

CP01-3 Impella10 症例を振り返って看護師の関わりと多職種連携を考察する

佐々木 友子 (日本医科大学 高度救命救急センター)

CP01-4 後期高齢者 (75 歳以上) 心不全患者における心不全再入院リスク因子の検討

佐藤 麻美 (心臓血管研究所)

CP01-5 Okamura Pain Scale (OPS) を使用した周術期疼痛評価の有用性

竹原 寛子 (岡村記念病院 看護部)

## チーム医療セッション 一般演題 (ポスター) 2 (O)

3月29日(金) 10:20-11:10

展示ホール

リハビリ 1

座長:

田屋 雅信 (東京大学 リハビリテーション部)

CP02-1 急性心筋梗塞患者に対する短期 stage up 心臓リハビリプログラムを用いた在院日数短縮への取り組み

赤阪 英樹 (淀川キリスト教病院 リハビリテーション課)

CP02-2 高齢心筋梗塞患者と高齢心不全患者の年代別比較 とくに、認知機能と身体機能について

永倉 豊 (奈良県立医科大学 医療技術センター)

CP02-3 回復期リハビリテーション病棟における心疾患を併存した高齢発症脳梗塞患者の BIA 法を用いた体成分の検討

池上 泰友 (愛仁会リハビリテーション病院 理学療法科)

CP02-4 運動療法は重症下肢虚血患者の歩行獲得に有用である

川村 耕平 (SUBARU健康保険組合 太田記念病院 リハビリテーション部)



- CP02-5** 急性心筋梗塞後心臓リハビリテーション3か月プログラム効果の発症1年後における変化：若年者と高齢者の比較  
北垣 和史（国立循環器病研究センター 循環器リハビリテーション部）
- CP02-6** 当院におけるAMI後外来心臓リハビリテーション実施者の運動耐容能向上に与える因子の検討  
加藤 直也（手稲溪仁会病院 リハビリテーション部）

### チーム医療セッション 一般演題（ポスター）3 (O)

3月29日(金) 10:20-11:10

展示ホール

リハビリ2

座長：

窪菌 琢郎（鹿児島大学 心臓血管・高血圧内科学）

- CP03-1** 高齢心不全患者に対する早期リハビリ介入は退院後再入院予防と関連する  
河野 裕治（藤田医科大学ばんだね病院 リハビリテーション部）
- CP03-2** 左室駆出率の保たれた心不全（HFpEF）患者の健康関連QOLの特徴についての検討  
三上 健太（帝京大学 心臓リハビリテーションセンター）
- CP03-3** フレイルの存在が心不全入院期間を延長させる  
赤井 祥恵（諏訪中央病院）
- CP03-4** 当院における高齢心不全患者の在院日数に影響を及ぼす因子の検討  
沢入 豊和（豊橋市民病院 リハビリテーションセンター）
- CP03-5** 心臓リハビリテーションを実施した心不全患者の貧血改善における運動耐容能の変化  
河野 亨太（産業医科大学若松病院 リハビリテーション部）
- CP03-6** 心不全維持透析患者に対する運動療法による効果の検討  
石川 平（甲府城南病院 臨床工学室）

### チーム医療セッション 一般演題（ポスター）4 (IMG)

3月29日(金) 10:20-11:10

展示ホール

画像1

座長：

中田 充（東北大学 診療技術部 放射線部門）

- CP04-1** FFR測定時における塩酸パバペリン投与後のニコランジル追加投与の有効性と安全性の検討  
田村 勝（済生会神奈川県病院 臨床工学科）
- CP04-2** FFRの測定時間がpressure driftに与える影響  
浅木 康志（愛媛大学 ME機器センター）
- CP04-3** 実臨床における二人の独立した測定者によるQFRの測定能の検討  
倉田 直哉（関西労災病院 臨床工学室）
- CP04-4** 末梢血管病患者における筋量の低下と動脈硬化の重症度の関係  
亀井 雅史（SUBARU健康保険組合 太田記念病院 画像診断部）
- CP04-5** 冠動脈CT検査におけるβ遮断薬の有用性について  
加瀬 悦子（CVIC心臓画像クリニック飯田橋）
- CP04-6** 心臓MRI検査における患者疲労度とその影響因子についての検討  
小林 真琴（CVIC心臓画像クリニック飯田橋）

### チーム医療セッション 一般演題（ポスター）5 (IMG)

3月29日(金) 10:20-11:10

展示ホール

エコー

座長：

小谷 敦志（近畿大学 中央臨床検査部）

- CP05-1** KL-6測定例でBNP値、経胸壁心エコー図検査実施済み症例での各測定パラメータ間の関連性分析  
鈴木 駿輔（静岡県立総合病院 検査技術室）
- CP05-2** 非侵襲的に心エコーにより得られる左室圧-容量曲線により求めたStroke workへの前負荷の影響  
大塚 真子（岐阜県総合医療センター 臨床検査科）

March  
29  
AM

- CP05-3** マラソン完走後の左房リザーバーストレインの反応を予測する指標の検討  
平田 有紀奈（徳島大学 超音波センター）
- CP05-4** 心房中隔欠損症患者における経胸壁心エコーで測定した右室拡張末期面積と心臓 MRI から得られた右室拡張末期容積の相関についての検討  
佐藤 翼（九州大学 医学研究院）
- CP05-5** **ABI>0.9** でありながら末梢動脈疾患有する患者を血圧脈波測定装置で同定する方法  
吉永 仁香（大阪府済生会中津病院 検査技術部）
- CP05-6** 下腿動脈 **Long CTO** に対する経皮的血管形成術の初期成功率と血管径の検討  
上田 志保（済生会西条病院 臨床検査部）

## Luncheon Seminar 1

3月29日(金) 11:30-12:20

会議センター 1階「メインホール」

リードスペースメーカーの現状と今後の展望

座長:

庄田 守男 (東京女子医科大学)

副島 京子 (杏林大学)

共催: 日本メドトロニック株式会社

## Luncheon Seminar 2

3月29日(金) 11:30-12:20

会議センター 3階「301」

循環器疾患と慢性便秘症～患者がトイレでイベントを起こさないために～

座長:

佐田 政隆 (徳島大学 循環器内科学)

中島 淳 (横浜市立大学 肝胆膵消化器病学教室)

共催: アステラス製薬株式会社

## Luncheon Seminar 3

3月29日(金) 11:30-12:20

会議センター 3階「302」

脂質異常症治療の新展開

～ $\omega$ 3系多価不飽和脂肪酸バランスの観点から～

座長:

室原 豊明 (名古屋大学 循環器内科学)

龍野 一郎 (東邦大学医療センター佐倉病院 内科学講座 (糖尿病・内分泌・代謝センター))

共催: 武田薬品工業株式会社

## Luncheon Seminar 4

3月29日(金) 11:30-12:20

会議センター 3階「303」

SGLT2iにおける最新の情報提供

座長:

尾野 亘 (京都大学 循環器内科)

### 1. SGLT2 阻害薬の薬剤特性を考慮した糖尿病治療

宮川 高一 (多摩センタークリニックみらい)

### 2. 合併症阻止を目指した糖尿病治療

～SGLT2 阻害薬の腎症保護効果～

山岸 昌一 (久留米大学 糖尿病性血管合併症病態・治療学)

共催: サノフィ株式会社

## Luncheon Seminar 5

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3月29日(金) 11:30-12:20

会議センター 3階 [304]

プレシジョンメディシン時代を見据えた高中性脂血症治療を考える

座長:

阿古 潤哉 (北里大学 循環器内科学)

1. スタチン残余リスクとしての高中性脂血症に立ち向かう  
高島 浩明 (愛知医科大学 内科学講座 循環器内科)
2. 今見直される中性脂肪マネジメント～動脈硬化予防のために～  
石橋 俊 (自治医科大学 内科学講座 内分泌代謝学部門)

共催: 興和創薬株式会社

## Luncheon Seminar 6

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3月29日(金) 11:30-12:20

会議センター 3階 [311+312]

尿毒症性毒素による慢性炎症と心血管イベント

座長:

北風 政史 (国立循環器病研究センター 臨床研究部)

吉田 雅幸 (東京医科歯科大学先進倫理医科学分野)

共催: 田辺三菱製薬株式会社

## Luncheon Seminar 7

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3月29日(金) 11:30-12:20

会議センター 3階 [313+314]

循環器疾患患者の睡眠時無呼吸症候群治療 真の治療ターゲットはどこなのか

座長:

安藤 真一 (九州大学 睡眠時無呼吸センター)

1. 虚血性心疾患における睡眠時無呼吸  
葛西 隆敏 (順天堂大学 循環器内科・心血管睡眠呼吸医学講座)
2. 不整脈診療における SAS 診療の意義  
草野 研吾 (国立循環器病研究センター 心臓血管内科)

共催: 帝人ファーマ株式会社/帝人在宅医療株式会社/レスメド株式会社

## Luncheon Seminar 8

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3月29日(金) 11:30-12:20

会議センター 3階 [315]

循環器疾患合併糖尿病における治療戦略

座長:

前村 浩二 (長崎大学 循環器内科学)

野出 孝一 (佐賀大学 内科学講座)

共催: 田辺三菱製薬株式会社/第一三共株式会社

## Luncheon Seminar 9

3月29日(金) 11:30-12:20

会議センター 4階 [411+412]

抗血小板薬による心血管イベント抑制～心筋梗塞後患者に対する抗血小板療法の意義～

座長:

天野 哲也 (愛知医科大学 循環器内科)

1. 心筋梗塞既往患者に残されたアンメットニーズ  
中川 義久 (滋賀医科大学 循環器内科)
2. スtent留置慢性心筋梗塞患者におけるチカグレロル 60mg の使用経験  
佐久間 一郎 (カレスサッポロ 北光記念クリニック)

共催: アストラゼネカ株式会社

## Luncheon Seminar 10

3月29日(金) 11:30-12:20

会議センター 4階 [413]

肥満を伴った2型糖尿病の病態と治療戦略

座長:

伊藤 正明 (三重大学 循環器・腎臓内科学)

戸邊 一之 (富山大学 内科学講座1)

共催: 大正富山医薬品株式会社

## Luncheon Seminar 11

3月29日(金) 11:30-12:20

会議センター 4階 [414+415]

入浴できる植込み型補助人工心臓: 更なるQOLの改善を目指して

座長:

松宮 護郎 (千葉大学 心臓血管外科)

戸田 宏一 (大阪大学 心臓血管外科)

共催: センチュリーメディカル株式会社

## Luncheon Seminar 12

3月29日(金) 11:30-12:20

会議センター 4階 [416+417]

心疾患を考慮した糖尿病治療

座長:

三浦 哲嗣 (札幌医科大学 循環器・腎臓・代謝内分泌内科学講座)

1. 病態を考えた指導および早期治療により得られるより良い血糖コントロールと合併症予防  
～腎機能への影響を踏まえて～  
今井 道生 (いまい内科ハートクリニック)
2. Innovation in Cardio-Diabetology—循環器診療における重要な変革期を迎えて  
坂東 泰子 (名古屋大学 循環器内科)

共催: MSD 株式会社

## Luncheon Seminar 13

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3月29日(金) 11:30-12:20

会議センター 4階 [418]

慢性心不全診療における画像モダリティの活用

座長:

竹石 恭知 (福島県立医科大学 循環器内科学講座)

1. 心不全診療における分子イメージングの有用性

田原 宣広 (久留米大学 内科学講座 心臓・血管内科部門/久留米大学 循環器病センター)

2. 心臓交感神経イメージングを日常臨床に活かす

橋本 暁佳 (札幌医科大学 病院管理学 兼 循環器・腎臓・代謝内分泌内科学講座)

共催: 日本心臓核医学会/日本核医学会/富士フィルム富山化学株式会社

## Luncheon Seminar 14

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3月29日(金) 11:30-12:20

会議センター 4階 [419]

脂質異常症合併 ACS 患者の治療戦略

座長:

小林 欣夫 (千葉大学 循環器内科学)

1. 高純度 EPA 投与の有効性を再考する

石井 秀樹 (名古屋大学 循環器内科)

2. 高純度 EPA 製剤の多面的作用を探る

坂本 知浩 (済生会熊本病院心臓血管センター 循環器内科)

共催: 持田製薬株式会社

## Luncheon Seminar 15

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3月29日(金) 11:30-12:20

会議センター 5階 [501]

IMPELLA - Improving Outcomes in Patients with Acute Heart Failure/Cardiogenic Shock

座長:

木村 剛 (京都大学 循環器内科)

Navin K. Kapur (Tufts Medical Center, USA)

共催: 日本アビオメッド株式会社

## Luncheon Seminar 16

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3月29日(金) 11:30-12:20

会議センター 5階 [502]

心房細動アブレーションのための Voltage Mapping :

HD Grid 電極がもたらす問い

座長:

茅田 浩 (福井大学病態制御医学講座 循環器内科学)

山口 尊則 (佐賀大学 循環器内科)

共催: アボットメディカルジャパン株式会社

## Luncheon Seminar 17

3月29日(金) 11:30-12:20  
会議センター 5階 [503]

### Triple Therapy for patients with AF and CAD: Where do we stand in 2019?

座長:

宮崎 俊一 (近畿大学 循環器内科学/大阪府済生会 富田林病院)

Renato D. Lopes (Division of Cardiology, Duke University Medical Center, Duke Clinical Research Institute, USA)

共催: ブリストル・マイヤーズ スクイブ株式会社/ファイザー株式会社

## Luncheon Seminar 18

3月29日(金) 11:30-12:20  
アネックスホール 2階 [F201+F202]

### 腎機能が低下した心房細動患者の抗凝固療法

座長:

清水 渉 (日本医科大学 循環器内科学分野)

#### 1. SAKURA AF Registry における腎機能低下例の特徴

奥村 恭男 (日本大学 内科学系循環器内科学分野)

#### 2. DOAC と腎保護作用

~実験的検討と臨床エビデンス~

富田 泰史 (弘前大学 循環器腎臓内科学講座)

共催: バイエル薬品株式会社

## Luncheon Seminar 19

3月29日(金) 11:30-12:20  
アネックスホール 2階 [F203+F204]

### WATCHMAN™ 左心耳閉鎖システム 一心原性脳卒中予防の新しい選択肢—

座長:

齋藤 滋 (湘南鎌倉総合病院 循環器科)

#### 1. The Credibility Revolution in NVAF Stroke Prevention

Martin W. Bergmann (Cardiologicum Hamburg, Germany)

#### 2. 本邦における左心耳閉鎖術を国内臨床試験の長期フォローアップから考える

青沼 和隆 (筑波大学 循環器内科)

共催: ボストン・サイエンティフィック ジャパン株式会社

## Luncheon Seminar 20

3月29日(金) 11:30-12:20  
アネックスホール 2階 [F205+F206]

### MitraClip COAPT

座長:

新浪 博士 (東京女子医科大学)

#### 1. COAPT Trial outcomes

JoAnn Lindenfeld (Vanderbilt University Medical Center, USA)

#### 2. COAPT から日本の MitraClip の現状と未来を考える

松本 崇 (仙台厚生病院)

共催: アボットバスキュラー ジャパン株式会社/アボットメディカルジャパン株式会社