

## 循環器内科学分野

### 論文

#### A 欧文

##### A-a

1. Ishige-Wada M, Kwon S-M, Eguchi M, Hozumi K, Iwaguro H, Matsumoto T, Fukuda N, Mugishima H, Masuda H, Asahara T: Jagged-1 signaling in the bone marrow microenvironment promotes endothelial progenitor cell expansion and commitment of CD133+ human cord blood cells for postnatal vasculogenesis. *PLoS One* 11(11): e0166660, 2016 (IF: 3.057)
2. Sumi M, Hashizume K, Miura T, Tanigawa K, Matsukuma S, Eishi K, Ikeda S, Maemura K, Ashizawa N, Araki O: Surgical repair of pulmonary artery dissection in a patient with 10-year history of Takayasu's arteritis. *Gen Thorac Cardiovasc Surg* 64(12): 745-748, 2016
3. Komura D, Isagawa T, Kishi K, Suzuki R, Sato R, Tanaka M, Katoh H, Yamamoto S, Tatsuno K, Fukayama M, Aburatani H, Ishikawa S: CASTIN: a system for comprehensive analysis of cancer-stromal interactome. *BMC Genomics* 17(1): 899, 2016 (IF: 3.867)
4. Ito T, Matsubara D, Tanaka I, Makiya K, Tanei ZI, Kumagai Y, Shiu SJ, Nakaoka HJ, Ishikawa S, Isagawa T, Morikawa T, Shinozaki-Ushiku A, Goto Y, Nakano T, Tsuchiya T, Tsubochi H, Komura D, Aburatani H, Dobashi Y, Nakajima J, Endo S, Fukayama M, Sekido Y, Niki T, Murakami Y: Loss of YAP1 defines neuroendocrine differentiation of lung tumors. *Cancer Sci* 107(10): 1527-1538, 2016 (IF: 3.896)
5. Semba H, Takeda N, Isagawa T, Sugiura Y, Honda K, Wake M, Miyazawa H, Yamaguchi Y, Miura M, Jenkins DM, Choi H, Kim JW, Asagiri M, Cowburn AS, Abe H, Soma K, Koyama K, Katoh M, Sayama K, Goda N, Johnson RS, Manabe I, Nagai R, Komuro I: HIF-1 $\alpha$ -PDK1 axis-induced active glycolysis plays an essential role in macrophage migratory capacity. *Nat Commun* 7: 11635, 2016 (IF: 11.329)
6. Tahara N, Dobashi H, Fukuda K, Funauchi M, Hatano M, Ikeda S, Joho S, Kihara Y, Kimura T, Kondo T, Matsushita M, Minamino T, Nakanishi N, Ozaki Y, Saji T, Sakai S, Tanabe N, Watanabe H, Yamada H, Yoshioka K, Sasayama S: Efficacy and safety of a novel endothelin receptor antagonist, macitentan, in Japanese patients with pulmonary arterial hypertension. *Circ J* 80(6): 1478-1483, 2016 (IF: 4.124)
7. Tsuneto A, Eishi K, Miura T, Tanigawa K, Matsukuma S, Minami T, Koide Y, Ikeda S, Kawano H, Maemura K: Comparison of saddle-shape flexibility and elliptical-shape stability between Cosgrove-Edwards and Memo-3D annuloplasty rings using three-dimensional analysis software. *Gen Thorac Cardiovasc Surg* 64(6): 325-332, 2016
8. Tomiyama H, Miwa T, Kan K, Matsuhisa M, Kamiya H, Nanasato M, Kitano T, Sano H, Ohno J, Iida M, Sata M, Yamada H, Maemura K, Tanaka A, Murohara T, Node K: Impact of glycemic control with sitagliptin on the 2-year progression of arterial stiffness: a sub-analysis of the PROLOGUE study. *Cardiovasc Diabetol* 15(1): 150, 2016 (IF: 4.534)
9. Tanaka A, Murohara T, Taguchi I, Eguchi K, Suzuki M, Kitakaze M, Sato Y, Ishizu T, Higashi Y, Yamada H, Nanasato M, Shimabukuro M, Teragawa H, Ueda S, Kodera S, Matsuhisa M, Kadokami T, Kario K, Nishio Y, Inoue T, Maemura K, Oyama J, Ohishi M, Sata M, Tomiyama H, Node K and Investigators PS; Rationale and design of a multicenter randomized controlled study to evaluate the preventive effect of ipragliflozin on carotid atherosclerosis: the PROTECT study. *Cardiovasc Diabetol* 15(1): 133, 2016 (IF: 4.534)
10. Oyama J, Tanaka A, Sato Y, Tomiyama H, Sata M, Ishizu T, Taguchi I, Kuroyanagi T, Teragawa H, Ishizaka N, Kanzaki Y, Ohishi M, Eguchi K, Higashi Y, Yamada H, Maemura K, Ako J, Bando YK, Ueda S, Inoue T, Murohara T, Node K and Investigators PS; Rationale and design of a multicenter randomized study for evaluating vascular function under uric acid control using the xanthine oxidase inhibitor, febuxostat: the PRIZE study. *Cardiovasc Diabetol* 15: 87, 2016 (IF: 4.534)
11. Oyama J, Murohara T, Kitakaze M, Ishizu T, Sato Y, Kitagawa K, Kamiya H, Ajioka M, Ishihara M, Dai K, Nanasato M, Sata M, Maemura K, Tomiyama H, Higashi Y, Kaku K, Yamada H, Matsuhisa M, Yamashita K, Bando YK, Kashihara N, Ueda S, Inoue T, Tanaka A, Node K and Investigators PS; The Effect of Sitagliptin on Carotid Artery Atherosclerosis in Type 2 Diabetes: The PROLOGUE Randomized Controlled Trial. *PLoS Med* 13(6): e1002051, 2016 (IF: 13.585)
12. Koike H, Sueyoshi E, Sakamoto I, Uetani M, Nakata T and Maemura K: Quantification of lung perfusion blood volume (lung PBV) by dual-energy CT in patients with chronic thromboembolic pulmonary hypertension (CTEPH) before and after balloon pulmonary angioplasty (BPA): Preliminary results. *Eur J Radiol* 85(9): 1607-1612, 2016 (IF: 2.593)
13. Kawano H, Maemura K: Edoxaban Was Effective for the Treatment of Deep Vein Thrombosis and Pulmonary Thromboembolism in a Cancer Patient with Antithrombin III Deficiency. *Intern Med* 55(22): 3285-3289, 2016 (IF: 0.832)
14. Kawano H, Kawamura K, Ishijima M, Hayashi T, Abe K, Kawai K, Maemura K: Myocardial fragmentation associated with disruption of the Z-band in hypertrophic cardiomyopathy in Noonan syndrome. *Cardiovasc Pathol* 25(4): 329-332, 2016 (IF: 2.190)
15. Kawano H, Inoue K, Matsumoto Y, Sato O, Arakawa S, Nakatomi D, Yamasa T, Aoki S, Maemura K: Calcification around the Struts of a Sirolimus-eluting Stent Approximately 16 Months after Implantation in an Autopsy Case. *Intern Med* 55(4): 353-358, 2016 (IF: 0.832)

16. Kajimoto K, Sato N, Takano T and ATTND investigators: eGFR and outcomes in patients with acute decompensated heart failure with or without elevated BUN. *Clin J Am Soc Nephrol* 11(3): 405-412, 2016 (IF: 4.657)
17. Haruta D, Akahoshi M, Hida A, Sera N, Imaizumi M, Ichimaru S, Nakashima E, Takahashi I, Ohishi W, Fukae S and Maemura K: Prognostic Significance of Premature Ventricular Contractions without Obvious Heart Diseases Determined by Standard 12-Lead Electrocardiography Considering their Morphology. *Ann Noninvasive Electrocardiol* 21(2): 142-151, 2016 (IF: 1.569)
18. Matsukuma S, Eishi K, Tanigawa K, Miura T, Matsumaru I, Hisatomi K, Tsuneto A: Swinging calcified amorphous tumors with related mitral annular calcification. *Ann Thorac Surg* 101(4): e103-e105, 2016 (IF: 3.021)
19. Matsukuma S, Eishi K, Tanigawa K, Miura T, Matsumaru I, Hisatomi K, Tsuneto A: Afebrile pannus-induced blood culture-negative mechanical valve endocarditis. *Ann Thorac Surg* 102(6): e511-e513, 2016 (IF: 3.021)

#### A-b

1. Takeda N, Maemura K: Circadian clock and the onset of cardiovascular events. *Hypertens Res* 39(6): 383-390, 2016 (IF: 3.208)

#### A-e

1. Tomiyama H, Kohro T, Higashi Y, Takase B, Suzuki T, Ishizu T, Ueda S, Yamazaki T, Furumoto T, Kario K, Inoue T, Koba S, Takemoto Y, Hano T, Sata M, Ishibashi Y, Node K, Maemura K, Ohya Y, Furukawa T, Itoh H: Reliability of Endothelial Function Assessment Using a Semi-automated Device across Multiple Institutions and Establishment of Normal/Reference Values. *Circ J* 80(Suppl. I): I-657, 2016
2. Mashimo Y, Nakashima H, Kurobe M, Minami K, Mutoh S, Furudono S, Suenaga H, Nunohiro T, Takeshita S, Maemura K: Impact of Central Sleep Apnea on Infarct Size and Left Ventricular Systolic Function in Patients with Acute Myocardial Infarction. *Circ J* 80(Suppl. I): I-1247, 2016
3. Nakatomi D, Koga S, Nakata T, Yonekura T, Katayama T, Koide Y, Ikeda S, Kawano H, Maemura K: Circulating Serum High Mobility Group Box 1 Level is Associated with Severity of Coronary Artery Disease Assessed by Gensini Score. *Circ J* 80(Suppl. I): I-1539, 2016
4. Kurobe M, Mashimo Y, Kaibara S, Kazutoshi Minami, Mutoh S, Furudono S, Suenaga H, Nunohiro T, Takeshita S, Nakashima H, Maemura K: Impact of Plasma Renin Activity on Long-Term Clinical Outcomes in Patients with Acute Myocardial Infarction. *Circ J* 80(Suppl. I): I-1657, 2016
5. Tsuneto A, Kawano H, Chiba A, Sato D, Uchida Y, Minami T, Koga S, Koide Y, Ikeda S, Maemura K: Reduced Three-dimensional Tricuspid Annular Height Change in Pulmonary Hypertension Patients Even without Significant Tricuspid Regurgitation. *Circ J* 80(Suppl. I): I-1741, 2016
6. Tsuneto A, Eishi K, Chiba A, Sato D, Uchida Y, Minami T, Koide Y, Ikeda S, Kawano H, Tanigawa K, Miura T, Maemura K: Impact of Aortic Valve Systolic Phase Short Axis Measurements for Prediction of Aortic Regurgitation Caused by Aortic Root Dilatation. *Circ J* 80(Suppl. I): I-1872, 2016
7. Akashi R, Koga S, Nakata T, Yonekura T, Katayama T, Yuji Koide, Ikeda S, Kawano H, Maemura K: Cardio-ankle Vascular Index can Predict the Coronary Plaque Components Assessed by iMap-intravascular Ultrasound. *Circ J* 80(Suppl. I): I-1948, 2016
8. Kawano H, Yonekura T, Nakata T, Izumida S, Koga S, Katayama T, Koide Y, Ikeda S, Tsuneto A, Maemura K: Endothelial Dysfunction is Related to Exercise Tolerance and Myocyte Degeneration in Dilated Cardiomyopathy. *Circ J* 80(Suppl. I): I-1998, 2016
9. Eguchi M, Ikeda S, Eto M, Sato D, Nakata T, Yonekura T, Koga S, Katayama T, Koide Y, Kawano H, Maemura K: Comprehensive Screening of Circulating microRNAs as a Novel Biomarker for Connective Tissue Disease-Pulmonary Arterial Hypertension. *Circ J* 80(Suppl. I): I-2238, 2016
10. Seko Y, Yao T, Eguchi M, Maemura K: Oxidative Stress-Responsive Apoptosis Inducing Protein (ORAIP) is Implicated in the Pathogenesis of Pulmonary Arterial Hypertension (PAH). *Circ J* 80(Suppl. I): I-2239, 2016
11. Furudono S, Mashimo Y, Kaibara S, Kurobe M, Minami K, Mutoh S, Suenaga H, Nunohiro T, Takeshita S, Nakashima H, Maemura K: Relationship between Sleep-disordered Breathing and Acute Kidney Injury in Patients with Acute Myocardial Infarction. *Circ J* 80(Suppl. I): I-2415, 2016
12. Furudono S, Mashimo Y, Kaibara S, Kurobe M, Minami K, Mutoh S, Suenaga H, Nunohiro T, Takeshita S, Hiroshi Nakashima, Maemura K: Impact of Central and Obstructive Sleep Apnea on Long-term Clinical Outcomes in Patients with Acute Myocardial Infarction. *Circ J* 80(Suppl. I): I-2418, 2016
13. Nakata T, Ikeda S, Usui S, Koga S, Katayama T, Koide Y, Kawano H, Maemura K: Effects of Febuxostat and Benzbromarone on Endothelial Function in Hyperuricemia Patients: A Randomized Cross-over Study. *Circ J* 80(Suppl. I): I-2457, 2016
14. Nakashima H, Mashimo Y, Kurobe M, Minami K, Mutoh S, Furudono S, Suenaga H, Nunohiro T, Takeshita S, Maemura K: High Plasma D-dimer Levels Predicts Death in Patients with Suspected Acute Cardiovascular Presentation. *Circ J* 80(Suppl. I): I-2484, 2016
15. Izumida S, Koga S, Nakata T, Yonekura T, Katayama T, Koide Y, Ikeda S, Kawano H, Maemura K: Examination about the Association between EPA Internal Use and Coronary Plaque Property. *Circ J* 80(Suppl. I): I-2546, 2016

16. Eto M, Ikeda S, Yoshida T, Yamagata Y, Nakata T, Koga S, Kawano H, Maemura K: Available Electrocardiogram Signs for Predicting over 25mmHg of Mean Pulmonary Arterial Pressure Combined with Tricuspid Valve Regurgitation Velocity by Echocardiography. *Circ J* 80(Suppl. I): I-2583, 2016
17. Furudono S, Mashimo Y, Kaibara S, Yunoki T, Minami K, Mutoh S, Suenaga H, Nunohiro T, Takeshita S, Nakashima H, Maemura K: Relationship between Low-density Lipoprotein/High-density Lipoprotein Ratio and Fibrous Cap Thickness in Patients with Acute Myocardial Infarction. *Circ J* 80(Suppl. I): I-2609, 2016
18. Koga K, Ikeda S, Yonekura T, Nakata T, Katayama T, Koide Y, Kawano H, Maemura K: Ankle-brachial Index is Associated with the Severity and Characteristics of Coronary Atherosclerosis: Assessment by Gensini Score, IVUS, and OCT. *Circ J* 80(Suppl. I): I-2674, 2016
19. Nunohiro N, Kurobe M, Minami K, Mutoh S, Furudono S, Takeshita S, Nakashima H, Koji Maemura: Association of Serum Free Testosterone with Insulin Resistance in Acute Myocardial Infarction. *Circ J* 80(Suppl. I): I-2940, 2016
20. Koga S, Ikeda S, Nakata T, Yonekura T, Katayama T, Koide Y, Kawano H, Maemura K: Prediction of periprocedural myocardial infarction following percutaneous coronary intervention by multimodal imaging of gray-scale, iMap-intravascular ultrasound, and optical coherence tomography. *Eur Heart J* 37(Suppl. I): 488, 2016
21. Koga S, Ikeda S, Nakata T, Yonekura T, Katayama T, Koide Y, Kawano H, Maemura K: Lower serum Klotho levels are associated with increased calcified components in coronary culprit lesions determined by iMap-intravascular ultrasound. *Eur Heart J* 37(Suppl. I): 1375, 2016
22. Tsuneto A, Eishi K, Kojima S, Kimura Y, Sakaguchi N, Chiba A, Sato D, Minami T, Katayama T, Koide Y, Ikeda S, Kawano H, Tanigawa K, Miura T, Maemura K: Importance of aortic valve short axis measurements for prediction of aortic regurgitation caused by aortic root dilatation. *Eur Heart J* 37(Suppl. I): 352, 2016

## B 邦文

### B-b

1. 前村浩二：睡眠・サーカディアンリズムと高血圧・循環器疾患. *心臓* 48 (3) : 358-361, 2016
2. 池田聡司, 古賀聖士, 前村浩二: 特集 内科診断の道しるべ その症候、どう診る どう考える: 呼吸困難. *Medicina* 2016 増刊号 53(4): 240-246, 2016
3. 深江学芸: 特集 不整脈薬物の過去・現在・未来. *Ca 拮抗薬の使い方. 循環器内科* 80(1): 31-36, 2016

### B-c

1. 前村浩二：川崎病の診断と管理. (永井良三 総監修・責任編集: 循環器研修ノート 改訂第2版, 診断と治療社, 東京, pp.399-402 所収) 2016
2. 池田聡司, 前村浩二：動脈硬化. (堀正二 監修, 永井良三, 伊藤 浩 (編) : 循環器疾患 最新の治療 2016-2017, 南江堂, 東京, pp.485-490 所収) 2016
3. 前村浩二：血圧変動の異常とメカニズム 時計遺伝子と血圧変動. (楽木宏実 (編) : 血圧変動 エビデンス&プラクティス, 先端医学社, 東京, pp.40-43 所収) 2016
4. 前村浩二：心臓神経症. (山口徹, 北原光夫 監修 : 今日の治療指針 2016, 医学書院, 東京, pp.479-480 所収) 2016

### B-e

1. 千葉章代, 南 貴子, 坂口能理子, 佐藤大輔, 古賀聖士, 内田祐里, 恒任 章, 河野浩章, 山近史郎, 前村浩二 : 経胸壁心エコー図で子宮平滑筋腫からの転移性心臓腫瘍を認めた一例. *超音波医学* 43(1): 156, 2016
2. 佐藤大輔, 恒任 章, 千葉章代, 内田祐里, 南 貴子, 小出優史, 池田聡司, 河野浩章, 山近史郎, 前村浩二 : 経胸壁心エコー図で通常とは著しく異なる方向への血流を認めた動脈管開存症の一例. *超音波医学* (43)1: 161, 2016
3. 南 貴子, 浅田綾子, 坂口能理子, 千葉章代, 佐藤大輔, 内田祐里, 恒任 章, 山近史郎, 河野浩章, 前村浩二 : 左室心尖部に大量血栓を認めた好酸球増多症候群の一例. *超音波医学* 43(1) : 165, 2016
4. 内田祐里, 浅田綾子, 千葉章代, 泉田誠也, 佐藤大輔, 恒任 章, 南 貴子, 山近史郎, 河野浩章, 前村浩二 : 肺動脈拡張を伴う二尖肺動脈弁狭窄症の一例. *超音波医学* 43(1) : 167, 2016
5. 恒任 章, 千葉章代, 佐藤大輔, 米倉 剛, 土居寿志, 内田祐里, 南 貴子, 白石亜季, 川浪のぞみ, 坂口能理子, 古島早苗, 木村由美子, 森内拓治, 小出優史, 池田聡司, 河野浩章, 江石清行, 前村浩二 : 修正大血管転位に重症三尖弁閉鎖不全症による心不全を合併した二症例. *日本成人先天性心疾患学会雑誌* 5(1): 128, 2016
6. 池田聡司, 前村浩二 : 静脈血栓症の診断と治療—最近の話題より— . *日本透析医学雑誌* 31(1): 132-139, 2016
7. 河野浩章, 米倉 剛, 中田智夫, 古賀聖士, 片山敏郎, 深江学芸, 小出優史, 池田聡司, 安倍邦子, 前村浩二 : 劇症型心筋炎における急性期の心筋生検所見と回復期の心臓 MRI 所見の検討. *日本内科学会雑誌* (臨時増刊号) 105 : 201, 2016

8. 小出優史, 中嶋 寛, 波多史朗, 石崎正彦, 於久幸治, 山口研児, 片山敏郎, 池田聡司, 河野浩章, 前村浩二: 長崎県における急性心筋梗塞登録事業. 日本内科学会雑誌 (臨時増刊号) 105 : 202, 2016
9. 古賀聖士, 池田聡司, 中田智夫, 米倉 剛, 片山敏郎, 小出優史, 河野浩章, 前村浩二: 留置 10 年以上経過したペアメタルステント内の新生動脈硬化に関連した患者および病変背景の検討: OCT による観察. 日本内科学会雑誌 (臨時増刊号) 105 : 247, 2016
10. 河野浩章: 増加する高齢者心不全の再発予防 RAAS 系阻害薬を中止/減量すべき (Con サポート症例). 日本老年医学会雑誌 (臨時増刊号) 531 : 53, 2016
11. 恒任 章, 江石清行, 三浦 崇, 松丸一朗, 古島早苗, 木村由美子, 坂口能理子, 南 貴子, 河野浩章, 前村浩二: 左室形成・テザリング軽減術における心エコーの役割. Jpn J Med Ultrasonics 43(Suppl): 264, 2016
12. 千葉章代, 恒任 章, 木村由美子, 古島早苗, 土居寿志, 佐藤大輔, 南 貴子, 内田祐里, 河野浩章, 前村浩二: 心臓原発巨大 B 細胞性リンパ腫の 2 症例. Jpn J Med Ultrasonics 43(Suppl): 780, 2016
13. 前村浩二: 日本循環器学会 Information 第 16 回プレスセミナー (2016 年 1 月 13 日・東京) 全身の動脈硬化を包括的に診る. Therapeutic Research 37(3): 197, 2016

## 学会発表数

A-a	A-b		B-a	B-b	
	シンポジウム	学会		シンポジウム	学会
1	0	5	2	4	60