ランチョンセミナー　第30回日本心電学会学術集会 (青森), 2013. 10.11.

36. 清水　渉: 心房細動治療における抗凝固療法-抗凝固薬の使い分け-　ランチョンセミナー　第50回記念日本臨床生理学会総会 (東京) 2013. 11.9.
37. Hasegawa K, Ohno S, Itoh H, Hattori T, Makiyama T, Toyoda F, Ding WG, Chinushi M, Matsuura H, Horie M: A Novel KCNQ1 missense mutation identified in a patient with juvenile-onset atrial fibrillation causes constitutive open IKs channel. 第77回日本循環器学会学術集会 (横浜) 2013.3.15-17.
38. Horie M, Ohno S, Itoh H, Hayashi H, Kimura H, Hattori T, Kawamura M, Naiki N, Dochi K, Hasegawa K, Makiyama T: Genetic and acquired background of fatal arrhythmias. 第77回日本循環器学会学術集会 (横浜) 2013.3.15-17.
39. Wang Q, Ohno S, Miyamoto A, Itoh H, Ding WG, Wu Jie, Kimura H, Makiyama T, Matsuura H, Horie M: Gain of function in IKr channels caused by three novel KCNH2 mutations which were identified in patients with Brugada-like ECG. 第77回日本循環器学会学術集会 (横浜) 2013.3.15-17.
40. Kato K, Makiyama T, Kimura H, Naiki N, Itoh H, Ohno S, Horie M: Sick sinus syndrome prevalence in Japanese sodium channelopathy. 第77回日本循環器学会学術集会 (横浜) 2013.3.15-17.
41. Sekiguchi Y, Takagi M, Aihara N, Yokoyama Y, Aonuma K, Hiraoka M: New mechanism of ventricular arrhythmias in the patients with idiopathic ventricular fibrillation; from the J-IVFS database. 第77回日本循環器学会学術集会(横浜), 2013. 3. 15.
42. Kaneshiro T, Kato Y, Sekiguchi Y, Tada H, Nogami A, Goya M, Takagi M, Horigome H, Aonuma K: Prognostic effects of catheter ablation targeting the triggering arrhythmia in inherited chatecholaminergic polymorphic ventricular tachycardia and Brugada syndrome. 第77回日本循環器学会学術集会(横浜), 2013. 3. 15.
43. 蒔田直昌. 第18回日本小児心電学会特別講演「致死性不整脈の遺伝子基盤に関する新展開」(宮崎) 2013. 11. 30
44. 福田恵一. 山田和生招聘講演：iPS細胞およびGWAS研究から見えてくる遺伝性QT延長症候群を巡る諸問題の現状と将来展望. 第30回日本心電学会学術集会. (弘前) 2013. 10. 11.
45. 吉永正夫、九町木綿、牛ノ濱大也、堀米仁志、清水　渉、堀江　稔. 学校心臓検診で抽出されたQT延長症候群患児の遺伝学的特徴. 第61回日本心臓病学会学術集会 (熊本) 2013. 9. 22.
46. 吉永正夫、佐藤誠一、牛ノ濱大也、住友直方、堀米仁志、岩本眞理、田内宣生、長嶋正實. 心臓検診で抽出されるQT延長症候群 (LQTS) 患児の症状出現予測に関する研究. 第30回日本心電学会学術集会 (弘前) 2013. 10. 12.
47. 加藤 愛章, 高橋 実穂, 林 立申, 中村 昭宏, 石川 伸行, 今川 和生, 野崎 良寛, 関口 幸夫, 青沼 和隆, 堀米 仁志: カテコラミン誘発多形性心室頻拍に対する非薬物治療. 第49回日本小児循環器学会総会・学術集会 (東京) 2013. 7. 11.
48. 二宮由美子、九町木綿、田中裕治、吉永正夫、岩本眞理、牛ノ濱大也、住友直方、堀米仁志、長嶋正實: 学校心臓検診で抽出されたQT延長症候群の遺伝学的特徴の検討、シンポジウムI Chanelopathyの管理–そのエビデンス、第49回日本小児循環器学会 (東京) 2013. 7. 12.

49. Harrell DT, Tominaga I, Abe K, Watabe T, Oginosawa Y, Okishige K, Abe H, Sumitomo N, Uno K, Takano M, Makita N: Clinical and genetic characteristics of short QT syndrome in Japan. 第77回日本循環器学会学術集会 (横浜), 2013. 3. 16.
50. 牛ノ濱大也、石川友一、中村　真、佐川浩一、石川央朗、住友直方 : Catecholamindegic-induced VT(CPVT)に対する新しい薬物治療. 第49回日本小児循環器学会 (東京) 2013. 7. 12.
51. 小森暁子、住友直方、加藤雅崇、趙　麻未、渡辺拓史、大熊洋美、阿部百合子、市川理恵、福原淳示、松村昌治、神山　浩、鮎沢　衛、高橋昌里：当院管理中のQT延長症候群の特徴、第30回日本心電学会 (青森) 2013. 10. 12.
52. 森田　宏. Back to the history -Importance of family history of sudden death in Brugada syndrome-.シンポジウム5 「New Insights: from Diagnosis to Treatment in Patients with Ventricular Fibrillation without Structural Heart Disease 」第28回日本不整脈学会学術大会 (東京)、2013. 7.5.
53. Wada T, Morita H, Kubo M, Nakagawa J, Tanaka M, Nishii N, Nagase N, Nakamura K, Kono K, Kusano K, Ito H. The Investigation about the Indication of Implantable Cardioverter Defibrillator Implantation in Patients with Brugada Syndrome for Primary Prevention. シンポジウム7 「Novel Strategy: Dealing with Sudden Cardiac Death」. 第28回日本不整脈学会学術大会 (東京) 2013. 7. 6.
54. Morita H, Miyaji K, Take Y, Nakagawa K, Tanaka M, Nishii N, Nagase S, Kusano K, Ito H. Fever Not Only Unmasks Brugada-Type ECG but Also Exaggerates Depolarization Parameters. 第77回日本循環器学会学術集会 (横浜) 2013.3.17.
55. Tokioka K, Kusano K, Morita H, Miyoshi T, Nishii N, Hashimoto K, Nagase S, Nakamura K, Kohno K, Itoh H. Deporalization and Repolarization Abnormalities are Independently Associated with Ventricular Fibrillation Episodes in Brugada Syndrome.第77回日本循環器学会学術集会 (横浜) 2013. 3. 17.
56. 牧山 武: Disease Modeling in Human Induced Pluripotent Stem Cells -Catecholaminergic Polymorphic Ventricular Tachycardia-, 第77回日本循環器学会学術集会 (横浜) 3.15-17, 2013
57. 佐々木健一, 牧山　武: O Ca^{2+} Imaging of cardiomyocytes differentiated from human induced pluripotent stem cells in catecholaminergic polymorphic ventricular tachycardia, 第77回日本循環器学会学術集会 (横浜) 3. 15-17, 2013
58. 佐々木健一, 牧山　武: One year assessment of ion channel gene expression in cardiomyocytes derived from human induced pluripotent stem cells, 第77回日本循環器学会学術集会 (横浜) 3. 15-17, 2013
59. Yimin W, 牧山　武: Identification of cardiomyocytes derived from human induced pluripotent stem cells using a cardiac specific lentiviral vector, 第77回日本循環器学会学術集会 (横浜) 3. 15-17, 2013
60. 牧山　武: iPS細胞由来の不整脈疾患モデル心筋細胞. 学術委員会指定トピックス「iPS細胞の臨床応用—現状と展望—」第30回日本心電学会学術集会(弘前), 10. 11-13, 2013
61. 渡部　裕: Variants in SCN5A promoter and regulatory regions associated with various arrhythmias. 第77回日本循環器学会学術集会 (横浜) 2013. 3. 15.

62. 中野由紀子: 1141-3C>A Polymorphism is linked to H558R polymorphism: Genetic modulators of Brugada syndrome. 第77回日本循環器学会学術集会 (横浜) 2013. 3. 17.

G．知的財産権の取得状況

1. 特許取得

なし

2. 実用新案登録

なし

3. その他

なし

別紙４

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書　籍　名	出版社名	出版地	出版年	ページ
清水　渉	X 不整脈. 11. QT 延長症候群	堀　正二, 永井良三	循環器疾患最新の治療 2014-2015	南江堂	東京	2014	305-308
清水　渉	QT延長症候群	山口　徹, 北原光夫, 福井次矢	『今日の治療指針』2014年版	医学書院	東京	2014	374-375
Shimizu W, Ackerman MJ	Chapter 50, Provocative (drug) testing in inherited arrhythmias.	Gussak I, Antzelevitch C, Wilde A, Powell B, Ackerman MJ, Shen WK	Electrical Diseases of the Heart (Second edition): Genetics, Mechanisms, Treatment, Prevention, Part IV. Clinical rhythmology: Diagnostic methods and tools	Springer	Oxford, UK	2014	in press
Shimizu W, Ackerman MJ	Chapter 50, Provocative (drug) testing in inherited arrhythmias.	Gussak I, Antzelevitch C, Wilde A, Powell B, Ackerman MJ, Shen WK	Electrical Diseases of the Heart (Second edition): Genetics, Mechanisms, Treatment, Prevention, Part IV. Clinical rhythmology: Diagnostic methods and tools	Springer	Oxford, UK	2014	in press
清水　渉	5. 循環器系の疾患. 5.4 循環器疾患と遺伝子異常. 3) 遺伝性不整脈	矢崎義雄総編集	朝倉『内科学』	朝倉書店	東京	2013	424-428
清水　渉	23. 突然死の家族歴.	山下武志	あなたも名医! あぁ～どうする?! この不整脈 - ずばっと解決しちゃいます	日本医事新報社	東京	2012	113-117

清水　渉	13章 循環器疾患 12. 不整脈 5) 心臓突然死 (先天性QT延長症候群、Brugada症候群、カテコールアミン誘発性多形性心室頻拍を含む).	門脇　孝, 永井良三	内科学	西村書店	新潟	2012	663-665
清水　渉	巻頭トピックス7. 早期再分極とJ波症候群.	堀　正二, 永井良三	循環器疾患 最新の治療 2012-2013	医学書院	東京	2012	32-37
清水　渉	第5章 不整脈. QT延長症候群・QT短縮症候群	井上　博, 許俊鋭, 檜垣實男, 代田浩之, 筒井裕之	今日の循環器疾患治療指針〔第3版〕	医学書院	東京	2012	228-232
清水　渉	第1章 心筋の電気生理. 14) 心室の活動電位の不均一性	井上　博, 村川祐二	不整脈学	南江堂	東京	2012	52-54
清水　渉	第 13 章 特発性心室頻拍と遺伝性の致死性心室頻拍. 5) 臨床像から見た先天性 QT 延長症候群	井上　博, 村川祐二	不整脈学	南江堂	東京	2012	496-499
清水　渉	VI-3. QT 延長症候群・QT 短縮症候群	池田隆徳, 山下武志	不整脈学概論 専門医になるためのエッセンシャルブック	メジカルビュー社	東京	2012	376-383
堀江　稔	梗塞後不整脈	堀　正二, 永井良三	循環器疾患最新の治療 2014-2015	南江堂	東京	2014	77-81
堀江　稔	イオンチャンネル病としての心房細動	杉本恒明, 井上 博	不整脈2013	メディカルレビュー社	東京	2013	111-118
Hayashi H, Horie M	Prognostic value of P wave for developing atrial fibrillation.	Choi JI	Atrial Fibrillation - Basic Research and Clinical Applications	INTECH	Croatia	2012	189-198
Horie M	Pipette perfusion technique.	Okada　Y	Patch Clamp Techniques: from Beginning to Advanced Protocol.	Springer	Germany	2012	219-228
堀江　稔	不整脈の遺伝子異常	井上　博, 村川裕二	不整脈学	南江堂	東京	2012	221-225

堀江　稔	遺伝子疾患としての心房細動	井上　博, 村川裕二	不整脈学	南江堂	東京	2012	405-409
堀江　稔	不整脈	藤田次郎, 大屋祐輔	Nuesing Mook 74－慢性疾患の急性増悪とその対応	株式会社学研マーケティング	東京	2012	44-53
青沼和隆	カテーテル・アブレーション	山口　徹, 北原三夫, 福井次矢	今日の治療指針	医学書院	東京	2013	331-333
関口幸夫, 青沼和隆	緊急を要する不整脈の処置	井上　博, 許俊悦, 檜垣寛男, 代田浩之, 筒井裕之	今日の循環器疾患治療指針	医学書院	東京	2013	85-88
蒔田直昌	遺伝性不整脈研究の黎明期とその後の急速な展開	日本心電学会30周年記念誌編集委員会	日本心電学会30年の軌跡	日本心電学会	東京	2013	154-157
Makita N	Phenotypic overlap of lethal arrhythmias associated with cardiac sodium mutations. Individual-specific or mutation-specific?	Ostadal B.	Genes and Cardiovascular Function	Springer	New York	2012	185-196
蒔田直昌	遺伝子とチャネルからみた先天性QT 延長症候群	井上　博, 村川裕二	不整脈学	南江堂	東京	2012	491-495
萩原誠久	不整脈源性右室心筋症	井上　博, 許俊鋭, 檜垣實男, 代田浩之, 筒井裕之	今日の循環器疾患治療指針第３版	医学書院	東京	2013	618-620
藤田　淳, 福田恵一	【心不全の最前線】 治す　心不全とiPS細胞の展望	福田恵一	Heart View	メジカルビュー社	東京	2014	101-105
関 倫久, 福田恵一	循環器疾患における再生医療の展望　循環器領域での再生医療の実践にむけて	福田恵一	循環器Plus	メディカルトリビューン	東京	2013	10-12
黒田裕介, 福田恵一	【iPSの樹立とその応用病態解析】心疾患と疾患特異的iPS細胞	中畑龍俊	Medical Science Digest	ニューサイエンス社	東京	2013	518-521

岩本眞理, 住友直方, 高橋英子, 長嶋正實, 茂呂修平, 吉永正夫	心臓病に対する学校生活管理指導表の活用	長嶋正實	心疾患児　学校生活管理指導のしおり　学校・学校医用　平成24年改訂	学校保健会	東京	2013	7-11
堀米仁志, 高橋一浩	先天性QT延長症候群3型	小黒正榮	小児内科	東京医学社	東京	2013	1107-1110
堀米仁志	IV. 不整脈 QT延長症候群, QT短縮症候群	堀江康弘	小児科診療	診断と治療社	東京	2013	1779-1787
堀米仁志	QT延長症候群	『小児内科』『小児外科』編集委員会共編	小児内科 Vol.44 2012年増刊号 小児疾患の診断治療基準 第4版	東京医学社	東京	2012	522-523
住友直方	WPW症候群	大関武彦,古川　漸,横田俊一郎,水口雅	Electrical Diseases of the Heart (Second edition)	医学書院	東京	2013	502-503
阿部百合子, 住友直方	小児期不整脈の問題点	井上 博, 許俊英, 檜垣實男, 代田浩之, 筒井裕之	今日の循環器疾患治療指針第3版	医学書院	東京	2013	264-268
住友直方	小児のPBLSとPALS,小児の不整脈	笠貫　宏, 野々木宏, 高木 厚	心肺蘇生・心血管救急ガイドブック,ガイドラインに基づく実践診療〈ポケット判〉	南江堂	東京	2013	24-27 115-118
金丸 浩, 住友直方	就学・学校生活での注意事項	奥村　謙	ペースメーカ・ICD・CRT/CRT-Dトラブルシューティングからメンタルケアまで	Medical View社	東京	2012	222-227
住友直方	カテコラミン誘発多形性心室頻拍(CPVT)	井上 博, 村川裕二	不整脈学	南江堂	東京	2012	511-516
田中敏博	循環器疾患と遺伝子異常　虚血性心疾患	矢崎義雄	朝倉内科学　第10版	朝倉書店	東京	2013	420-421
田中敏博	ゲノム解析テクノロジー	清水　渉	最新医学 致死性不整脈診療の最前線	最新医学社	大阪	2013	1520-1524
Morita H, Zipes DP, Wu J	Experimental Mechanisms of Arrhythmias in Brugada Syndrome	Wu J, Wu J	Sudden Death: Causes, Risk Factors and Prevention	Nova Science Publishers, Inc	NY,USA	2013	39-59

牧山　武	イオンチャネル病のすべて. 各論. QT短縮症候群	堀江　稔	医学のあゆみ	南江堂	東京	2013	773-780
牧山　武	致死性不整脈診療の最前線. 致死性不整脈診療各論. 家族性徐脈症候群	清水　渉	最新医学68号7巻	最新医学社	東京	2013	1611-1618
鎌倉史郎	心室細動	井上 博, 許俊鋭, 檜垣實男, 代田浩之, 筒井裕之	今日の循環器疾患治療指針	医学書院	東京	2013	226-228
鎌倉史郎	Brugada症候群	井上 博, 許俊鋭, 檜垣實男, 代田浩之, 筒井裕之	今日の循環器疾患治療指針	医学書院	東京	2013	232-235
鎌倉史郎	心室細動	山口徹, 北原光夫, 福井次夫	今日の治療指針2012年版	医学書院	東京	2012	351-352
鎌倉史郎	早期再分極症候群	井上博, 村川祐二	不整脈学	南江堂	東京	2012	517-520
鎌倉史郎	J 波症候群.	永井良三, 許俊鋭,鄭忠和, 澤芳樹	循環器疾患の最新医療	先端医療技術研究所	東京	2012	126-128
相庭武司, 清水　渉	QT 延長症候群：遺伝子タイプ別の病態,予後,治療方法	堀江　稔	医学のあゆみ イオンチャネル病のすべて	医歯薬出版	東京	2013	766-772
相庭武司	後天性QT延長症候群	清水　渉	最新医学致死性不整脈診療の最前線	最新医学社	大阪	2013	68-76
関根章博	内分泌代謝疾患のゲノム,エピゲノム解析	中尾一和	最新内分泌代謝学	診断と治療社	東京	2013	67-71
宮内靖史, 清水　渉	植え込み型除細動器（ICD・CRTD）の現状と問題点	小室一成 佐地勉 坂田隆造 赤坂隆史	Annual Review 循環器	中外医学社	東京	2014	186-193

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Shimizu W	Editorial comment. Importance of clinical analysis in this era of new technology of molecular genetic screening.	J Am Coll Cardiol		In press	2014
Yoshinaga M, Kucho Y, Sarantuya J, Ninomiya Y, Horigome H, Ushinohama H, Shimizu W, Horie M	Genetic characteristics of children and adolescents with long-QT syndrome diagnosed by school-based electrocardiographic screening programs.	Circ Arrhythm Electrophysiol	7	107-112	2014
Kokunai Y, Nakata T, Furuta M, Sakata S, Kimura H, Aiba T, Yoshinaga M, Osaki Y, Nakamori M, Itoh H, Sato T, Kubota T, Kadota K, Shindo K, Mochizuki H, Shimizu W, Horie M, Okamura Y, Ohno K, Takahashi MP	A Kir3.4 mutation causes Andersen-Tawil syndrome by an inhibitory effect on Kir2.1.	Neurology	82	1058-1064	2014
Bando S, Soeki T, Matsuura T, Niki T, Ise T, Yamaguchi K, Taketani Y, Iwase T, Yamada H, Wakatsuki T, Akaike M, Aiba T, Shimizu W, Sata M	Congenital long QT syndrome with compound mutations in the KCNH2 gene.	Heart Vessels		In press	2014
Shimizu W	Clinical features of Brugada syndrome.	J Arrhythmia	29	65-70	2013
Shimizu W	Update of diagnosis and management in inherited cardiac arrhythmias.	Circ J	77	2867-2872	2013
Nakashima K, Kusakawa I, Yamamoto T, Hirabayashi S, Hosoya R, Shimizu W, Sumitomo N	A left ventricular noncompaction in a patient with long QT syndrome caused by a KCNQ1 mutation: a case report.	Heart Vessels	28	126-129	2013
Iguchi K, Noda T, Kamakura S, Shimizu W	Beneficial effects of cilostazol in a patient with recurrent ventricular fibrillation associated with early repolarization syndrome.	Heart Rhythm	10	604-606	2013
Watanabe H, Ohkubo K, Watanabe I, Matsuyama TA, Ishibashi-Ueda H, Yagihara N, Shimizu W, Horie M, Minamino T, Makita N	SCN5A mutation associated with ventricular fibrillation, early repolarization, and concealed myocardial abnormalities.	Int J Cardiol	65	e21-e23	2013

Mathias A, Moss AJ, Lopes CM, Barsheshet A, McNitt S, Zareba W, Robinson JL, Locati EH, Ackerman MJ, Benhorin J, Kaufman ES, Platonov PG, Qi M, Shimizu W, Towbin JA, Michael Vincent G, Wilde AA, Zhang L, Goldenberg I	Prognostic implications of mutation specific QTc standard deviation in congenital long QT syndrome.	Heart Rhythm	10	720-725	2013
Villafañe J, Atallah J, Gollob MH, Maury P, Wolpert C, Gebauer R, Watanabe H, Horie M, Anttonen O, Kannankeril P, Faulknier B, Bleiz J, Makiyama T, Shimizu W, Hamilton R, Young ML	Long-term follow-up of a pediatric cohort with short QT syndrome.	J Am Coll Cardiol	61	1183-1191	2013
Priori SG, Wilde AA, Horie M, Cho Y, Behr ER, Berul C, Blom N, Brugada J, Chiang CE, Huikuri H, Kannankeril P, Krahn A, Leenhardt A, Moss A, Schwartz PJ, Shimizu W, Tomaselli G, Tracy C	HRS/EHRA/APHRS Expert Consensus Statement on the Diagnosis and Management of Patients with Inherited Primary Arrhythmia Syndromes: Document endorsed by HRS, EHRA, and APHRS in May 2013 and by ACCF, AHA, PACES, and AEPC in June 2013.	Heart Rhythm	10	1932-1963	2013
Priori SG, Wilde AA, Horie M, Cho Y, Behr ER, Berul C, Blom N, Brugada J, Chiang CE, Huikuri H, Kannankeril P, Krahn A, Leenhardt A, Moss A, Schwartz PJ, Shimizu W, Tomaselli G, Tracy C	Executive summary: HRS/EHRA/APHRS expert consensus statement on the diagnosis and management of patients with inherited primary arrhythmia syndromes.	Europace	15	1389-1406	2013
Priori SG, Wilde AA, Horie M, Cho Y, Behr ER, Berul C, Blom N, Brugada J, Chiang CE, Huikuri H, Kannankeril P, Krahn A, Leenhardt A, Moss A, Schwartz PJ, Shimizu W, Tomaselli G, Tracy C	Executive summary: HRS/EHRA/APHRS expert consensus statement on the diagnosis and management of patients with inherited primary arrhythmia syndromes	J Arrhythmia	E-pub	September 6,doi:10.1016/j.joa.2013.07.002	2013

Bezzina CR, Barc J, Mizusawa Y, Remme CA, Gourraud JB, Simonet F, Verkerk AO, Schwartz PJ, Crotti L, Dagradi F, Guicheney P, Fressart V, Leenhardt A, Antzelevitch C, Bartkowiak S, Schulze-Bahr E, Zumhagen S, Behr ER, Bastiaenen R, Tfelt-Hansen J, Olesen MS, Kääb S, Beckmann BM, Weeke P, Watanabe H, Endo N, Minamino T, Horie M, Ohno S, Hasegawa K, Makita N, Nogami A, Shimizu W, Aiba T, Froguel P, Balkau B, Lantieri O, Torchio M, Wiese C, Weber D, Wolswinkel R, Coronel R, Boukens BJ, Bézieau S, Charpentier E, Chatel S, Despres A, Gros F, Kyndt F, Lecointe S, Lindenbaum P, Portero V, Violleau J, Gessler M, Tan HL, Roden DM, Christoffels VM, Le Marec H, Wilde AA, Probst V, Schott JJ, Dina C, Redon R	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death.	Nat Genet	45	1044-1049	2013
Duchatelet S, Crotti L, Peat RA, Denjoy I, Itoh H, Berthet M, Ohno S, Fressart V, Monti MC, Crocamo C, Pedrazzini M, Dagradi F, Vicentini A, Klug D, Brink PA Goosen A, Swan H, Toivonen L, Lahtinen AM, Kontula K, Shimizu W, Horie M, George AL, Trégouët DA, Guicheney P, Schwartz PJ	Identification of a KCNQ1 Polymorphism Acting as a Protective Modifier against Arrhythmic Risk in Long QT Syndrome.	Circ Cardiovasc Genet	6	354-361	2013

Kamakura T, Kawata H, Nakajima I, Yamada Y, Miyamoto K, Okamura H, Noda T, Satomi K, Aiba T, Takaki H, Aihara N, Kamakura S, Kimura T, Shimizu W	Significance of Non-Type 1 Anterior Early Repolarization in Patients with Inferolateral Early Repolarization Syndrome.	J Am Coll Cardiol	62	1610-1618	2013
Nakano Y, Chayama K, Ochi H, Toshishige M, Hayashida Y, Miki D, Hayes CN, Suzuki H, Tokuyama T, Oda N, Suenari K, Uchimura-Makita Y, Kajihara K, Sairaku A, Motoda C, Fujiwara M, Watanabe Y, Yoshida Y, Ohkubo K, Watanabe I, Nogami A, Hasegawa K, Watanabe H, Endo N, Aiba T, Shimizu W, Ohno S, Horie M, Arihiro K, Tashiro S, Makita N, Kihara Y	A nonsynonymous polymorphism in semaphorin 3A as a risk factor for human unexplained cardiac arrest with documented ventricular fibrillation.	PLoS Genet	9	e1003364	2013
Kawata H, Morita H, Yamada Y, Noda T, Satomi K, Aiba T, Isobe M, Nagase S, Nakamura K, Fukushima Kusano K, Ito H, Kamakura S, Shimizu W	Prognostic significance of early repolarization in inferolateral leads in Brugada patients with documented ventricular fibrillation: A novel risk factor for Brugada syndrome with ventricular fibrillation.	Heart Rhythm	10	1161-1168	2013
Kawakami H, Aiba T, Yamada T, Okayama H, Kazatani Y, Konishi K, Nakajima I, Miyamoto K, Yamada Y, Okamura H, Noda T, Satomi K, Kamakura S, Makita N, Shimizu W	Variable phenotype expression with a frameshift mutation of the cardiac sodium channel gene SCN5A.	J Arrhythmia	29	291-295	2013
Yoshinaga M, Ushinohama H, Sato S, Tauchi N, Horigome H, Takahashi H, Sumitomo N, Kucho Y, Shiraishi H, Nomura Y, Shimizu W, Nagashima M	Electrocardiographic screening of 1-month-old infants for identifying prolonged QT intervals.	Circ Arrhythm Electrophysiol	6	932-938	2013

Dochi K,Watanabe H, Kawamura M, Miyamoto A, Ozawa T, Nakazawa Y, Ashihara T, Ohno S, Hayashi H, Ito M, Sakazaki H, Kawata H, Ushinohama H, Kaszynski RH, Minamino T, Sumitomo N, Shimizu W, Horie M	Flecainide reduces ventricular arrhythmias via a mechanism that differs from that of ß-blockers in catecholaminergic polymorphic ventricular tachycardia.	J Arrhythmia	29	255-260	2013
Kawata H, Noda T, Yamada Y, Okamura H, Satomi K, Aiba T, Takaki H, Aihara N, Isobe M, Kamakura S, Shimizu W	Effect of sodium-channel blockade on early repolarization in inferior/lateral leads in patients with idiopathic ventricular fibrillation and Brugada syndrome.	Heart Rhythm	9	77-83	2012
Makimoto H, Kamakura S, Aihara N, Noda T, Nakajima I, Yokoyama T, Doi A, Kawata H, Yamada Y, Okamura H, Satomi K, Aiba T, Shimizu W	Clinical impact of the number of extrastimuli in programmed electrical stimulation in patients with Brugada type 1 electrocardiogram.	Heart Rhythm	9	242-248	2012
Miyoshi T, Maeno Y, Sago H, Inamura N, Yasukohchi S, Kawataki M, Horigome H, Yoda H, Taketazu M, Shozu M, Nii M, Kato H, Hayashi S, Hagiwara A, Omoto A, Shimizu W, Shiraishi I, Sakaguchi H, Nishimura K, Ueda K, Katsuragi S, Ikeda T	Evaluation of transplacental treatment for fetal congenital bradyarrhythmia: A nationwide survey in Japan.	Circ J	76	469-476	2012
Nishimoto O, Matsuda M, Nakamoto K, Nishiyama H, Kuraoka K, Taniyama K, Tamura R, Shimizu W, Kawamoto T	Peripartum cardiomyopathy presenting with syncope due to Torsades de pointes: a case of long QT syndrome with a novel KCNH2 mutation.	Intern Med	51	461-464	2012

Makita N, Seki A, Sumitomo N, Chkourko H, Fukuhara S, Watanabe H, Shimizu W, Bezzina CR, Hasdemir C, Mugishima H, Makiyama T, Baruteau A, Baron E, Horie M, Hagiwara N, Wilde AA, Probst V, Le Marec H, Roden DM, Mochizuki N, Schott JJ, Delmar M	A Connexin 40 mutation associated with a malignant variant of progressive familial heart block type-1.	Circ Arrhythm Electrophysiol	5	163-172	2012
Costa J, Lopes CM, Barsheshet A, Moss AJ, Migdalovich D, Ouellet G, McNitt S, Polonsky S, Robinson JL, Zareba W, Ackerman MJ, Benhorin J, Kaufman ES, Platonov PG, Shimizu W, Towbin JA, Vincent GM, Wilde AA, Goldenberg I	Combined assessment of sex- and mutation-specific information for risk stratification in type 1 long QT syndrome.	Heart Rhythm	9	892-898	2012
Baranchuk A, Nguyen T, Ryu MH, Femenía F, Zareba W, Wilde AAM, Shimizu W, Brugada P, Pérez-Riera AR	Brugada phenocopy: new terminology and proposed classification.	Ann Noninvasive Electrocardiol	17	299-314	2012
Barsheshet A, Goldenberg I, O-Uchi J, Moss AJ, Christian Jons C, Shimizu W, Wilde AA, McNitt S, Peterson DR, Zareba W, Robinson JL, Ackerman MJ, Cypress M, Gray DA, Hofman N, Kanters JK, Kaufman ES, Platonov PG, Qi M, Towbin JA, Vincent GM, Lopes CM	Mutations in cytoplasmic loops of the KCNQ1 channel and the risk of life-threatening events. Implications for mutation-specific response to beta-blocker therapy in type-1 long QT syndrome.	Circulation	125	1988- 1996	2012
Watanabe H, Nogami A, Ohkubo K, Kawata H, Hayashi Y, Ishikawa T, Makiyama T, Nagao S, Yagihara N, Takehara N, Kawamura Y, Sato A, Okamura K, Hosaka Y, Sato M, Fukae S, Chinushi M, Oda H, Okabe M, Kimura A, Maemura K, Watanabe I, Kamakura S, Horie M, Aizawa Y, Shimizu W, Makita N	Clinical characteristics and risk of arrhythmia recurrences in patients with idiopathic ventricular fibrillation associated with early repolarization.	Int J Cardiol	159	238-240	2012

Takigawa M, Kawamura M, Noda T, Yamada Y, Miyamoto K, Okamura H, Satomi K, Aiba T, Kamakura S, Sakaguchi T, Mizusawa Y, Itoh H, Horie M, Shimizu W	Seasonal and circadian distributions of cardiac events in genotyped patients with congenital long QT syndrome.	Circ J	76	2112- 2118	2012
Egashira T, Yuasa S, Suzuki T, Aizawa Y, Yamakawa H, Matsuhashi T, Ohno Y, Tohyama S, Okata S, Seki T, Kuroda Y, Yae K, Hashimoto H, Tanaka T, Hattori F, Sato T, Miyoshi S, Takatsuki S, Murata M, Kurokawa J, Furukawa T, Makita N, Aiba T, Shimizu W, Horie M, Kamiya K, Kodama I, Ogawa S, Fukuda K	Disease characterization using LQTS-specific induced pluripotent stem cells.	Cardiovasc Res	95	419-429	2012
Wu J, Naiki N, Ding WG, Ohno S, Kato K, Zang WJ, Delisle BP, Matsuura H, Horie M	A molecular mechanism for adrenergic-induced long QT Syndrome.	J Am Coll Cardiol		In press	2014
Kato K, Makiyama T, Wu J, DingW-G, Kimura H, Nauki N, Ohno S, Itoh H, Nakanishi T, Matsuura H, Horie M	Cardiac channelopathiesassociated with infantilefatal ventricular arrhythmias, from the cradle to the bench.	J Cardiovasc Electrophysiol	25	66-73	2014
Bartos DC, Giudicessi JR, Tester DJ, Ackerman MJ, Ohno S, Horie M, Gollob MH, Burgess DE, Delisle BP	A KCNQ1 Mutation Contributes to the Concealed Type 1 Long QT Phenotype by Limiting the Kv7.1 Channel Conformational Changes Associated with PKA Phosphorylation.	Heart Rhythm	11	459-468	2014
Araki A, KatsunoM, Suzuki K, Banno H, Suga N, Hashizume A, Mano T, Hijikata Y, Nakatsuji H, Watanabe H, Makiyama T, Ohno S, Fukuyama M, Morimoto S, Horie M, Sobue G	Brugada syndrome in spinal and bulbar muscular atrophy (SBMA).	Neurology		In press	2014
Hasegawa K, Ohno S, Ashihara T,Itoh H, Ding WG, Toyoda F, Makiyama T, Aoki H, Nakamura Y, Delisle BP, Matsuura H, Horie M	A novel KCNQ1 missense mutation identified in a patient with juvenile-onset atrial fibrillation causes constitutively open IKs channels.	Heart Rhythm	11	67-75	2014

Zhou J, Ding WG, Makiyama T, Miyamoto A, Matsumoto Y , Kimura H, Tarutani Y, Zhao J, Wu J, Zang WJ, Matsuura H, Horie M	A Novel HCN4 Mutation, G1097W, is associated with atrioventricularblock.	Circ J		In press	2014
Sakata S, Kurata Y, Li P, Notsu T, Morikawa K, Miake J, Higaki K, Yamamoto Y, Yoshida A, Shirayoshi Y, Yamamoto K, Horie M, Ninomiya H, Kanzaki S, Hisatome I	Instability of KCNE1-D85N that causes long QT syndrome: stabilization by verapamil.	PACE		In press	2014
Wang Q, Ohno S, Ding WG, Fukuyama M, Miyamoto A, Itoh H, Makiyama T, WuJ, Bai J, Hasegawa K, Shinohara T, Takahashi N, Shimizu A, Matsuura H, Horie M	Gain-of-Function KCNH2 Mutations in Patients with Brugada Syndrome.	J Cardiovasc Electrophysiol		In press	2014
Hasegawa K, Ohno S, Kimura H, Itoh H, Makiyama T, Yoshida Y, Horie M	Mosaic KCNJ2 Mutation in Andersen-Tawil syndrome: Targeted DeepSequencing is Useful for the Detection of Mosaicism.	Clinical Genetics		In press	2014
Smith JL, Reloj AR, Nataraj PS, Bartos DC, Schroder EA, Moss AJ, Ohno S, Horie M, Anderson CL, January CT, Delisle BP	Pharmacological Correction of Long QT-linkedMutations in KCNH2 (hERG) Increases the Trafficking of Kv11.1 Channels Stored in the Transitional ER.	Am J Physiol -Cell Physiol	305	C919-30	2013
Wang Q, Ohno S, Kato K, Fukuyama M, Makiyama T, Kimura H, Naiki N, Kawamura M, Hayashi H, Horie M	Genetic Screening of KCNJ8 in Japanese Patients with J-wave Syndromes or Idiopathic Ventricular Fibrillation.	J Arrhythmia	29	261-264	2013
Horie M, Ohno S	Genetic basis of Brugada syndrome.	J Arrhythmia	29	71-76	2013
Hayashi H, Murakami Y, Horie M	Pitfall of the meta-analysis regarding early repolarization pattern.	J Am Coll Cardiol	62	86	2013
Lin L, Horigome H, Nishigami N, Ohno S, Horie M, Sumazaki R	Drug-induced QT-interval prolongation and recurrent torsade de pointes in a child with heterotaxy syndrome and KCNE1 D85N polymorphism.	J Electrocardiol	45	770-773	2012

Miyamoto A, Hayashi H, Yoshino T, Kawaguchi T, Taniguchi A, Ito H, Sugimoto Y, Ito M, Makiyama T, Xue JQ, Murakami Y, Horie M	Clinical and electrocardiographic characteristics of patients with short QT interval in a large hospital-based population.	Heart Rhythm	9	66-74	2012
Hattori T, Makiyama T, Akao M, Ehara E, Ohno S, Iguchi M, Nishio Y, Sasaki K, Itoh H, Yokode M, Kita T, Horie M, Kimura T	A novel gain-of-function KCNJ2 mutation associated with short QT syndrome impairs inward rectification of Kir2.1 currents.	Cardiovasc Res.	93	666-673	2012
Wu J, Ding WG, Matsuura H, Horie M	Regulatory mechanisms underlying the modulation of GIRK1/GIRK4 heteromeric channels by P2Y receptors.	Pflugers Arch.	463	625-633	2012
Aizawa Y, Sato A, Watanabe H, Chinushi M, Furushima H, Horie M, Kaneko Y, Imaizumi T, Okubo K, Watanabe I, Shinozaki T, Aizawa Y, Fukuda, Joo K, Haissaguerre M	Dynamicity of the J wave in idiopathic ventricular fibrillation with a special reference to pause-dependent augmentation of the J wave.	J Am Coll Cardiol	59	1948-1953	2012
Okayasu H, Ozeki Y, Fujii K, Takano Y, Saeki Y, Hori H, Horie M, Higuchi T, Kunugi H, Shimoda K	Pharmachotherapeutic determinants for QTc interval prolongation in Japanese patients with mood disorder.	Pharmacopsychiatry	45	279-283	2012
Kinoshita T, Asai T, Suzuki T, Matsubayashi K, Horie M	Time course and prognostic implications of QT interval in patients with coronary artery disease undergoing coronary bypass surgery.	J Cardiovasc Electrophysiol	23	645-649	2012
Watanabe H, Nogami A, Ohkubo K, Kawata H, Hayashi Y, Ishikawa T, Makiyama T, Nagao S, Yagihara N, Takehara N, Kawamura Y, Sato A, Okamura K, Hosaka Y, Sato M, Fukae S, Chinushi M, Oda H, Okabe M, Kimura A, Maemura K, Watanabe I, Kamakura S, Horie M, Aizawa Y, Shimizu W, Makita N	Electrocardiographic Characteristics and SCN5A Mutations in Idiopathic Ventricular Fibrillation Associated With Early Repolarization".	Circ Arrhythm Electrophysiol	4	874-881	2012

Kimura H, Zhou J, Kawamura M, Itoh H, Mizusawa Y, Ding WG, Wu J, Ohno S, Makiyama T, Miyamoto A, Naiki N, Wang Q, Xie Y, Suzuki T, Tateno S, Nakamura Y, Zang WJ, Ito M, Matsuura H, Horie M	Phenotype Variability in Patients Carrying KCNJ2 Mutations.	Circ Cardiovasc Genet.	5	344-353	2012
Nakajima T, Wu J, Kaneko Y, Ashihara T, Ohno S, Irie T, Ding WG, Matsuura H, Kurabayashi M, Horie M	KCNE3 T4A as a genetic background of Brugada-pattern electrocardiogram.	Circ J	76	2763-2772	2012
Kawaguchi T, Hayashi H, Miyamoto A, Yoshino T, Taniguchi A, Naiki N, Sugimoto Y, Ito M, Xue JQ, Murakami Y, Horie M	Prognostic implications of progressive cardiac conduction disease.	Circ J	77	60-67	2013
Murakoshi N, Aonuma K	Epidemiology of arrhythmias and sudden cardiac death in Asia.	Circ J	77	2419- 2431	2013
Hiraoka M, Takagi M, Yokoyama Y, Sekiguchi Y, Aihara N, Aonuma K: Japan Idiopathic Ventricular Fibrillation Study Investigators	Prognosis and risk stratification of young adultswith Brugada syndrome.	J Electrocardiol	6	279-283	2013
Sekiguchi Y, Aonuma K, Takagi M, Aihara N, Yokoyama Y, Hiraoka M: Japan Idiopathic Ventricular Fibrillation Study Investigators	New clinical and electrocardiographic classification in patients with idiopathic ventricular fibrillation.	J Cardiovasc Electrophysiol	24	902-908	2013
Doki K, Homma M, Kuga K, Aonuma K, Kohda Y	SCN5A promoter haplotype affects the therapeutic range for serum flecainide concentration inAsian patients.	Pharmacogenet Genomics	23	349-354	2013
Kawamura M, Ohno S, Naiki N, Nagaoka I, Dochi K, Wang Q, Hasegawa K, Kimura H, Miyamoto A, Mizusawa Y,Itoh H, Makiyama T, Sumitomo N, Ushinohama H, Oyama K, Murakoshi N, Aonuma K, Horigome H, Honda T, Yoshinaga M, Ito M, Horie M	Genetic background of catecholaminergic polymorphic ventricular tachycardia in Japan.	Circ J	77	1705-1713	2013

Takagi M, Aonuma K, Sekiguchi Y, Yokoyama Y, Aihara N, Hiraoka M; Japan Idiopathic Ventricular Fibrillation Study (J-IVFS) Investigators	The prognostic value ofearly repolarization (J wave) and ST-segment morphology after J wave in Brugada syndrome: multicenter study in Japan.	Heart Rhythm	10	533-539	2013
Murakoshi N, Aonuma K	Epidemiology of arrhythmias and sudden cardiac death in Asia.	Circ J	77	2419-2431	2013
JCS Joint Working Group	Guidelines for clinical cardiac electrophysiologicstudies (JCS 2011)	Circ J	77	497-518	2013
Kaneshiro T, Naruse Y, Nogami A, Tada H, Yoshida K, Sekiguchi Y, Murakoshi N, Kato Y, Horigome H, Kawamura M, Horie M, Aonuma K	Successful catheter ablation of bidirectional ventricular premature contractions triggering ventricular fibrillation in catecholaminergic polymorphic ventricular tachycardia with RyR2 mutation.	Circ Arrhythm Electrophysiol	5	e14-e17	2012
Naruse Y, Tada H, Harimura Y, Hayashi M, Noguchi Y, Sato A, Yoshida K, Sekiguchi Y, Aonuma K	Early repalarization is an independent predictor of occurrences of ventricular fibrillation in the very early phase of acute myocardial infarction	Circ Arrhythm Electrophysiol	5	506-513	2012
Abe K, Machida T, Sumitomo N, Yamamoto H, Ohkubo K, Watanabe I, Makiyama T, Fukae S, Kohno M, Harrell DT, Ishikawa T, Tsuji Y, Nogami A, Watabe T, Oginosawa Y, Abe H, Maemura K, Motomura H, Makita N	Sodium channelopathy underlying familial sick sinus syndrome with earlyonset and predominantlymale characteristics.	Circ Arrhythm Electrophysiol		In revision	2014

Makita N, Yagihara N, Crotti L, Johnson CN, Beckmann BM, Shigemizu D, Lichtner P, Ishikawa T, Aiba T, Homfray T, Behr ER, Klug D, Denjoy I, Mastantuono E, Theisen D, Tsunoda T, Satake W, Toda T, Nakagawa H, Tsuji Y, Tsuchiya T, Yamamoto H, Miyamoto Y, Endo N, Kimura A, Ozaki K, Motomura H, Suda K, Tanaka T, Schwartz PJ, Meitinger T,Kääb S, Guicheney P, Bhuiyan ZA, Shimizu W, Watanabe H, Chazin WJ, George, AL Jr	Novel calmodulin (CALM2) mutations associated with congenital arrhythmia susceptibility.	Circ Cadiovasc Genet		In press	2014
Ohno S, Omura M, Kawamura M, Kimura H, Itoh H, Makiyama T, Ushinohama H, Makita N, Horie M	Exon 3 deletion of RYR2 encoding cardiac ryanodine receptor is associated with left ventricular non-compaction.	Europace		In press	2014
Yoshida M, Ando S, Chishaki A, Makita N, Hasegawa Y, Narita S, Momii H, Kadokami T	Normal dose of pilsicainide showed marked negative inotropic effects in a patient who had no underlying heart disease.	J Arrhythmia		In press	2014
Abe Y, Sumitomo N, Okuma H, Nakamura T, Fukuhara J, Ichikawa R, Matsumura M, Miyashita M, Kamiyama H, Ayusawa M, Watanabe M, Joo K, Makita N, Horie M	Successful control of life-threatening polymorphic ventricular tachycardia by radiofrequency catheter ablation in an infant.	Heart Vessels		In press	2014
Makita N	Paradigm shifts in the genetics of inherited arrhythmias: Using next-generation sequencing technologies to uncover hidden etiologies.	J Arrhythmia	29	305-307	2013
Ishikawa T, Takahashi N, Ohno S, Sakurada H, Nakamura K, On YK, Park JE, Makiyama T, Horie M, Arimura T, Makita N, Kimura A	Novel SCN3B mutation associated with Brugada syndrome affects intracellular trafficking and function of Nav1.5.	Circ J	77	959-967	2013
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