

113. Sumitomo N, Shimizu W, Horigome H, Nakamura Y, Arakaki Y, Sakurada H, Watanabe H, Nishizaki H, Kamakura S, **Horie M**, Hiraoka M. Recent advancement of treatment in catecholaminergic polymorphic ventricular tachycardia. Mini-Symposium (APHRS 2011 & 26th JHRS 28th JSE 合同学会 2011.09.18-22 福岡)
114. Li P, Ninomiya H, Kurata Y, Kato M, Miake J, Yamamoto Y, Igawa O, Nakai A, Higaki K, Toyoda F, Wu J, **Horie M**, Matsuura H, Yoshida A, Shirayoshi Y, Hiraoka M, Hisatome I. Reciprocal control of hERG stability by hsp70 and hsc70 with implication for restoration of LQT2 mutant stability. JSE Academic Award Competition(APHRS2011 & 26th JHRS 28th JSE 合同学会 2011.09.18-22 福岡)
115. Ohno S, Zankov DP, Ding WG, Itoh H, Makiyama T, Doi T, Shizuta S, Hattori T, Miyamoto A, Naiki N, Matsuura H, **Horie M**. KCNE5 variants are novel modulators of brugada syndrome and idiopathic ventricular fibrillation. Young Investigator Award Competition (APHRS2011 & 26th JHRS 28th JSE 合同学会 2011.09.18-22 福岡)
116. **Horie M**, Ohno S, Wu J, Zankov DP, Toyoda F, Ding WG, Matsuura H. Mutations of KCNE gene family in inherited arrhythmia syndromes. Special Symposium (APHRS2011 & 26th JHRS 28th JSE 合同学会 2011.09.18-22 福岡)
117. **Horie M**, Itoh H, Shimizu W, Hayashi K, Ohno S, Makiyama T, Yamagishi M, Kamakura S. Long QT syndromes are heterogeneous disease entities presenting not only QT prolongation but multiple phenotypes - cases with compound heterozygous mutations. JHRS-JSE Joint Symposium (APHRS 2011 & 26th JHRS 28th JSE 合同学会 2011.09.18-22 福岡)
118. **Horie M**. Renin-Angiotensin-Aldosterone system and atrial fibrillation. Evening Seminar 1 (APHRS2011 & 26th JHRS 28th JSE 合同学会 2011.09.18-22 福岡)
119. 堀江 稔 : 薬剤誘発性 QT 延長症候群と遺伝的背景（薬剤感受性） 濱戸内国際臨床試験カンファレンス (2011.10.15 愛媛)
120. 堀江 稔 : 心臓性突然死を巡る最近の話題—イオンチャネル病— 第 28 回循環器診療セミナー in 西宮 (2011.11.02 兵庫)
121. 堀江 稔 : 家族性突然死症候群の診断と治療 第 112 回日本循環器学会近畿地方会(2011.11.27 京都)
122. Watanabe H, Nogami A, Ohkubo K, Makiyama T, Hayashi, Shimada 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, Maemura K, **Horie M**, Watanabe I, Aizawa Y, Makita N. Clinical, electrocardiographic, and genetic characteristics of patients with idiopathic ventricular fibrillation associated with early repolarization. AHA Scientific Sessions 2011 . (2011.11.12-16 Orlando, Florida, U.S.A.)
123. Ohno S, Miyamoto A, T Makiyama, Itoh H, **Horie M**. Clinical differences between KCNH2 and SCN5A mutation carriers with Brugada syndrome and Brugada-like ECG patients in Japan. AHA Scientific Sessions 2011 . (2011.11.12-16 Orlando, Florida, U.S.A.)

124. **Horie M**: Short QT and Early Repolarization Syndromes. ICPES 2011 (2011.12.11-14 Ahens, Greece)
125. **Horie M**: Basic characteristics of Brugada syndrome in Japan. ICPES 2011 (2011.12.11 - 14 Athens, Greece)
126. Ohno S, Nishio Y, Nagaoka I, Miyamoto A, Kimura H, Itoh H, Makiyama T, **Horie M**: Clinical and genetic characterization of Japanese patients with arrhythmogenic right ventricular cardiomyopathy. ICPES 2011 (2011.12.11-14 Athens, Greece)
127. Makiyama T, Watanabe S, Yamamura K, Arima M, Hattori T, Ohno S, Shizuta S, Doi T, Nishio Y, Itoh H, Akao M, Yokode M, Kimura T, **Horie M**: Both gain- and loss-of-function mutations in the cardiac Na channel gene, SCN5A, are associated with sudden infant death syndrome (SIDS). 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
128. Miyamoto A, Hayashi H, Ishida K, Yoshino T, Sugimoto Y, Ito M, **Horie M**: P pulmonale and atrial fibrillation. ISHR2010 (2010.05.13-16, Kyoto)
129. Hayashi H, Miyamoto A, Ishida K, Yoshino T, Sugimoto Y, Ito M, **Horie M**: J wave and intrathoracic tumor. ISHR2010 (2010.05.13-16, Kyoto)
130. Itoh H, Shimizu W, Hayashi K, Yamagata K, Sakaguchi T, Makiyama T, Miyamoto Y, Yamagishi Y, Kamakura S, **Horie M**: Long QT syndrome with compound mutation is associated with a severer phenotype: a Japanese multicenter study. ESC Congress 2010 (2010.08.27- 09.01, Stockholm, Sweden)
131. **Horie M**: Electrical cardiomyopathy: ion channel diseases. CJCF2010 (2010. 10.15-16 Beijing, China)
132. Nakazawa Y, Ashihara T, Miyamoto A, Ozawa T, Itoh H, Sugimoto Y, Ito M, **Horie M**: Influence of pulmonary vein isolation on heart rate : A clinical study using event-ECG monitors. APHRS 2010/ APAFS2010 (2010.10.28-30, Jeju Island, Korea)
133. Ashihara T, Haraguchi R, Nakazawa K, Namba T, Ikeda T, Nakazawa Y, Ozawa T, Itoh H, Ito M, **Horie M**: Roles of fibroblasts in the mechanisms of complex fractionated atrial electrograms and catheter ablation during chronic atrial fibrillation. APHRS2010/ APAFS 2010 (2010.10.28-30, Jeju Island, Korea)
134. **Horie M**: Genetic background of Japanese patients with long QT syndrome. APHRS2010/ APAFS2010 (2010.10.28-30, Jeju Island, Korea)
135. Itoh H, Oka Y, Ding WG, Sakaguchi T, Kimura H, Mizusawa Y, Miyamoto A, Wu J, Ohno S, Makiyama T, Ito M, Matsuura H, **Horie M**: Latent genetic backgrounds and molecular pathogenesis in acquired long QT syndrome with distinct arrhythmic triggers. AHA Scientific Sessions 2010. (2010.11.14-17 Chicago Illinois U.S.A.)
136. Kimura H, Itoh H, Mizusawa Y, Miyamoto A, Oka Y, Kawamura M, Nishio Y, Sakaguchi T, Makiyama T, Ito M, **Horie M**: Carvedilol, an α -1- and Non-selective β - adrenoceptor blocker, for prevention of cardiac events in patients with type 2 long QT syndrome. AHA Scientific Sessions 2010. (2010.11.14 -17 Chicago Illinois U.S.A.)
137. Hattori T, Makiyama T, Akao M, Ehara E, Ohno S, Nishio Y, Itoh H, Yokode M, Kimura T, **Horie M**: A novel gain-of-function KCNJ2 mutation associated with short QT syndrome impairs inward rectification of Kir2.1 currents. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)

138. Makimoto H, Yamagata K, Horie M, Ogawa S, Aizawa Y, Kusano K, Ohe T, Yamagishi M, Makita N, Tanaka T, Makiyama T, Akao M, Yoshinaga M, Miyamoto Y, Kamakura S, Shimizu W: Clinical features of long QT syndrome in pre-elementary age. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
139. Hayashi H, Miyamoto A, Ishida K, Sugimoto Y, Itoh M, Horie M: High prevalence of J wave in patients with intrathoracic Tumor. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
140. Shizuta S, Makiyama T, Horie M, Kita T, Kimura T: Brugada syndrome: Case presentation. 第 74 回日本循環器学会総会・学術集会 フォーカスセッション (2010.03.05-07 京都)
141. Makiyama T, Akao M, Shizuta S, Doi T, Ohno S, Nishio Y, Hattori T, Yokode M, Kita T, Horie M: DCM: Case presentation and discussion. 第 74 回日本循環器学会総会・学術集会 フォーカスセッション (2010.03.05-07 京都)
142. Jito Y, Itoh H, Ding WG, Shimizu W, Kawamura M, Makiyama T, Ohno S, Kawamura M, Miyamoto A, Ishida K, Ashihara T, Itoh M, Matsuura H, Horie M: Atrioventricular block-induced Torsades de Pointes had clinical and molecular backgrounds of not acquired but congenital long QT syndrome. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
143. Hanazawa K, Makiyama T, Kaitani K, Nakajima S, Nishiga M, Yamao K, Sakamoto J, Miyake M, Yoshitani K, Kondoh Hi, Izumi T, Izumi C, Nakagawa Y, Horie M: A novel mutation in KCNH2 gene associated with long QT syndrome and sinus bradycardia in a Japanese family.
- 第 74 回日本循環器学会総会・学術集会
(2010.03.05-07 京都)
144. Itoh H, Jitoh Y, Sakaguchi T, Nishio Y, Makiyama T, Ohno S, Mizusawa Y, Miyamoto A, Ishida K, Kawamura M, Nakazawa Y, Yao T, Ashihara T, Sugimoto Y, Itoh M, Ding WG, Matsuura H, Horie M: Latent genetic backgrounds of acquired long QT syndrome. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
145. Yamagata K, Horie M, Ogawa S, Aizawa Y, Kusano K, Ohe T, Yamagishi M, Makita N, Tanaka T, Makiyama T, Akao M, Hagiwara N, Kishi R, Miyamoto Y, Kamakura S, Shimizu W: Clinical phenotype and prognosis of probands with brugada syndrome in relation to SCN5A mutation. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
146. Nakajima S, Makiyama T, Hanazawa K, Nishiga M, Yamao K, Sakamoto J, Yoshitani K, Miyake M, Kondoh H, Motooka M, Kaitani K, Izumi T, Izumi C, Nakagawa Y, Horie M: A variety of arrhythmic phenotypes including sick sinus syndrome and ventricular arrhythmias in patients with SCN5A gene mutations. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
147. Ueyama T, Shimizu A, Yoshiga Y, Ohmiya T, Ohno M, Yoshida M, Hiratsuka A, Fukuda M, Matsuzaki M, Makiyama T, Itoh H, Horie M: Genetic variants of KCNQ1 and KCNE2 in patients with brugada syndrome and idiopathic ventricular fibrillation. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
148. Ashihara T, Haraguchi R, Nakazawa Y, Yao T, Itoh H, Nanba T, Nakazawa K, Ikeda T, Sugimoto Y, Itoh M, Horie M: Theoretical study on the mechanisms of

- complex fractionated atrial electrogram - targeted atrial fibrillation ablation. 第 74 回日本循環器学会総会・学術集会 (2010.03.05-07 京都)
149. 堀江 稔：イオンチャネル病としての QT 延長症候群—多様な発症メカニズム—第 25 回犬山不整脈カンファレンス(2010.08.21 名古屋)
150. 菊池規子、松山優子、佐藤高栄、柳下大悟、鈴木 豪、志賀 剛、庄田守男、萩原誠久、堀江 稔：新規 SCN5A 変異を認め心肺停止から蘇生された徐脈頻脈症候群を伴う LQ 延長症候群(LQT3) の 1 例。日本循環器学会関東甲信越地方会 (2010.09.11 東京)
151. 牧元久樹、堀江 稔、小川 聰、相澤義房、大江 透、草野研吾、山岸正和、蒔田直昌、田中敏博、牧山 武、吉永正夫、萩原誠久、鎌倉史郎、宮本恵宏、清水 渉：先天性 QT 延長症候群の遺伝子解析とその臨床的有用性—日本国内多施設登録からの検討—第 58 回日本心臓病学会学術集会 (2010.09.17-19 東京)
152. 堀江 稔：特発性心房細動(ブルガダ・J 派症候群)の診断と治療 新潟／群馬循環器カンファレンス (2010.09.24 群馬)
153. 脇屋桃子、久次米真吾、伊藤尚志、榎本善成、森山明義、沼田綾香、熊谷賢太、酒井 豪、坂田隆夫、野呂眞人、堀江 稔、杉 薫：運動負荷後に前失神症状を繰り返していたが診断されず、ランニング後に心室細動となった若年男性の 1 例。第 27 回日本心電学会学術集会 (2010.10.08-09 大分)
154. 木村紘美、伊藤英樹、水澤有香、宮本証、岡 優子、川村美朋子、西尾由貴子、坂口知子、丁 維光、牧山 武、伊藤 誠、松浦 博、堀江 稔：非選択性 $\alpha_1\beta$ アドレナリン受容体遮断薬(カルベジロール)は 2 型 QT 延長症候群の心イベントを抑制する。第 27 回日本心電学会学術集会 (2010.10.08-09 大分)
- 電学会学術集会 (2010.10.08-09 大分)
155. 堀江 稔：Hospital-based population における進行性心臓伝導障害の頻度とその予後。平成 22 年度厚生労働省科学研究費（難治性疾患克服事業）研究班第 2 回班会議 (2010.10.25 長崎)
156. 堀江 稔：薬物誘発性 QT 延長症候群の基礎と臨床 第 31 回日本臨床薬理学会年会 (2010.12.01-03 京都)
157. 大野将司、藤井祐介、小澤友哉、伊藤英樹、堀江 稔：カテーテルアブレーション術が困難であった不整脈源性右室心筋症の 1 例 第 69 回滋賀県循環器疾患研究会 (2010.12.04 滋賀)
158. 矢崎恭一郎、鈴木敦、志賀剛、八代文、江島浩一郎、鈴木豪、眞中哲之、庄田守男、萩原誠久. Impact of Heart Rate on the Occurrence of Life-Threatening Arrhythmia in Heart Failure Patients with Cardiac Resynchronization Therapy. 第 77 回日本循環器学会学術集会 2013.03.15
159. 小木曾正隆、鈴木敦、志賀剛、八代文、江島浩一郎、鈴木豪、眞中哲之、庄田守男、中居賢司、笠貫宏、萩原誠久. Effect of Intravenous Amiodarone on Transmural Heterogeneity of Ventricular Repolarization in Non-ischemic Heart Failure Patients with Cardiac Resynchronization Therapy. 第 77 回日本循環器学会学術集会 2013.03.15
160. 鈴木敦、志賀剛、八代文、江島浩一郎、鈴木豪、眞中哲之、庄田守男、中居賢司、笠貫宏、萩原誠久. Long-term Effect of Cardiac Resynchronization Therapy on T peak to T end intervals in Patients with Cardiac Resynchronization Therapy Device. 第 77 回日本循環器学会学術集会 2013.03.15

集会 2013.03.15

161. 志賀剛, 鈴木敦, 庄田守男, 萩原誠久. Treatment target to prevent the occurrence of life-threatening arrhythmia in patients with impaired left ventricular function. 第 77 回日本循環器学会学術集会 2013.03.15
162. 遠藤景己, 佐藤加代子, 鈴木敦, 福島敬子, 喜多村一孝, 萩原誠久. IL17 and INF γ contribute to the atherosclerotic development and microalbuminuria with the dysfunction of podocytes. 第 77 回日本循環器学会学術集会 2013.03.15
163. 鈴木敦, 萩原誠久. Brugada 症候群に対する植込み型除細動器治療後の長期予後. 第 11 回特発性心室細動研究会 2013.02.16
164. 鈴木敦, 志賀剛, 江島浩一郎, 眞中哲之, 庄田守男, 中居賢司, 笠貫宏, 萩原誠久. 除細動器付き両室ペーシング治療を行った非虚血性心疾患患者における再分極異常と致死性不整脈との関連性. 第 60 回日本心臓病学会学術集会 2012.09.15
165. 眞中哲之, 庄田守男, 江島浩一郎, 八代文, 貫敏章, 加藤賢, 中野智彰, 萩原誠久. 両室同時ペーシング機能付き植込み型除細動器植込みにおける左室 4 極電極リードの初期使用経験. 第 5 回植込みデバイス関連冬季大会 2013.02.23
166. 眞中哲之, 庄田守男, 市川やよい, 江島浩一郎, 八代文, 柳下大悟, 脇坂収, 萩原誠久. ペースメーク植込み患者の管理における遠隔モニタリングの有用性. 第 27 回日本不整脈学会学術大会 2012.07.07

167. 鈴木敦, 志賀剛, 江島浩一郎, 鈴木豪, 眞中哲之, 庄田守男, 中居賢司, 笠貫宏, 萩原誠久. 両心室ペーシング植込み患者における Tpeak-Tend と心室性不整脈. 第 29 回日本心電学会学術集会 2012.10.13
168. 江島浩一郎, 庄田守男, 八代文, 眞中哲之, 萩原誠久. Ratchet syndrome. 第 27 回日本不整脈学会学術大会 2012.07.07
169. 江島浩一郎, 庄田守男, 眞中哲之, 中野智彰, 樋口諭, 吉田健太郎, 貫敏章, 八代文, 加藤賢, 萩原誠久. 持続性心房細動に対する拡大肺静脈隔離後に僧帽弁周囲を旋回する興奮伝搬を呈した大動脈基部一左房接合部関連心房頻拍の 1 例. 日本不整脈学会カテーテル・アブレーション関連秋季大会 2012.11.23
170. 加藤賢, 江島浩一郎, 庄田守男, 眞中哲之, 八代文, 貫敏章, 吉田健太郎, 樋口諭, 明石まどか, 中野智彰, 磯田徹, 萩原誠久. 拡大肺静脈隔離術後に左房一肺静脈間ではなく左房一肺静脈前庭部間の伝導再開で心房細動の再発を認めた 1 例. 日本不整脈学会カテーテル・アブレーション関連秋季大会 2012.11.23
171. 中野智彰, 萩原誠久, 庄田守男, 眞中哲之, 江島浩一郎, 八代文, 加藤賢, 貫敏章, 吉田健太郎, 樋口諭, 明石まどか, 磯田徹. 大動脈僧帽弁連合部の減衰伝導特性を示す室房副伝導路により治療抵抗性 PJRT が初発した 80 歳男性の 1 例. 日本不整脈学会カテーテル・アブレーション関連秋季大会 2012

2012.11.23

172. 貫敏章, 江島浩一郎, 庄田守男, 真中哲之, 八代文, 加藤賢, 吉田健太郎, 樋口諭, 明石まどか, 中野智彰, 磯田徹, 萩原誠久. 単純 CT 画像を用いた CARTO MERGE による心房細動アブレーション: 造影剤使用不能な高度腎機能障害症例に対する試み. 日本不整脈学会カテーテル・アブレーション関連秋季大会 2012 2012.11.23
173. 樋口諭, 庄田守男, 中野智彰, 吉田健太郎, 貫敏章, 加藤賢, 八代文, 江島浩一郎, 真中哲之, 萩原誠久. 通電中に時計回転から反時計回転に興奮伝導様式が変化した心房粗動の 1 例. 日本不整脈学会カテーテル・アブレーション関連秋季大会 2012 2012.11.23
174. 鈴木豪, 鈴木敦, 志賀剛, 長沼美代子, 萩原誠久. QOL による発作性心房細動の薬物療法効果評価についての検討. 第 33 回日本臨床薬理学会 2012.11.29
175. 加藤賢, 庄田守男, 真中哲之, 江島浩一郎, 八代文, 貫敏章, 吉田健太郎, 萩原誠久. 高度の癒着を認め、様々な経路からのアプローチによりリード抜去を行ったペースメーカーポケット感染の一例. 第 226 回日本循環器学会関東甲信越地方会 2013.02.01
176. 貫敏章, 真中哲之, 庄田守男, 江島浩一郎, 八代文, 加藤賢, 吉田健太郎, 樋口諭, 神波裕, 中野智彰, 萩原誠久. 右心耳に留置した心房リードの波高が alternative に変化した 2:1 房室ブロックの 1 例. 第 5 回植込みデバイス関連冬季大会 2013.02.23
177. 溝渕景子, 江島浩一郎, 鈴木敦, 野村新, 柳下大悟, 八代文, 南雄一郎, 佐藤高栄, 真中哲之, 志賀剛, 庄田守男, 萩原誠久. Circadian Patterns on the Occurrence of Ventricular Tachyarrhythmias Triggering Defibrillator Interventions in Patients with Hypertrophic Cardiomyopathy. 第 75 回日本循環器学会学術集会. 2011.08.03. 横浜
178. 鈴木 敦, 志賀 剛, 柳下 大悟, 八代 文, 江島 浩一郎, 真中 哲之, 中井 健司, 庄田 守男, 笠貫 宏, 萩原 誠久. Inter-lead Difference between T-peak to T-end Intervals and Arrhythmic Event in Patients with Cardiac Resynchronization Therapy Device. 第 75 回日本循環器学会学術集会. 2011.08.03. 横浜
179. 萩原誠久. HIJ-CREATE 試験からの考察. 第 75 回日本循環器学会学術集会. 2011.08.04. 横浜
180. 林慶子, 弓野大, 芹澤直紀, 志賀剛, 南雄一郎, 市川やよい, 菊地規子, 逸見隆太, 萩原誠久. Prevalence and Risk Factors of Pulmonary Hypertension in Patients with Dilated Cardiomyopathy. 第 75 回日本循環器学会学術集会. 2011.08.03. 横浜
181. 五味田敬子, 佐藤加代子, 菊池紀子, 松本卓, Kim Ahsung, 東谷迪昭, 森文章, 沢辺元治, 萩原 誠久. PSGL-1 expressing CD4 T cells in plaque instability. 第 75 回日本循環器学会学術集会. 2011.08.03. 横浜
182. 五味田敬子, 佐藤加代子, 内田啓子, 大橋汀子, 萩原誠久. Th1 T cells and Th17 cells contribute to the microalbuminuria in apolipoprotein E-deficient mice. 第 75 回日本循環器学会学術集会. 2011.08.03. 横浜

183. Kim Ahsung, 佐藤加代子, 松本卓, 五味田敬子, 萩原誠久. Role of T cells in Essential Hypertension. 第 75 回日本循環器学会学術集会. 2011. 08. 04. 横浜
184. 大森久子, 谷本京美, 斎藤聰, 山崎健二, 萩原誠久. Problems in the Long-term Survivor; More than 20 Years Result of Prosthetic Valve Implantations. 第 75 回日本循環器学会学術集会. 2011. 08. 04. 横浜
185. 柳下慈子, 新井光太郎, 柳下大悟, 鈴木太, 八代文, 郡司一恵, 江島浩一郎, 佐藤高栄, 真中哲之, 谷本京美, 高木厚, 志賀剛, 庄田守男, 萩原誠久. Dobutamine Induced Radial-Dyssynchrony is the Strong Predictor for Left Ventricular Remodeling after Cardiac Resynchronization Therapy: A Speckle Tracking Echocardiographic Study. 第 75 回日本循環器学会学術集会. 2011. 08. 04. 横浜
186. 萩原 誠久. 心不全に対する陽圧治療の現状と展望～ガイドラインに基づいた陽圧治療～. 第 5 回心不全陽圧治療研究会. 2011. 02. 26. 東京
187. Take Y, Morita H, Nagase S, et al. Identification of high-risk syncope related to ventricular fibrillation in patients with Brugada syndrome. 4th APHRS, 2011
188. Evaluation of Defibrillation Safety with the increased Number of Sensing to Reduce Shocks for Ventricular Fibrillation in Japanese ICD Patients - SANKS STUDY -2012.8.12 田原・アショフ洞結節研究会. ミュンヘン
189. ICD 設定のピットホール.2013.2.24 第 5 回植え込みデバイス関連冬季大会.一つ
- 橋講堂・如水会館
190. 植込み型除細動器作動伝導様式に基づいた出力抑制による心筋障害抑制の検討. 2012.10.27 心電情報処理 W.S.熱海
191. 植え込み型除細動器の頻拍感知心拍数延長による心室細動停止の安全性と不適切作動抑制の検討.2012.10.12.心電図学会. 千葉
192. 植え込み型除細動器(ICD)作動による
193. 心筋障害抑制を目的とした ICD 出力抑制の検討.2012.7.6.不整脈学会.横浜
194. Electrocardiogram.APHRS.2011.9. 福岡
195. Evaluation of Defibrillation Safety with the increased Number of Sensing to Reduce Shocks for Ventricular Tachyarrhythmia in Japanese ICD Patients.2012.10.1.APHRS. Taiwan
196. How to Prevent Unnecessary or Inappropriate Shock (New Algorithm for ICD Shock Control).APHRS.2011.9 福岡
197. Two Cases Undersensing of Ventricular Fibrillation Due to Atypical ChangeonIntracardiac Electrocardiogram. APHRS. 2011.9. 福岡
198. ICD の不適、不必要作動抑制の検討.第 45 回ペーシング治療研究会.2011.小倉
199. J 波症候群患者における植え込み型除細動器(ICD)の適切・不適切作動の状況 冬季デバイス大会. 2012.北九州
200. Investigation about coronary artery vasospasm on Brugada syndrome. JCS2012. 福岡
201. 突然死の予知指標の検討.ホルター心電図研究会.2010.7 大阪
202. The examination of a prospective index of the sudden cardiac death. 3rd APHRS

- 2010.10 Korea
203. Characteristics of sinus rhythm ECG in patients with idiopathic VF. 3rdAPHRS
2010.10 Korea
204. Ueyama T, Shimizu A, Doi M, Omiya T, Yoshida M, Hiratsuka A, Fukuda M, Kato T, Matsuzaki M: The effect of Na⁺-channel blocker on J wave in patients without apparent organic heart disease. 第75回日本循環器学会総会 2011年3月
205. Kokubo Y, Shimizu W, Kamakura S, Watanabe M, Kada A, Kawanishi K, Miyamoto Y: Obesity index and the risk of atrial fibrillation in an urban Japanese cohort: the suita study. AHA 2011(Nov 12-16, Orlando)
- 206.

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

II. 研究成果の刊行に関する一覧表

研究成果の刊行に関する一覧表

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
平成 22 年度					
Takigawa M, Noda T, Kurita T, Aihara N, Yamada Y, Okamura H, Satomi K, Suyama K, <u>Shimizu W</u> , <u>Kamakura S</u>	Predictors of Electrical Storm in Patients with Idiopathic Dilated Cardiomyopathy - How to Stratify the Risk of Electrical Storm.	Circulation J	74	1822-1829	2010
Kawata H, Noda T, Kurita T, Yamagata K, Yamada Y, Okamura H, Satomi K, <u>Shimizu W</u> , Suyama K, Aihara N, Isobe M, <u>Kamakura S</u> .	Clinical effect of implantable cardioverter defibrillator replacements -When should you resume driving after an implantable cardioverter defibrillator replacement?	Circulation J	74	2301-2307	2010
Matsuyama T, Ishibashi-Ueda H, Ikeda Y, Yamada Y, Okamura H, Noda T, Satomi K, Suyama K, <u>Shimizu W</u> , Aihara N, <u>Kamakura S</u> , Inoue S	The positional relationship between the coronary sinus musculature and the atrioventricular septal junction.	Europace	12	719-725	2010
Nagai T, Satomi K, Noda T, Okamura H, Yamada Y, <u>Shimizu W</u> , Suyama K, Aihara N, <u>Kamakura S</u> , Kurita T	Relationship between Oral Amiodarone and Inappropriate Therapy from an implantable cardioverter defibrillator.	Circulation J	74	1302-1307	2010
Kandori A, Ogata K, Miyashita T, Takaki H, Kanzaki H, Hashimoto S, <u>Shimizu W</u> , <u>Kamakura S</u> , Watanabe S, Aonuma K	Subtraction Magnetocardiogram for Detecting Coronary Heart Disease.	A.N.E.	15	360-368	2010
Nishizaki M, Sugi K, Izumida N, <u>Kamakura S</u> , Aihara N, Aonuma K, Atarashi H, Takagi M, Nakazawa K, Yokoyama Y, Kaneko M, Suto J, Saikawa T, Okamoto N, Ogawa S, Hiraoka M	Investigators of the Japan Idiopathic Ventricular Fibrillation Study; Subgroup of the Japanese Society of Electrocardiology: Classification and assessment of computerized diagnostic criteria for Brugada-type electrocardiograms.	Heart Rhythm	7	1660-1666	2010
<u>Kamakura S</u>	Is early repolarization syndrome different from Brugada syndrome?	J Arrhythmia	26	155-156	2010
<u>鎌倉史郎</u>	特発性心室細動類縁疾患-Brugada 症候群-	呼吸と循環	58	21-31	2010
<u>鎌倉史郎</u>	Brugada 症候群による突然死	カレントテラピー	28	26-31	2010

<u>鎌倉史郎</u>	Brugada 症候群	診療方針 up-to-date. 医学のあゆみ	234	703-708	2010
Miyamoto A, Hayashi H, Ito M, <u>Horie M</u>	Remission of abnormal conduction and repolarization in the right ventricle after chemotherapy in patients with anterior mediastinal tumor.	J Cardiovasc Electrophysiol.		in press	
Li P, Ninomiya H, KurataY, Kato M, Miake J, Yamamoto Y, Igawa O, Nakai A, Higaki K, Toyoda F, Wu J, <u>Horie M</u> , Shirayoshi Y, Hiraoka M, Hisatome I.	Reciprocal control of HERG stability by Hsp70 and Hsc70 with implication for Restoration of LQT2 Mutant Stability.	Circ Res		in press	
Miyamoto A, Hayashi H, Makiyama T, Yoshino T, Mizusawa Y, Sugimoto Y, Ito M, Xue JQ, Murakami Y, <u>Horie M</u> .	Risk determinants in individuals with a spontaneous type 1 Brugada ECG.	Circ J.		in press	
Ozeki Y, Fujii K, Kuromoto N, Yamada N, Okawa M, Aoki T, Takahashi J, Narita M, Ishida N, Saito O, <u>Horie M</u> , Kunugi H.	QTc prolongation and antipsychotic medication in 1017 patients with schizophrenia.	Prog Neuropsychopharmacol Biol Psychiatry.	34	401-405	2010
Wu J, <u>Shimizu W</u> , Ding WG, Ohno S, Toyoda F, Itoh H, Zang WJ, Miyamoto Y, <u>Kamakura S</u> , Matsuura H, Nademanee J, Brugada J, Brugada P, Brugada R, Vatta M, Towbin JA, Antzelevitch C, <u>Horie M</u> .	KCNE2 modulation of Kv4.3 current and its potential role in fatal rhythm disorders.	Heart Rhythm	7	199-205	2010
Horigome H, Nagashima M, Sumitomo N, Yoshinaga M, Ushinohama H, Iwamoto M, Shiono J, Ichihashi K, Hasegawa S, Yoshikawa T, Matsunaga T, Goto H, Waki K, Arima M, Takasugi H, Tanaka Y, Miura M, Ogawa K, Suzuki H, Yamagishi H, Ikoma M, Suda K, Takagi J, Sato J, Shimizu H, Saiki H, Hoshiai M, Ichida F, Takeda S, Takigiku K, Inamura N, Kajino H, Murakami T, <u>Shimizu W</u> , <u>Horie M</u> :	Clinical characteristics and genetic background of congenital long QT syndrome diagnosed in fetal, neonatal and infantile life. A nation-wide questionnaire survey in Japan.	Circ Arrhythm Electrophysiol	3	10-17	2010

Ishida K, Hayashi H, Miyamoto A, Sugimoto Y, Ito M, Murakami Y, <u>Horie M.</u>	P-wave and the development of atrial fibrillation.	Heart Rhythm	7	289-294	2010
Watanabe H, Makiyama T, Koyama T, Kannankeril PJ, Seto S, Okamura K, Oda H, Itoh H, Okada M, Tanabe N, Yagihara N, <u>Kamakura S., Horie M.</u> , Aizawa Y, <u>Shimizu W.</u>	High prevalence of early repolarization in short QT syndrome.	Heart Rhythm	7	647-652	2010
Toyoda F, Ding WG, Zankov DP, Omatsu-Kanbe M, Isono T, <u>Horie M.</u> , Matsuura H.	Characterization of the rapidly activating delayed rectifier potassium current, I_{Kr} , in HL-1 mouse atrial myocytes.	J Membr Biol.	235	73-87	2010
Yasuda S, Hiramatsu S, Odashiro K, Maruyama T, Tsuji K, <u>Horie M.</u>	A family of hereditary long QT syndrome caused by Q738X HERG mutation.	Int J Cardiol.	144	69-72	2010
Yamamura K, Muneuchi J, Uike K, Ikeda K, Inoue H, Takahata Y, Shiokawa Y, Yoshikane Y, Makiyama T, <u>Horie M.</u> , Hara T.	A novel SCN5A mutation associated with the linker between III and IV domains of Na(v)1.5 in a neonate with fatal long QT syndrome.	Int J Cardiol.	145	61-64	2010
<u>Horie M</u>	Bi-directional ventricular tachycardia revised.	Journal of Arrhythmia	26	3-4	2010
Itoh H, <u>Shimizu W.</u> , Hayashi K, Yamagata K, Sakaguchi T, Ohno S, Makiyama T, Akao M, Ai T, Noda T, Miyazaki A, Miyamoto Y, Yamagishi M, <u>Kamakura S., Horie M.</u>	Long QT syndrome with compound mutations is associated with a more severe phenotypes: A Japanese Multicenter Study.	Heart Rhythm	7	1411-1418	2010
Nagaoka I, <u>Shimizu W.</u> , Mizusawa Y, Sakaguchi T, Itoh H, Ohno S, Makiyama T, Yamagata K, Makimoto H, Miyamoto Y, <u>Kamakura S., Horie M.</u>	Heart rate-dependent variability of cardiac events in type 2 congenital long-QT syndrome.	Europace	12	1623-1629	2010
Hayashi H, Miyamoto A, Ishida K, Yoshino T, Sugimoto Y, Ito M, <u>Horie M.</u>	Prevalence and QT interval of early repolarization in a hospital-based population.	Journal of Arrhythmia	26	127-133	2010
伊藤英樹、堀江 稔	遺伝子異常と不整脈	臨床と研究	87	98-101	2010
伊藤英樹、堀江 稔	QT が長ければ QT 延長症候群か？	medicina	47	66-68	2010

<u>堀江 稔</u>	日本人の心房細動における治療戦略の最新状況	Trans BEAT	7	12-14	2010
<u>堀江 稔</u>	デスマゾーム病としての不整脈源性右室心筋症—デスマゾーム分子遺伝子異常	医学のあゆみ	232	588-592	2010
<u>堀江 稔</u>	運動中の心臓性突然死：成人の不整脈	心電図	30-s2	13-24	2010
<u>堀江 稔</u>	座談会 冠動脈疾患の治療を考える～ISHガイドライン改正を受けて～	血圧	17	35-40	2010
中澤優子、芦原貴司、八尾武憲、城日加里、伊藤英樹、杉本喜久、伊藤 誠、 <u>堀江 稔</u>	肺静脈隔離手術後の心房細動再発検出における携帯型心電機の有用性	心電図	30-s1	71	2010
伊藤英樹、清水 渉、林研至、山形研一郎、坂口知子、大野聖子、牧山 武、赤尾昌治、藍 智彦、野田崇、宮崎 文、宮本恵宏、山岸正和、鎌倉史郎、 <u>堀江 稔</u>	先天性 QT 延長症候群の遺伝子診断—複数異変症例の検討—	心電図	30	195-199	2010
牧山 武、静田 聰、赤尾昌治、木村 剛、 <u>堀江 稔</u>	家族性ペースメーカー植え込み症例における遺伝的背景の検討—心臓 Na ⁺ チャネル病、Lamin A/C 遺伝子関連心筋症—	心電図	30	200-208	2010
佐野 幹、渡邊英一、牧山 武、内山達司、祖父江嘉洋、奥田健太郎、山本真由美、 <u>堀江 稔</u> 、尾崎行男	ペースメーカー植込み同胞例に認められたあらたな Lamin A/C 変異 A novel lamin A/C gene mutation in siblings treated with cardiac pacemaker.	心電図		in press	2010
<u>堀江 稔</u>	高血圧と不整脈：高血圧の治療によって不整脈発症の予防は可能か？	Life Style Medicine	4	322-326	2010
<u>堀江 稔</u>	遺伝性不整脈の診断と治療における iPS 細胞利用の可能性。	最新医学		139-145	2010
<u>堀江 稔</u>	QT 短縮症候群	医学のあゆみ	234	719-722	2010
<u>堀江 稔</u>	遺伝性不整脈の診断と治療	臨床医のための循環器診療 1 3	13	29-32	2010
草野研吾	特発性心室細動の予防から治療まで。	Circulation up-to-date	5 (4)	39-44	2010

草野研吾	QT延長症候群における突然死 特集「心臓突然死」	カレントテラピー	28(1)	20-25	2010
草野研吾	ここでつまずく不整脈、ハイリスク患者を見逃す。	Medicina	47 (1)	56-59	2010
Nishii N, Nagase S, Morita H, <u>Kusano KF</u> et al	Abnormal restitution property of action potential duration and conduction delay in Brugada syndrome: both repolarization and depolarization abnormalities.	Europace.	12	544-552	2010
Tanaka M, Nakamura K, <u>Kusano KF</u> et al	Elevated oxidative stress is associated with ventricular fibrillation episodes in patients with Brugada-type electrocardiogram without SCN5A mutation.	Cardiovasc Pathol.	20	E37-e42	2010
Toh N, Morita H, Nagase S, <u>Kusano KF</u> et al	Atrial electrophysiological and structural remodeling in high-risk patients with Brugada syndrome: assessment with electrophysiology and echocardiography.	Heart Rhythm	7(2)	218-224.	2010
Murakami M, Nakamura K, <u>Kusano KF</u> et al	Efficacy of Low-dose Bepridil for Prevention of Ventricular Fibrillation in Brugada Syndrome Patients with and without SCN5A Mutation.	J Cardiovasc Pharmacol	56(4)	389-395	2010
Nishii N, Ogawa M, Morita H, Nakamura K, <u>Kusano KF</u> et al	SCN5A mutation is associated with early and frequent recurrence of ventricular fibrillation in patients with Brugada syndrome.	Circ J.	74(12)	2572-2578	2010
Nagase S, Hiramatsu S, <u>Kusano KF</u> et al	Electroanatomical correlation of repolarization abnormalities in Brugada syndrome: detection of type 1 electrocardiogram in the right ventricular outflow tract	J Am Coll Cardiol	56(25)	2143-2145	2010
Sugi M, <u>Shimizu A</u> , Ueyama T, Yoshiga Y, Doi M, Ohmiya T, Ohno M, Yoshida M, Matsuzaki M	What variables were associated with the inducibility of VF during electrophysiologic stimulation test in patients without apparent organic heart disease?	J Cardiol	56	35-43	2010
<u>Shimizu W</u>	Editorial Commentary. Diagnostic values of bipolar precordial leads in Brugada syndrome: More accurate, more simple, or more theoretical?	Heart Rhythm	7	216-217	2010
<u>Shimizu W</u>	How the knowledge of genetic "makeup" and cellular data can affect the analysis of repolarization in surface ECG.	J Electrocardiol	43	583-587	2010
Yokokawa M, Okamura H, Noda T, Satomi K, Suyama K, Kurita T, Aihara N, <u>Kamakura S</u> , <u>Shimizu W</u>	Neurally-mediated syncope as a cause of syncope in patients with Brugada electrocardiogram.	J Cardiovasc Electrophysiol	21	186-192	2010

Kapplinger JD, Tester DJ, Alders M, Benito B, Berth et M, Brugada J, Brugada P, Fressart V, Guerchicoff A, Harris-Kerr C, <u>Kamakura S</u> , Kyndt F, Koopman TT, Miyamoto Y, Pfeiffer R, Pollevick GD, Probst V, Zumhagen S, Vatta M, Towbin JA, <u>Shimizu W</u> , Schulze-Bahr E, Antzel evitch C, Salisbury BA, Guicheney P, Wilde AA, Brugada R, Schott JJ, Ackerman MJ	An international compendium of mutations in the SCN5A-encoded cardiac sodium channel in patients referred for Brugada syndrome genetic testing.	Heart Rhythm	7	33-46	2010
Nakano Y, <u>Shimizu W</u> , Ogi H, Suenari K, Oda N, Makita Y, Kajihara K, Hira Y, Sairaku A, Tokuyama T, Tonouchi Y, Ueda S, Sueda T, Chayama K, Kihara Y	Spontaneous type 1 electrocardiogram pattern in the V ₂ lead is an independent predictor of ventricular fibrillation in Brugada syndrome.	Europace	12	410-416	2010
Makimoto H, Nakagawa E, Takaki H, Yamada Y, Okamura H, Noda T, Satomi K, Suyama K, Aihara N, Kurita T, <u>Kamakura S</u> , <u>Shimizu W</u>	Augmented ST-segment elevation during recovery from exercise predicts cardiac events in patients with Brugada syndrome.	J Am Coll Cardiol	56	1576-84	2010
Oka Y, Itoh H, Ding WG, <u>Shimizu W</u> , Makiyama T, Ohno S, Nishio Y, Sakaguchi T, Miyamoto A, Kawamura M, Matsuura H, <u>Horie M</u>	Atrioventricular block-induced torsades de pointes with clinical and molecular backgrounds similar to congenital long QT syndrome.	Circ J	74	2562-2571	2010
Goldenberg I, Horr S, Moss AJ, Lopes CM, Barshes het A, McNitt S, Zareba W, Andrews ML, Robinson JL, Locati EH, Ackerman MJ, Benhorin J, Kaufman ES, Napolitano C, Platono v PG, Priori SG, Qi M, Schwartz PJ, <u>Shimizu W</u> , Towbin JA, Vincent GM, Wilde AA, Zhang L	Risk for Life-threatening cardiac events in patients with genotype-confirmed long-QT syndrome and normal-range corrected QT intervals.	J Am Coll Cardiol	57	51-59	2010
<u>Shimizu W</u> , <u>Horie M</u>	Phenotypical manifestations of mutations in genes encoding subunits of cardiac potassium channels.	Circ Res			2011 (in press)
Aiba T, <u>Shimizu W</u>	Editorial Commentary. Molecular screening of long-QT syndrome: risk is there or rare?	Heart Rhythm	8		2011 (in press)
Van der Werf C, Kannank eril PJ, Sacher F, Krahn A D, Viskin S, Leenhardt S, <u>Shimizu W</u> , Sumitomo N, Fish FA, Bhuiyan ZA, Willems AR, vander Veen M J, Watanabe H, Laborde J, Haïssaguerre M, Knollmann BC, Wilde AAM	Flecainide therapy reduces exercise-induced ventricular arrhythmias in patients with catecholaminergic polymorphic ventricular tachycardia.	J Am Coll Cardiol	57		2011 (in press)

平成 23 年度

Makimoto H, <u>Kamakura S</u> , Aihara N, Noda T, Nakajima I, Yokoyama T, Doi A, Kawata H, Yamada Y, Okamura H, Satomi K, Aiba T, <u>Shimizu W</u> .	Clinical impact of the number of extrastimuli in programmed electrical stimulation in patients with Brugada type 1 electrocardiogram.	Heart Rhythm	9	242-248	2012
Kawata H, Noda T, Yamada Y, Okamura H, Satomi K, Aiba T, Takaki H, Aihara N, Isobe M, <u>Kamakura S</u> , <u>Shimizu W</u> .	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
Kawata H, Noda T, Yamada Y, Okamura H, Nakajima H, Kobayashi J, <u>Kamakura S</u> .	Abrupt Heart Rate Fallings in a Patient with Biventricular Pacing: Latent Risk for Exacerbation of Heart Failure.	Pacing Clin	35	e55- e58	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, <u>Kamakura S</u> , Horie M, Aizawa Y, <u>Shimizu W</u> , Makita N.	Electrocardiographic characteristics and SCN5A mutations in idiopathic ventricular fibrillation associated with early repolarization.	Circ Arrhythmia and Electrophysiol	4	874-881	2011
Kurita T, Noda T, Aiba T, Nakajima I, <u>Shimizu W</u> , Motoki K, Yasuoka R, Miyazaki S, <u>Kamakura S</u> .	Cardiac resynchronization therapy to prevent life-threatening arrhythmias in patients with congestive heart failure.	J Electrocardiol	44	736-741	2011
Makimoto H, Noda T, Kurita T, Nakajima I, Yokoyama T, Doi A, Yamada Y, Okamura H, Satomi K, Aiba T, <u>Shimizu W</u> , Suyama K, Aihara N, <u>Kamakura S</u> .	Incessant monomorphic ventricular tachycardia induced by the proarrhythmic effect of amiodarone.	Intern Med	50	2591-2595	2011
Ogawa S, Koretsune Y, Yasaka M, Aizawa Y, Atarashi H, Inoue H, <u>Kamakura S</u> , Kumagai K, Mitamura H, Okumura K, Sugi K, Yamashita T.	Antithrombotic therapy in atrial fibrillation : evaluation and positioning of new oral anticoagulant agents.	Circ J	75	1539-1547	2011
Sekiguchi Y, Tada H, Yoshida K, Seo Y, Li S, Tejima T, Shoda M, <u>Kamakura S</u> , Aonuma K.	Significant increase in the incidence of ventricular arrhythmic events after an intrathoracic impedance change measured with a cardiac resynchronization therapy defibrillator.	Circ J	75	2614-2620	2011
Yamashita T, Inoue H, Okumura K, Kodama I,	Randomized trial of angiotensin II-receptor blocker vs.	Europace	13	473-479	2011

Aizawa Y, Atarashi H, Ohe T, Ohtsu H, Kato T, Kamakura S , Kumagai K, Kurachi Y, Koretsune Y, Saikawa T, Sakurai M, Sato T, Sugi K, Nakaya H, Hirai M, Hirayama A, Fukatani M, Mitamura H, Yamazaki T, Watanabe E, Ogawa S; J-RHYTHM II Investigators.	dihydropiridine calcium channel blocker in the treatment of paroxysmal atrial fibrillation with hypertension (J-RHYTHM II study).				
<u>鎌倉 史郎</u>	Brugada 症候群の最近の考え方 －麻酔薬との関連を含めて－.	日本臨床麻酔学会誌	31	771-778	2011
<u>鎌倉 史郎</u>	Brugada 症候群.	Heart View	15	201-205	2011
<u>鎌倉 史郎</u>	早期再分極 (J 波) 症候群.	臨床医のための循環器診療	15	24-28	2011
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.	Journal of American College of Cardiology		in press	
Kuramoto Y, Furukawa Y, Yamada T, Okuyama Y, Horie M , Fukunami M.	Andersen-Tawil Syndrome Associated With Aborted Sudden Cardiac Death: Atrial Pacing Was Effective for Ventricular Arrhythmias.	AJMS		in press	
Okayasu H, Ozeki Y, Fujii K, Takano Y, Saeki Y, Hori H, Horie M , Higuchi T, Kunugi H, Shimoda K.	Pharmacotherapeutic determinants for QTc interval prolongation in Japanese patients with mood disorder.	Pharmacopsychiatry		in press	
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.	Cardiovascular Research	934	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 Archiv	463(4)	625-633	2012
Makita N, Seki A, Sumitomo N, Fukuhara S, Watanabe H, Shimizu W , Bezzina CR., Hasdemir C, Mugishima H, Makiyama T, Baruteau A, Baron E, Horie M , Hagiwara N, Wilde AA.	A connexin40 mutation associated with a malignant variant of progressive familial heart block type I.	Circulation: Arrhythmia and Electrophysiology	5(1)	163-172	2012

M, Probst V, Marec HL, Delmar M, Roden DM, Mochizuki N, Schott JJ. A.					
Yamazaki M, Honjo H, Ashihara T, Harada M, Sakuma I, Nakazawa K, Trayanova N, Horie M , Kalifa J, Jalife J, Kamiya K, Kodama I.	Regional cooling facilitates termination of spiral-wave reentry through unpinning of rotors in rabbit hearts.	Heart Rhythm	9	107-114	2012
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.	Circulation Arrhythmia and Electrophysiology	5	e14-e17	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(1)	66-74	2012
Li P, Ninomiya H, Kurata Y, Kato M, Miake J, Yamamoto Y, Igawa O, Nakai A, Higaki K, Toyoda F, Wu J, Horie M , Shirayoshi Y, Hiraoka M, Hisatome I.	Reciprocal control of hERG stability by Hsp70 and Hsc70 with implication for restoration of LQT2 mutant stability.	Circulation Research	108	458-468	2011
Miyamoto A, Hayashi H, Makiyama T, Yoshino T, Mizusawa Y, Sugimoto Y, Ito M, Xue JQ, Murakami Y, Horie M .	Risk determinants in individuals with a spontaneous type 1 Brugada ECG.	Circulation Journal	75	844-851	2011
Ohno S, Zankov DP, Ding WG, Itoh H, Makiyama T, Doi T, Shizuta S, Hattori T, Miyamoto A, Naiki N, Hancox JC, Matsuura H, Horie M .	KCNE5 (KCNE1L) variants are novel modulators of brugada syndrome and idiopathic ventricular fibrillation.	Circulation: Arrhythmia and Electrophysiology	4(3)	352-361	2011
Doi T, Makiyama T, Morimoto T, Haruna Y, Tsuji K, Ohno S, Akao M, Takahashi Y, Kimura T, Horie M .	A novel KCNJ2 nonsense mutation, S369X, impedes trafficking and causes a limited form of andersen-tawil syndrome.	Circulation: Cardiovascular Genetics	4	253-260	2011
Shimizu W, Horie M.	Phenotypical manifestations of mutations in genes encoding subunits of cardiac potassium channels.	Circulation Research	109	97-109	2011

Tsuji -Wakisaka K, Akao M, Ishii TM, Ashihara T, Makiyama T, Ohno S, Toyoda F, Nishio Y, Sakaguchi T, Matsuura H, Horie M.	Identification and functional characterization of KCNQ1 mutations around the exon7-intron7 junction affecting the splicing process.	Biochem Biophys Acta-Molecular Basis of Disease	1812	1524-14 59	2011
Hayashi H, Horie M.	Heritability of early repolarization: A population-based study.	Circulation Cardiovascular Genetics	4(5)	e20	2011
Kimura H, Mizusawa Y, Itoh H, Miyamoto A, Kawamura M, Kawaguchi T, Naiki N, Oka Y, Ohno S, Makiyama T, Ito M, Horie M.	Carvedilol, a non-selective β -with α_1 -blocker is effective in long QT syndrome type2.	Journal of Arrhythmia	27	324-331	2011
Miyamoto A, Hayashi H, Ito M, Horie M. 22; 350, 2011.	Remission of abnormal conduction and repolarization in the right ventricle after chemotherapy in patients with anterior mediastinal tumor.	J Cardiovasc Electrophysiol.	22	350	2011
佐野 幹、渡邊栄一、牧山 武、内山達司、祖父江嘉洋、奥田健太郎、山本真由美、堀江 稔、尾崎行男	ペースメーカー植え込み同胞 靈位認められた新たな Lamin A/C 変異	心電図	31(1)	18-24	2011
伊藤英樹、堀江 稔、井本 敬二	遺伝性不整脈疾患とシミュレーション。	不整脈+PLUS	3	9	2011
定 翼、国分則人、堀江 稔、阿部百佳、駒ヶ嶺朋子、平田幸一	KCNJ2 変異を伴う Andersen-Tawil 症候群の神経生理所見。	臨床神経生理学	39(1)	18-23	2011
堀江 稔	循環器疾患における遺伝的背景と発症機序理解のための多面的アプローチ	循環器内科	70	421-422	2011
脇坂啓子、堀江 稔	スプライシング異常と循環器疾患	循環器内科	70	523-529	2011
田中正道、永瀬聰、草野研吾 他	左室心外膜にて著明なJ波とOut of QRS potentialが記録されたBrugada症候群 (J wave syndrome) の1例	臨床心臓電気生理	34	205-215	2011
Kusano, KF	High risk ECG in asymptomatic patients with Brugadasyndrome.	Circ J	75	777-778	2011
Tanaka M, Nakamura K, Kusano KF et al	Elevated oxidative stress is associated with ventricular fibrillation episodes in patients with brugada-type electrocardiogram without scn5a mutation.	Cardiovascular pathology	20	e37-42	2011
Take Y, Morita H, Kusano KF et al	Spontaneous electrocardiogram alterations predict ventricular fibrillation in brugada syndrome.	Heart rhythm	8	1014-10 21	2011
草野研吾	Brugada症候群に合併したVF stormに対するペプリジルの効果	ペプリジル研究会2011記録集		8-9	2011

榎本善成、野呂眞人、伊藤尚志、久次米真吾、森山明義、熊谷賢太、酒井 肇、坂田隆夫、杉 薫	Brugada型心電図所見を呈し不整脈源性右室心筋症との関連が示唆された2症例	心臓	Vol 4 4. No.4	456-462	2012
Hiratsuka A, <u>Shimizu A</u> , Uekyama T, Yoshiga Y, DOI M, Ohmiya T, Yoshida M, Fukuda M, Matsuzaki M	Characteristic of induced ventricular fibrillation cycle length in symptomatic Brugada syndrome	Cir J	76 (3)	624-633	2012
Aiba T, <u>Shimizu W</u>	Editorial Commentary. Molecular screening of long-QT syndrome: risk is there or rare?	Heart Rhythm	8	420-421	2011
Goldenberg I, Horr S, Moss AJ, Lopes CM, Barshehet A, McNitt S, Zareba W, Andrews ML, Robinson JL, Locati EH, Ackerman MJ, Benhorin J, Kaufman ES, Napolitano C, Platonov PG, Priori SG, Qi M, Schwartz PJ, <u>Shimizu W</u> , Towbin JA, Vincent GM, Wilde AA, Zhang L	Risk for Life-threatening cardiac events in patients with genotype-confirmed long-QT syndrome and normal-range corrected QT intervals.	J Am Coll Cardiol 1	57	51-59	2011
Jons C, O-Uchi J, Moss AJ, Reumann M, Rice JJ, Goldenberg I, Zareba W, Wilde AA, <u>Shimizu W</u> , Kanders JK, McNitt S, Hofman N, Robinson JL, Lopes CM:	Use of mutant-specific ion channel characteristics for risk stratification of long QT syndrome patients.	Sci Transl Med	3	76ra28	2011
Migdalovich D, Moss AJ, Lopes CM, Costa J, Ouelliet G, Barshehet A, McNitt S, Polonsky S, Robinson JL, Zareba W, Ackerman MJ, Benhorin J, Kaufman ES, Platonov PG, <u>Shimizu W</u> , Towbin JA, Vincent GM, Wilde AA, Goldenberg I	Mutation and gender specific risk in type-2 long QT syndrome: Implications for risk stratification for life-threatening cardiac events in patients with long QT syndrome.	Heart Rhythm	8	1537-1543	2011
van der Werf C, Kannankeralil PJ, Sacher F, Krahn AD, Viskin S, Leenhardt S, <u>Shimizu W</u> , Sumitomo N, Fish FA, Bhuiyan ZA, Willems AR, van der Veen MJ, Watanabe H, Laborde J, Haissaguerre M, Kollmann BC, Wilde AAM	Flecainide therapy reduces exercise-induced ventricular arrhythmias in patients with catecholaminergic polymorphic ventricular tachycardia.	J Am Coll Cardiol	57	2244-2254	2011
Miyoshi T, Maeno Y, Sagio 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, <u>Shimizu W</u> , Shiraiishi I, Sakaguchi H, Nishimura K, Ueda K, Katsuragi S, Ikeda T	Evaluation of transplacental treatment for fetal congenital bradycardia: A nationwide survey in Japan.	Circ J	76	469-476	2012