

## 分子生理学(生理学第一)

### A 欧文

#### A-a

1. Watanabe H, Ohkubo K, Watanabe I, Matsuyama T A, 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.* 165(2): e21-3, 2013(IF:5.509) \*
2. Nakano Y, Chayama K, Ochi H, Toshishige M, Hayashida Y, Miki D, Hayes C N, 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(4): e1003364, 2013(IF:8.517) \*
3. 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(5): 291-295, 2013
4. Ishikawa T, Takahashi N, Ohno S, Sakurada H, Nakamura K, On Y K, Park J E, 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(4): 959-67, 2013(IF:3.578) \* ☆
5. Bezzina C R, Barc J, Mizusawa Y, Remme C A, Gourraud J-B, Simonet F, Verkerk A O, Schwartz P J, Crotti L, Dagradi F, Guicheney P, Fressart V, Leenhardt A, Antzelevitch C, Bartkowiak S, Schulze-Bahr E, Zumhagen S, Behr E R, Bastiaenen R, Tfelt-Hansen J, Olesen M S, Kaab S, Beckmann B M, 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 B J, Bezieau S, Charpentier E, Chatel S, Despres A, Gros F, Kyndt F, Lecointe S, Lindenbaum P, Portero V, Violleau J, Gessler M, Tan H L, Roden D M, Christoffels V M, Marec H L, Wilde A A, Probst V, Schott J J, 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(9): 1044-1049, 2013(IF:35.209) \*

#### A-b

1. Makita N. Paradigm shifts in the genetics of inherited arrhythmias: Using next-generation sequencing technologies to uncover hidden etiologies. *J Arrhythmia.* 29(6): 305-307, 2013
2. Tsuji Y, Dobrev D. Safety and efficacy of vernakalant for acute cardioversion of atrial fibrillation: an update. *Vasc Health Risk Manag.* 9:165-175, 2013
3. Tsuji Y, Heijman J, Nattel S, Dobrev D. Electrical storm: recent pathophysiological insights and therapeutic consequences. *Basic Res Cardiol.* 108(2): 336-355, 2013(IF:5.904) \*

### B 邦文

#### B-b

1. 蒔田直昌：心臓伝導障害の遺伝子基盤。不整脈 2013, 12-22, 2013
2. 蒔田直昌：【致死性不整脈診療の最前線】 致死性不整脈診療 遺伝性心臓伝導障害。最新医学, 68: 1588-1596, 2013
3. 蒔田直昌：【イオンチャネル病のすべて】 進行性心臓伝導障害。医学のあゆみ, 245: 802-809, 2013
4. 蒔田直昌：難治性不整脈の遺伝子解析。循環器専門医, 21: 3-8, 2013

#### B-c

1. 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（編）：日本心電学会 30 年の軌跡, pp.154-157, 所収）2013

論文数一覧

	A-a	A-b	A-c	A-d	A-e	合計	SCI	B-a	B-b	B-c	B-d	B-e	合計	総計
2013	5	3	0	0	0	8	5	0	4	1	0	0	5	13

学会発表数一覧

	A-a	A-b		合計		B-a	B-b		合計	総計
		シ ポ ジ ウム	学 会				シ ポ ジ ウム	学 会		
2013	2	3	11	16		5	2	10	17	33

論文総数に係る教員生産係数一覧

	<u>欧文論文総 数</u> 論文総数	教員生産係 数 (欧文論文)		<u>SCI 掲載論文 数</u> 欧文論文総数	教員生産係数 (SCI 掲載論 文)
2013	0.615	2.667		0.625	1.667

Impact factor 値一覧

	Impact factor	教員当たり Impact factor	論文当たり Impact factor
2013	58.717	19.572	11.743