

放射線生命科学部門 幹細胞生物学研究分野 (原研幹細胞)

A 欧 文

A-a

1. Milliaras K, Li TS, Luthringer D, Terrovitis J, Cheng K, Chakravarty T, Galang G, Zhang Y, Schoenhoff F, Van Eyk J, Marbán L, Marbán E : Safety and efficacy of allogeneic cell therapy in infarcted rats transplanted with mismatched cardiosphere-derived cells. *Circulation* 125(1): 100-112, 2012 (IF:14.739) * ☆
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3. Ueda K, Tanaka T, Hayashi M, Tanaka N, Li TS, Hamano K : Clinical ramifications of bronchial kink after upper lobectomy. *Ann Thorac Surg* 93(1): 259-265, 2012 (IF:3.741) *
4. Yoshida T, Goto S, Kawakatsu M, Urata Y, Li TS : Mitochondrial dysfunction, a probable cause of persistent oxidative stress after exposure to ionizing radiation. *Free Radic Res* 46(2): 147-153, 2012 (IF:2.878) * ○ ▽
5. Kubo M, Li TS, Kurazumi H, Takemoto Y, Ohshima Y, Murata T, Katura S, Morikage N, Furutani A, Hamano K : Hypoxic preconditioning enhances angiogenic potential of bone marrow cells with aging-related functional impairment. *Circ J* 76(4):986-994, 2012 (IF:3.766) * ☆
6. Li TS, Cheng K, Malliaras K, Smith RR, Zhang Y, Sun B, Matsushita N, Blusztajn A, Terrovitis J, Kusuoka H, Marbán L, Marbán E : Direct comparison of different stem cell types and subpopulations reveals superior paracrine potency and myocardial repair efficacy with cardiosphere-derived cells. *J Am Coll Cardiol* 59(10):942-953, 2012 (IF:14.156) * ☆
7. Cheng K, Malliaras K, Li TS, Sun B, Houde C, Galang G, Smith J, Matsushita N, Marbán E : Magnetic enhancement of cell retention, engraftment and functional benefit after intracoronary delivery of cardiac-derived stem cells in a rat model of ischemia/reperfusion. *Cell Transplant* 21(6): 1121-1135, 2012 * ☆
8. Ueda K, Tanaka T, Hayashi M, Li TS, Hamano K : Verification of early removal of the chest tube after absorbable mesh-based pneumostasis subsequent to video-assisted major lung resection for cancer. *World J Surg* 36(7): 1603-1607, 2012 (IF:2.362) *
9. Cheng K, Blusztajn A, Shen D, Li TS, Sun B, Galang G, Zarembinski TI, Prestwich GD, Marbán E, Smith RR, Marbán L : Functional performance of human cardiosphere-derived cells delivered in an in situ polymerizable hyaluronan-gelatin hydrogel. *Biomaterials* 33(21): 5317-5324, 2012 (IF:7.404) * ☆
10. Kubo M, Li TS, Kurazumi H, Takemoto Y, Ohshima M, Yamamoto Y, Nishimoto A, Mikamo A, Fujimoto M, Nakai A, Hamano K : Heat shock factor 1 contributes to ischemia-induced angiogenesis by regulating the mobilization and recruitment of bone marrow stem/progenitor cells. *PLoS One* 7(5): e37934, 2012 (IF:4.092) * ☆
11. Nakamoto M, Hirose M, Kawakatsu M, Nakayama T, Urata Y, Kamata K, Kaminogo M, Li TS, Nagata I : Serum S-glutathionylated proteins as a potential biomarker of carotid artery stenosis. *Clin Biochem* 45(16-17): 1331-1335, 2012 (IF:2.076) * ○
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14. Barth AS, Zhang Y, Li TS, Smith RR, Chimenti I, Terrovitis I, Davis DR, Kizana E, Ho AS, O'Rourke B, Wolff AC, Gerstenblith G, Marban E. Functional impairment of human resident cardiac stem cells by the cardiotoxic antineoplastic agent trastuzumab. *Stem Cells Transl Med* 1(4): 289-297, 2012 * ☆
15. Ono Y, Masuda S, Nam HS, Benezra R, Miyagoe-Suzuki Y, Takeda S. Slow-dividing satellite cells retain long-term self-renewal ability in adult muscle. *J Cell Sci* 125(Pt 5): 1309-1317, 2012 (IF:6.111) * ☆
16. Hisatomi K, Mukae H, Sakamoto N, Ishimatsu Y, Kakugawa T, Hara S, Fujita H, Nakamichi S, Oku H, Urata Y, Kubota H, Nagata K, Kohno S. Pirfenidone inhibits TGF- β 1-induced over-expression of collagen type I and heat shock protein 47 in A549 cells. *BMC Pulm Med* 12: 24, 2012 *

A-b

1. Kurazumi H, Li TS, Kubo M, Ikenaga S, Mikamo A, Hamano K : Mechanical stress suppresses the proliferation and improves the differentiation of cardiac stem cells and increases the release of paracrine factors. *ASCVTs 20th ANNUAL MEETING Program*. p283.
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B 邦 文

B-b

1. 小野悠介: 骨格筋部位特異的なサテライト細胞の性質と加齢による変容, 基礎老化研究. 36 (3) 51-53, 2012
2. 李 桃生: 心筋再生における細胞ソースの選択、細胞品質およびデリバリー方法の改善方策. 再生医療増刊号 11:217, 2012
3. 藏澄宏之、久保正幸、森景則保、美甘章仁、李 桃生、濱野公一: 血管再生療法の治療効果を増強する低酸素プレコンディショニングは加齢動物の骨髄細胞に対しても有効か?. 日本外科学会雑誌113 (臨時増刊号2) p391.
4. 竹本圭宏、李 桃生、久保正幸、原田栄二郎、上杉尚正、榎 忠彦、濱野公一: 手術侵襲による骨髄由来幹細胞の動員および集積が術後創傷治癒に関与する. 日本外科学会雑誌113 (臨時増刊号2) p422.
5. 藏澄宏之、李 桃生、山本由美、西本 新、久保正幸、濱野公一: メカニカルストレスが細胞移植による心筋再生療法に対して及ぼす影響. 再生医療増刊号11:283, 2012

B-c

1. 李 桃生、川勝美穂、小野悠介、後藤信治、浦田芳重: 急性放射線に対する抗酸化剤ニカラベン投与の効果. 第8回広島大学-長崎大学連携研究事業カンファレンス報告書. p.7, 2012
2. 小野悠介、川勝美穂、後藤信治、浦田芳重、李 桃生: 骨格筋部位特異的なサテライト細胞の性質と加齢による変化. 第35回日本基礎老化学会大会抄録集
3. 小野悠介: 骨格筋幹細胞の不均一性. 第35回日本分子生物学会年会抄録集
4. 小野悠介、川勝美穂、後藤信治、浦田芳重、李 桃生: サテライト細胞集団における幹細胞様細胞の同定. 第67回日本体力医学会大会抄録集

B-d

1. 李 桃生: iPS細胞医療関連. 朋百126: p 8-9, 2012

論文数一覧

	A-a	A-b	A-c	A-d	合計	SCI	B-a	B-b	B-c	B-d	合計	総計
2012	16	2	0	0	18	16	0	5	4	1	10	28

学会発表数一覧

	A-a	A-b		合計	B-a	B-b		合計	総計
		シンポジウム	学会			シンポジウム	学会		
2012	1	0	3	4	1	4	8	13	17

論文総数に係る教員生産係数一覧

	欧文論文総数 論文総数	教員生産係数 (欧文論文)	SCI 掲載論文数 欧文論文総数	教員生産係数 (SCI 掲載論文)
2012	0.643	4.5	0.889	4

Impact factor値一覧

	Impact factor	教員当たり Impact factor	論文当たり Impact factor
2012	70.451	17.613	4.403