

## 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. Kurazumi H, Kubo M, Ohshima M, Yamamoto Y, Takemoto Y, Suzuki R, Ikenaga S, Mikamo A, Udo K, Hamano K, Li TS: The effects of mechanical stress on the growth, differentiation, and paracrine factor production of cardiac stem cells. PLoS One 6(12):e28890, 2011 (IF:4.411) \*
2. Li TS, Ikeda S, Kubo M, Ohshima M, Kurazumi H, Takemoto Y, Ueda K, Hamano K: Diabetic impairment of C-kit bone marrow stem cells involves the disorders of inflammatory factors, cell adhesion and extracellular matrix molecules. PLoS One 6(10):e25543, 2011 (IF:4.411) \*
3. Kawakatsu M, Goto S, Yoshida T, Urata Y, Li TS: Nuclear translocation of glutathione S-transferase  $\pi$  is mediated by a non-classical localization signal. Biochem Biophys Res Commun 411(4):745-750, 2011 (IF:2.595) \* ○◇
4. Hayashida T, Komatsu T, Henmi Y, Yanagihara-Ota K, Kim AR, Chiba T, Goto S, Chung HY, Shimokawa I: Modest inhibition of the growth hormone axis does not affect mitochondrial reactive oxygen species generation or redox state, unlike calorie restriction. Geriatr Gerontol Int 11(4):496-503, 2011 (IF:1.782) \*
5. Ueda K, Tanaka T, Hayashi M, Li TS, Kaneoka T, Tanaka N, Hamano K: Compensation of pulmonary function after upper lobectomy versus lower lobectomy. J Thorac Cardiovasc Surg 142(4):762-767, 2011 (IF:3.608) \*
6. Takemoto Y, Li TS, Kubo M, Ohshima M, Ueda K, Harada E, Enoki T, Okamoto M, Mizukami Y, Murata T, Hamano K: Operative injury accelerates tumor growth by inducing mobilization and recruitment of bone marrow-derived stem cells. Surgery 149(6):792-800, 2011 (IF:3.406) \*
7. Lee ST, White AJ, Matsushita S, Malliaras K, Steenbergen C, Zhang Y, Li TS, Terrovitis J, Yee K, Simsir S, Makkar R, Marbán E: Intramyocardial injection of autologous cardiospheres or cardiosphere-derived cells preserves function and minimizes adverse ventricular remodeling in pigs with heart failure post-myocardial infarction. J Am Coll Cardiol 57(4):455-465, 2011 (IF:14.293) \*
8. Li TS, Cheng K, Malliaras K, Matsushita N, Sun B, Marbán L, Zhang Y, Marbán E: Expansion of human cardiac stem cells in physiological oxygen improves cell production efficiency and potency for myocardial repair. Cardiovasc Res 89(1):157-165, 2011 (IF:6.051) \*
9. Ueda K, Tanaka T, Hayashi M, Li TS, Tanaka N, Hamano K: Mesh-based pneumostasis contributes to preserving gas exchange capacity and promoting rehabilitation after lung resection. J Surg Res 167(2):e71-75, 2011 (IF:2.239) \*

#### A-b

1. Kamota T, Li TS, Morikage N, Murakami M, Ohshima M, Kubo M, Kobayashi T, Mikamo A, Hamano K: Bone marrow stem cells contribute to cardioprotection in the late phase of ischemic preconditioning. Bull Yamaguchi Med Sch 58:7-10, 2011
2. Takemoto Y, Li TS, Kubo M, Ueda K, Harada E, Uesugi N, Enoki T, Hamano K: Surgical injury accelerates tumor growth by inducing mobilization and recruitment of bone marrow-derived stem cells. World Journal of Surgery 35(Supplement 1):S46, 2011
3. Kubo M, Li TS, Kurazumi H, Takemoto Y, Ohshima M, Hamano K: Hypoxic preconditioning enhances the angiogenic and therapeutic potential of bone marrow cells with age-related functional impairment. Circulation: 124:A9198, 2011

#### A-c

1. Li TS, Marbán E: Reactive oxygen species play dual roles in the genomic stability of stem cells. DoReMi Stem Cell and DNA Damage Workshop, 2011

#### A-d

1. Li TS, Yoshida T, Kawakatsu M, Goto S, Urata Y, Marban E: Reactive oxygen species play dual roles in genomic stability of stem cells. The 6th International Symposium of Nagasaki University Global COE Program "Global Strategic Center for Radiation Health Risk Control" A New Challenge of Radiation Health Risk Management, pp. 39-40, 2011

**B 邦 文****B-b**

1. 久保正幸, 李桃生, 鴨田隆弘, 大島真子, 白澤文吾, 濱野公一: 低出力衝撃波照射によるリンパ管再生に基づいたリンパ浮腫治療法の開発. 再生医療 10(Supplement) 180, 2011
2. 李 桃生, Marban Eduardo: Expansion of human cardiac stem cells in physiologicak oxygen. 再生医療 10(Supplement) 205, 2011
3. 李 桃生, 濱野公一, Marban Eduardo: Physiological levels of ROS are required to maintain genomic stability in stem cells. 再生医療 10(Supplement) 205, 2011
4. 藏澄宏之, 久保正幸, 李 桃生, 深光 岳, 工藤智明, 佐藤正史, 鈴木 亮, 池永 茂, 白澤文吾, 美甘章仁, 濱野公一: 骨髄幹細胞を用いた血管再生治療に対する低酸素プレコンディショニング. 日本外科学会雑誌 112 (1・2) 650, 2011
5. 藏澄宏之, 李 桃生, 池田 聰, 大島真子, 工藤智明, 竹本圭宏, 鈴木 亮, 久保正幸, 池永 茂, 白澤文吾, 美甘章仁, 濱野公一: メカニカルストレスが心筋幹細胞へ及ぼす影響. General Thoracic and Cardiovascular Surgery 59(Supplement) 214, 2011

**B-c**

1. 藏澄宏之, 久保正幸, 大島真子, 李 桃生, 濱野公一: 骨髄由来細胞を用いた血管再生治療に対する低酸素プレコンディショニング. 第11回心血管再生先端治療フォーラム抄録集 7, 2011

**B-d**

1. 李 桃生: 教授就任の御挨拶. 朋百Vol.124 p.12, 2011
2. 李 桃生: (診療茶話No.385) 日本に来て15年あまりを振り返って. 長崎県医師会報第786号pp.30-33, 2011
3. 後藤信治, 川勝美穂, 吉田貴子, 浦田芳重, 李 桃生: 放射線によるミトコンドリア機能障害が核DNAに及ぼす影響. 平成23年度特別経費第7回広島大学・長崎大学連携研究事業カンファラヌー放射線災害医療の国際教育研究拠点確立に向けた機関連携事業一報告書, pp.75-77, 2011

**原著論文数一覧**

	A-a	A-b	A-c	A-d	合計	SCI	B-a	B-b	B-c	B-d	合計	総計
2011	9	3	1	1	14	9	0	5	1	3	9	23

**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		
2011	1	0	3	0	0	11	11	15

**原著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	教員生産係数 (SCI掲載論文)
			欧文論文総数 論文総数	
2011	0.609	3.5	0.643	2.25

**Impact factor値一覧**

	Impact factor	教員当たり Impact factor	論文当たり Impact factor
2011	42.796	10.699	4.755