

# 幹細胞生物学研究分野

## 論文

### A 欧文

#### A-a

1. Doi H, Kitajima Y, Luo L, Yan C, Tateishi S, Ono Y, Urata Y, Goto S, Mori R, Masuzaki H, Shimokawa I, Hirano A, Li TS: Potency of umbilical cord blood- and Wharton's jelly-derived mesenchymal stem cells for scarless wound healing. *Sci Rep.* 6:18844, 2016. (IF: 5.228) \*○★◇
2. Seko D, Ogawa S, Li TS, Taimura A, Ono Y:  $\mu$ -Crystallin controls muscle function through thyroid hormone action. *FASEB J.* 30(5):1733-1740, 2016. (IF: 5.299) \*★
3. Nakamura T, Hosoyama T, Kawamura D, Takeuchi Y, Tanaka Y, Samura M, Ueno K, Nishimoto A, Kurazumi H, Suzuki R, Ito H, Sakata K, Mikamo A, Li TS, Hamano K: Influence of aging on the quantity and quality of human cardiac stem cells. *Sci Rep.* 6:22781, 2016. (IF: 5.228) \*○
4. Yan C, Luo L, Goto S, Urata Y, Guo CY, Doi H, Kitazato K, Li TS: Enhanced autophagy in colorectal cancer stem cells does not contribute to radio-resistance. *Oncotarget.* 7(29):45112-45121, 2016. (IF: 5.008) \*◇▽
5. Luo L, Urata Y, Yan C, Hasan AS, Goto S, Guo CY, Tou FF, Xie Y, Li TS: Radiation exposure decreases the quantity and quality of cardiac stem cells in mice. *PLoS One.* 11(5):e0152179, 2016. (IF: 3.057) \*○★▽
6. Zhang S, Li TS, Soyama A, Tanaka T, Yan C, Sakai Y, Hidaka M, Kinoshita A, Natsuda K, Fujii M, Kugiyama T, Baimakhanov Z, Kuroki T, Gu W, Eguchi S: Up-regulated extracellular matrix components and inflammatory may impair the regeneration of cholestatic liver. *Sci Rep.* 6:26540, 2016. (IF: 5.228) \*★
7. Shen D, Tang J, Hensley MT, Li T, Caranasos TG, Zhang T, Zhang J, Cheng K: Effects of matrix metalloproteinases on the performance of platelet fibrin gel spiked with cardiac stem cells in heart repair. *Stem Cells Transl Med.* 5(6):793-803, 2016. (IF: 4.247) \*
8. Long J, Guo H, Cui S, Zhang H, Liu X, Li D, Han Z, Xi L, Kou W, Xu J, Li TS, Ding Y: IL-35 expression in hepatocellular carcinoma cells is associated with tumor progression. *Oncotarget.* 7(29):45678-45686, 2016. (IF: 5.008) \*☆
9. Kitajima Y, Ono Y: Estrogens maintain skeletal muscle and satellite cell functions. *J Endocrinol.* 229(3):267-275, 2016. (IF: 4.498) \*★
10. Kitajima Y, Ogawa S, Ono Y: Visualizing the functional heterogeneity of muscle stem cells. *Methods Mol Biol.* 1516:183-193, 2016. (IF: 1.097) \*☆
11. Hasan AS, Luo L, Yan C, Zhang TX, Urata Y, Goto S, Mangoura SA, Abdel-Raheem MH, Zhang S, Li TS: Cardiosphere-derived cells facilitate heart repair by modulating M1/M2 macrophage polarization and neutrophil recruitment. *PLoS One.* 11(10):e0165255, 2016. (IF: 3.057) \*○★◇
12. Manabe Y, Ogino S, Ito M, Furuichi Y, Takagi M, Yamada M, Goto-Inoue N, Ono Y, Fujii NL: Evaluation of an in vitro muscle contraction model in mouse primary cultured myotubes. *Anal Biochem.* 497:36-38, 2016 (IF: 2.243) \*☆
13. Yamashita A, Hatazawa Y, Hirose Y, Ono Y, Kamei Y: FOXO1 delays skeletal muscle regeneration and suppresses myoblast proliferation. *Biosci Biotechnol Biochem.* 80(8):1531-1535, 2016. (IF: 1.176) \*☆

#### A-b

1. Fujita R, Ono Y: eIF2 $\alpha$ , a potential target for stem cell-based therapies. *Stem Cell Investig.* 3:30, 2016 (IF: -) \*

### B 邦文

#### B-b

1. 吉岡潔志, 小野悠介. サテライト細胞の部位特異性と筋の肥大・萎縮. *体育の科学.* 2016年.
2. 瀬古大暉, 小川静香, 小野悠介. サテライト細胞と細胞極性. *基礎老化研究.* 巻 : 40 (1) 19-25, 2016.

**研究業績集計表**

教室等名：504 幹細胞生物学研究分野（原研幹細胞）

**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
2016	13	1	0	0	0	14	14	0	2	0	0	0	2	16

**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		
2016	0	0	0	0		4	0	24	28	28

**論文総数に係る教員生産係数一覧**

	$\frac{\text{欧文論文総数}}{\text{論文総数}}$	教員生産係数 (欧文論文)		$\frac{\text{SCI掲載論文数}}{\text{欧文論文総数}}$	教員生産係数 (SCI掲載論文)
2016	0.875	3.5		1	3.5

**Impact factor 値一覧**

	Impact factor	教員当たり Impact factor	論文当たり Impact factor
2016	50.374	12.594	3.598