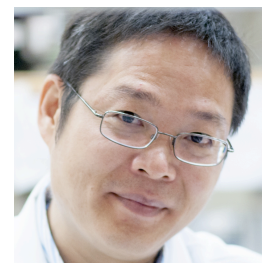


简历

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a. 教育及工作经历与职务

- 1985 - 1989 江西大学 (现南昌大学) 生物系, 学士学位
1989 - 1992 中国科学院海洋研究所, 海洋生物学, 硕士学位 (导师: 张福绥 院士)
1992 - 1997 中国水产科学院黄海水产研究所, 助理研究员, 养殖容量研究获农业部科技进步二等奖
1997 - 2002 加拿大 Alberta 大学, 生理与细胞生物学, 博士学位
2002 - 2004 美国华盛顿(Washington)大学, 博士后, 获加拿大自然与工程基金委博士后基金资助
2004 - 2007 加拿大 Sprott 干细胞研究中心, 助理研究员
2008 - 2013 美国普渡大学, 动物科学系, 助理教授
2013 - 2016 美国普渡大学, 动物科学系, 副教授
2016/07 - 美国普渡大学, 动物科学系, 教授; 兼生物学系教授、健康与运动生理系教授;
普渡大学跨学科生命科学部研究生导师兼学科主任; 普渡大学跨系营养科学部研究生导师;
普渡大学癌症研究中心研究员; 普渡大学药物研发中心研究员; 普渡大学炎症, 免疫和传染病研究所研究员; 印第安纳州糖尿病与代谢疾病研究中心研究员

b. 代表性论文 [总论文数: 102; 总引用数: >5,000 次; H-index: 31]

代表论文(5 篇, 其它论文发表于 *Cell Stem Cell*, *J Cell Biol*, *Development*, *Plos Genetics*, *Diabetologia* 等杂志)

- Kuang S, Kuroda K, Le Grand F, Rudnicki MA. 2007. Asymmetric self-renewal and commitment of satellite stem cells in muscle. *Cell* 129:999-1010. (Featured by "Preview" in *Cell* 129:859-61), 816 citations
- Seale P, Bjork B, Yang W, Kajimura S, Chin S, Kuang S, Scime A, ..., Spiegelman BM. 2008. PRDM16 Controls a Brown Fat/Skeletal Muscle Switch. *Nature*, 454:961-7. (Cover Article), 1,375 citations
- Wen Y, Bi P, Liu W, Asakura A, Keller C, Kuang S. 2012. Constitutive Notch activation upregulates Pax7 and promotes the self-renewal of skeletal muscle satellite cells. *Mol. Cell. Biol.* 32(12):2300-11. 115 citations
- Shan T, Liang X, Bi P, Kuang S. 2013. Myostatin knockout drives browning of white adipose through activating the AMPK-PGC1 α -Fndc5 pathway in muscle. *FASEB J.* 27(5): 1981-9. 139 citations
- Bi P, Shan T, Yang X, Liu W, Yue F, Liang X, Wang J, Li J, Carlesso N, Liu X, Kuang S. 2014. Notch signaling regulates adipose browning and energy metabolism. *Nat Med* 20(8):911-8. (Featured by "News & Views" in *Nat Med* 20:811-2 and "Editors' Choice" in *Sci Signal*), 69 citations

近期代表论文(近一年发表论文 15 篇)

- Yue F, Bi P, Wang C, Shan T, Nie Y, Ratliff TL, Gavin TP, Kuang S. 2017. Pten is necessary for the quiescence and maintenance of adult muscle stem cells. *Nat Commun.* 8:14328. doi: 10.1038/ncomms14328.
- Yue F, Bi P, Wang C, Li J, Liu X, Kuang S. 2016. Conditional loss of *Pten* in myogenic progenitors leads to postnatal skeletal muscle hypertrophy but age-dependent exhaustion of satellite cells. *Cell Rep.* 17(9):2340-2353. doi: 10.1016/j.celrep.2016.11.002.
- Bi P, Yue F, Karki A, Castro B, Wirbisky SE, Wang C, Durkes A, Elzey BD, Andrisani OM, Bidwell CA, Freeman JL, Konieczny SF, Kuang S. 2016. Notch activation drives adipocyte dedifferentiation and tumorigenic transformation in mice. *J Exp Med.* 213(10):2019-37.
- Bi P, Yue F, Sato Y, Wirbisky SE, Liu W, Shan T, Wen Y, Zhou D, Freeman JL, Kuang S. 2016. Stage-specific effects of Notch activation during skeletal myogenesis. *eLife.* 10.7554/eLife.17355
- Shan T, Xiong Y, Zhang P, Li Z, Jiang Q, Bi P, Yue F, Yang G, Wang Y, Liu X, Kuang S. 2016. Lkb1 controls brown fat growth and thermogenesis through regulating intracellular localization of CRT3. *Nat Commun.* 7:12205. doi: 10.1038/ncomms12205.

c. 近五年科研项目资助情况 (近 8 年获项目总资助金额约八百万美元)

- 2017-2022 NIH R01 CA212609, Notch signaling in liposarcoma (PI)
2017-2022 NIH R01 AR071649, PTEN function in muscle satellite cells (PI)
2016-2018 AgSeed Award, Notch signaling in porcine adipose tissue development and function (PI)
2016-2017 BIPI, Effect of Klotho on myoblast differentiation and muscle regeneration (PI)
2016-2017 Cancer Challenge Award, Notch signaling in liposarcoma (PI)
2015-2016 Eli Lilly, Novel compounds that promote brown fat differentiation (PI)
2014-2017 MDA 294644 Targeting HIFs to Improve the Efficiency of Myoblast Transfer (PI)
2013-2016 Purdue OVPR Incentive Grant, Single cell imaging and RNA-seq of stem cells (PI)
2012-2014 Showalter Trust, Bioactive Scaffolds for Highly Efficient Muscle Regeneration (PI)
2010-2015 NIH R01AR060652, Notch Regulation of Stem Cell Fate in Muscle (PI)