

# DR. GAOYANG LIANG

*PhD Student: 2006-2012*



## CURRENT POSITION

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Senior Research Associate at Salk Institute for Biological Studies (La Jolla, California)

## PUBLICATIONS

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Fang J, Hogan GJ, **Liang G**, Lieb JD, Zhang Y (2007). [The \*Saccharomyces cerevisiae\* histone demethylase Jhd1 fine-tunes the distribution of H3K36me2.](#) *Mol Cell Biol.* 27(13):5055-5065.

Klose RJ, Gardner KE, **Liang G**, Erdjument-Bromage H, Tempst P, Zhang Y (2007). [Demethylation of histone H3K36 and H3K9 by Rph1: a vestige of an H3K9 methylation system in \*Saccharomyces cerevisiae\*?](#) *Mol Cell Biol.* 27(11):3951-3961.

**Liang G**, Klose RJ, Gardner KE, Zhang Y (2007). [Yeast Jhd2 is an H3K4 tri-methyl demethylase.](#) *Nature Stru. Mol. Biol.* 14(3):243-245.

Tateishi K, He J, Taranova O, **Liang G**, D'Alessio AC, Zhang Y (2008) [Generation of Insulin-Secreting Islet-like Clusters from Human Skin Fibroblasts.](#) *JBC.* 283(46):31601-7.

- Liang G**, Taranova O, Xia K, Zhang Y (2010) [Butyrate promotes iPS cell generation](#). *JBC* 285(33):25516-21.
- Liang G**, He J, Zhang Y (2012) [Kdm2b promotes induced pluripotent stem cell generation by facilitating gene activation early in reprogramming](#). *Nat Cell Biol.* 14(5):457-66.
- Liang G**, Zhang Y (2013). [Embryonic stem cell and induced pluripotent stem cell: an epigenetic perspective](#). *Cell Res.*23(1),49-69.
- Liang G**, Zhang Y (2013) [Genetic and Epigenetic Variations in iPSCs: Potential Causes and Implications for Application](#). *Cell Stem Cell* 13(2):149-59.