

DR. SHINPEI YAMAGUCHI

Postdoc: 2012-2015



CURRENT POSITION

Associate Professor at Toho University (Tokyo, Japan)

<https://www.lab.toho-u.ac.jp/sci/bio/reprogramming/en/index.html>

PUBLICATIONS

Yamaguchi S, Hong K, Liu R, Shen L, Inoue A, Deip D, Zhang K, Zhang Y (2012). [Tet1 controls meiosis by regulating meiotic gene expression](#). *Nature* 492(7429):443-447.

Yamaguchi S, Hong K, Liu R, Inoue A, Shen L, Zhang K, Zhang Y (2013). [Dynamics of 5-methylcytosine and 5-hydroxymethylcytosine during germ cell reprogramming](#). *Cell Res.* 23(3):329-339.

Shen L, Wu H, Diep D, **Yamaguchi S**, D'Alessio A, Fung H, Zhang K, Zhang Y (2013). [Genome-wide analysis reveals TET- and TDG-dependent 5-methylcytosine oxidation dynamics](#). *Cell* 153(3):692-706.

Yamaguchi S, Shen L, Liu Y, Sendler D, Zhang Y (2013). [Role of Tet1 in genomic imprinting erasure](#). *Nature* 504(7480):460-464.

Lu F, Liu Y, Jiang L, **Yamaguchi S**, Zhang Y (2014). [Role of Tet proteins in enhancer activity and telomere elongation](#). *Genes Dev.* 28, 2103-2119.