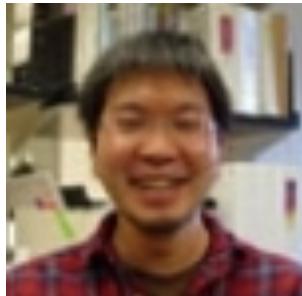


DR. SHINSUKE ITO

Postdoc: 2008-2011



CURRENT POSITION

Research Scientist at RIKEN Center for Integrative Medical Sciences (IMS)
(Kanagawa, Japan)

PUBLICATIONS

Ito S, D'Alessio AC, Taranova OV, Hong K, Sowers LC, Zhang Y (2010) [Role of Tet proteins in 5mC to 5hmC conversion, ES-cell self-renewal and inner cell mass specification](#). *Nature* 466(7310):1129-1133.

Xu W, Yang H, Liu Y, Yang Y, Wang P, Kim SH, **Ito S**, Yang C, Wang P, Xiao MT, Liu LX, Jiang WQ, Liu J, Zhang JY, Wang B, Frye S, Zhang Y, Xu YH, Lei QY, Guan KL, Zhao SM, Xiong Y (2011) [Oncometabolite 2-hydroxyglutarate is a competitive inhibitor of alpha-ketoglutarate-dependent dioxygenases](#). *Cancer Cell*. 19(1):17-30.

Wu H*, D'Alessio AC*, **Ito S**, Xia K, Wang Z, Cui K, Zhao K, Sun YE, Zhang Y (2011) [Dual functions of Tet1 in transcriptional regulation in mouse embryonic stem cells](#). *Nature* 473(7347):389-393. (* authors contributed equally)

Wu H, D'Alessio AC, **Ito S**, Wang Z, Cui K, Zhao K, Sun YE, Zhang Y (2011) [Genome-wide analysis of 5-hydroxymethylcytosine distribution reveals its dual function in transcriptional regulation in mouse embryonic stem cells](#). *Genes and Development* 25(7):679-84.