

DR. KWON-HO HONG

Postdoc: 2008-2013



CURRENT POSITION

Associate Professor at Konkuk University (Seoul, South Korea)

PUBLICATIONS

Okada Y, Yamagata K, **Hong K**, Wakayama T, Zhang Y (2010) [A role for the elongator complex in zygotic paternal genome demethylation.](#) *Nature* 463(7280):554-558

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.

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.