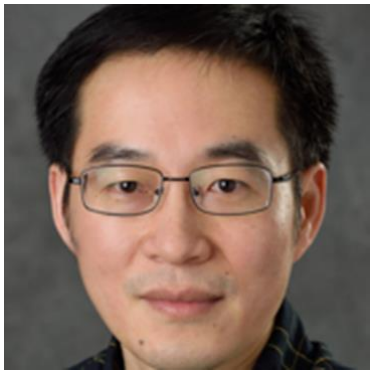
DR. JIN HE

Postdoc: 2005-2014



CURRENT POSITION

Assistant Professor at Michigan State University (East Lansing, Michigan)

PUBLICATIONS

Cao R, Wang H, **He J**, Erdjument-Bromage H, Tempst P, Zhang Y (2008) Role of hPHF1 in H3K27 Methylation and Hox Gene Silencing. *Mol. Cell. Biol.* 28(5):1862-1872.

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.

He J*, Kallin EM*, Tsukada Y, Zhang Y (2008) The H3K36 Demethylase Jhdm1b/Kdm2b Regulates Cell Proliferation and Senescence through p15Ink4b. *Nature Structural & Molecular Biology*. 15(11):1169-75. (* authors contributed equally)

He J, Zhang Y (2010) Janus Kinase 2: An epigenetic 'writer' that activates leukemogenic genes. *Journal of Molecular Cell Biology* 2(5):231-233.

He J, Nguyen AT, Zhang Y (2011) KDM2b/JHDM1b, an H3K36me2-specific demethylase, is required for initiation and maintenance of acute myeloid leukemia. *Blood* 117(14):3869-3880.

Nguyen AT, Taranova O, **He J**, Zhang Y (2011) DOT1L, the H3K79 methyltransferase, is required for MLL-AF9-mediated leukemogenesis. *Blood* 117(25):6912-6922.

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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.

He J, Shen L, Wan M, Taranova O, Wu H, Zhang Y (2013). Kdm2b maintains murine embryonic stem cell status by recruiting PRC1 complex to CpG islands of developmental genes. *Nat Cell Biol*. 15(4):373–384.

Shen L, Inoue A, **He J**, Liu Y, Lu F, Zhang Y (2014). Tet3 and DNA Replication Mediate Demethylation of Both the Maternal and Paternal Genomes in Mouse Zygotes. *Cell Stem Cell*. 15(4):459–470.

Gao Y, Duque-Wilckens N, Aljazi MB, Moeser AJ, Mias GI, Robison AJ, Zhang Y, **He J** (2022) Impaired KDM2B-mediated PRC1 recruitment to chromatin causes defective neural stem cell self-renewal and ASD/ID-like behaviors *iScience* 25(2)