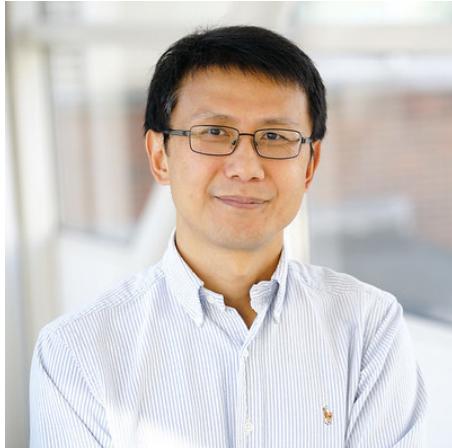


DR. JIA FANG

Postdoc: 2002-2007



CURRENT POSITION

Associate Professor at Roswell Park Comprehensive Cancer Center (Buffalo, New York)

<https://www.roswellpark.org/jia-fang>

PUBLICATIONS

Fang J, Feng Q, Ketel CS, Wang H, Cao R, Xia L, Erdjument-Bromage H, Tempst P, Simon JA, Zhang Y (2002). [Purification and functional characterization of SET8, a nucleosomal histone H4-lysine 20-specific methyltransferase.](#) *Curr Biol* 12(13):1086-1099.

Plath K, Fang J, Mlynarczyk-Evans SK, Cao R, Worringer KA, Wang H, de la Cruz CC, Otte A, Panning B, Zhang Y (2003). [Role of histone H3 lysine 27 methylation in X-inactivation.](#) *Science* 300(5616):131-135.

Fang J, Chen T, Chadwick B, Li E, Zhang Y (2004). [Ring1b-mediated H2A ubiquitination associates with inactive X chromosomes and is involved in initiation of X-inactivation.](#) *J Biol Chem.* 279(51):52812-52815.

Fang J, Wang HB, Zhang Y (2004). [Purification of histone methyltransferases from HeLa cells.](#) *Methods in Enzymol.* 377, 213-226.

dela Cruz C, **Fang J**, Plath K, Worringer KA, , Nusinow DA, Zhang Y, Panning B (2005). [Developmental regulation of Suz12 localization](#). *Chromosoma* 114(3):183-192.

Tsukada Y, **Fang J**, Erdjument-Bromage H, Warren M, Borchers C, Tempst P, Zhang Y (2006). [Histone demethylation by a family of JmjC domain-containing proteins](#). *Nature* 439(7078):811-816.

Huang Y, **Fang J**, Bedford MT, Zhang Y, Xu RM (2006). [Recognition of histone H3 lysine-4 methylation by the double tudor domain of JMJD2A](#). *Science* 312(5774):748-751.

Feldman N, Gerson A, **Fang J**, Li E, Zhang Y, Shinkai Y, Cedar H, Bergman Y, (2006). [G9a-mediated irreversible epigenetic inactivation of Oct-3/4 during early embryogenesis](#). *Nat. Cell Bio* 8(2):188-194.

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.