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## Mentor

Dr. Maria Jasin

Current Position: Assistant Professor, Department of Epigenetics and Molecular Carcinogenesis, The University of Texas MD Anderson Cancer Center, Smithville, TX

## Publications

[Cole F, Baudat F, Grey C, Keeney S, de Massy B, Jasin M](#) . Mouse tetrad analysis provides insights into recombination mechanisms and hotspot evolutionary dynamics. Nat Genet 46(10):1072-80, 10/2014. e-Pub 8/24/2014. PMID: PMC4207963.

[Cole F, Kauppi L, Lange J, Roig I, Wang R, Keeney S, Jasin M](#) . Homeostatic control of recombination is implemented progressively in mouse meiosis. Nat Cell Biol 14(4):424-30, 4/2012. e-Pub 3/4/2012. PMID: PMC3319518.

[Lange J, Pan J, Cole F, Thelen MP, Jasin M, Keeney S](#) . ATM controls meiotic double-strand-break formation. Nature 479(7372):237-40, 11/10/2011. e-Pub 10/16/2011. PMID: PMC3213282.

[Shakya R, Reid LJ, Reczek CR, Cole F, Egli D, Lin CS, deRooij DG, Hirsch S, Ravi K, Hicks JB, Szabolcs M, Jasin M, Baer R, Ludwig T](#) . BRCA1 tumor suppression depends on BRCT phosphoprotein binding, but not its E3 ligase activity. Science 334(6055):525-8, 10/28/2011. PMID: PMC3904783.

[Cole F, Keeney S, Jasin M](#) . Comprehensive, fine-scale dissection of homologous recombination outcomes at a hot spot in mouse meiosis. Mol Cell 39(5):700-10, 9/10/2010. PMID: PMC3196603.

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