

Ready to start planning your care? Call us at [646-926-0945](tel:646-926-0945) to make an appointment.

×



Memorial Sloan Kettering
Cancer Center

[About Us](#)
[Sloan Kettering Institute](#)

[The Xiaolan Zhao Lab](#)
[Research](#)

[Education & Training](#) **Yu-Huang (Jeffrey) Chen**

Former Graduate Student
[News & Events](#)

[Open Positions](#)

**Education**

BS in Biology, University of California, Berkeley; PhD Student, Weill Graduate School of Medical Sciences of Cornell University

Current Position

Associate Director, AstraZeneca, South San Francisco, CA, USA

Publications

Xue X, Choi K, Bonner JN, Szakal B, Chen YH, Papusha A, Saro D, Niu H, Ira G, Branzei D, Sung P, Zhao X. [Selective modulation of the functions of a conserved DNA motor by a histone fold complex.](#) Genes Dev. 2015 May 15;29(10):1000-5. doi: 10.1101/gad.259143.115. Epub 2015 May 8. PubMed [PMID: 25956905]; PubMed Central PMCID: PMC4441048.

Chen YH, Szakal B, Castellucci F, Branzei D, Zhao X. [DNA damage checkpoint and recombinational repair differentially affect the replication stress tolerance of Smc6 mutants.](#) Mol Biol Cell. 2013 Aug;24(15):2431-41. doi: 10.1091/mbc.E12-11-0836. Epub 2013 Jun 19. PubMed [PMID: 23783034]; PubMed Central PMCID: PMC3727935.

Choi K, Szakal B, Chen YH, Branzei D, Zhao X. [The Smc5/6 complex and Esc2 influence multiple replication-associated recombination processes in Saccharomyces cerevisiae.](#) Mol Biol Cell. 2010 Jul 1;21(13):2306-14. doi: 10.1091/mbc.e10-01-0050. Epub 2010 May 5. PubMed [PMID: 20444977]; PubMed Central PMCID: PMC2893993.

Chen YH, Choi K, Szakal B, Arenz J, Duan X, Ye H, Branzei D, Zhao X. [Interplay between the Smc5/6 complex and the Mph1 helicase in recombinational repair.](#) Proc Natl Acad Sci U S A. 2009 Dec 15;106(50):21252-7. doi: 10.1073/pnas.0908258106. Epub 2009 Dec 7. PubMed [PMID: 19995966]; PubMed Central PMCID: PMC2795505.

Duan X, Yang Y, Chen YH, Arenz J, Rangi GK, Zhao X, Ye H. [Architecture of the Smc5/6 Complex of Saccharomyces cerevisiae Reveals a Unique Interaction between the Nse5-6 Subcomplex and the Hinge Regions of Smc5 and Smc6.](#) J Biol Chem. 2009 Mar 27;284(13):8507-15. doi: 10.1074/jbc.M809139200. Epub 2009 Jan 13. PubMed [PMID: 19141609]; PubMed Central PMCID: PMC2659209.

