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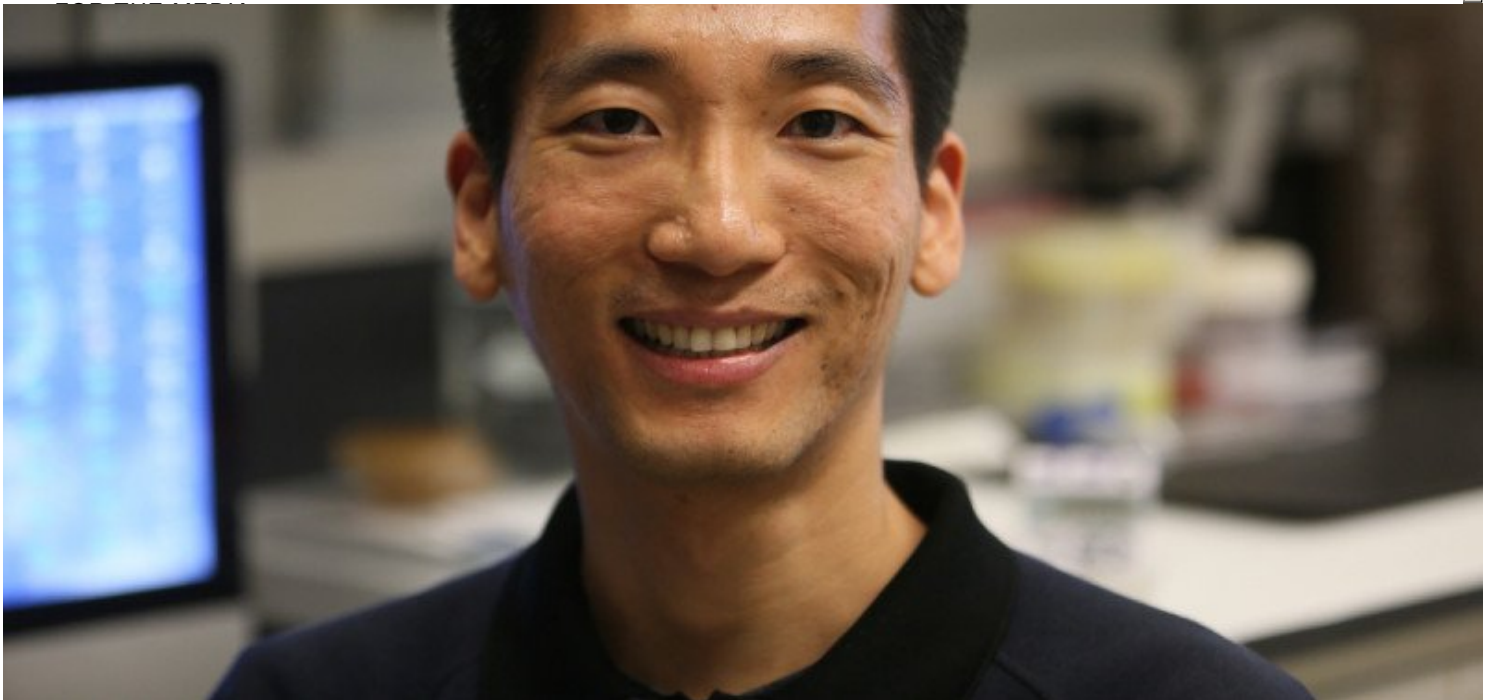
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Email

weil@sloankettering.edu

Dissertation

[Regulation of DNA replication initiation and the DNA damage response \(2016\)](#)

Mentor

[Xiaolan Zhao, PhD](#)

Start Year

2009

End Year

2016

Education

Tsinghua University

In my first research experience, I was trying to crystallize a methyl group transferase. It was the first time I had attempted to purify protein, though I didn't get it to crystal form. But science is all about testing an idea — and that is what I like most about it. I want to become a scientist because I like the feeling of trying to understand the unknown questions. My research is about how a cell duplicates its entire genome. I am lucky that at Gerstner Sloan Kettering my fellow students and the staff are really close, so we can discuss everything that might be of assistance to me. GSK is a young, rapidly growing force that is full of potential.

Fellowships

Palestin Fellowship (2010-2011)

Publications

[Whalen JM, Dhingra N, Wei L, Zhao X, Freudenreich CH. \(2020\) Relocation of Collapsed Forks to the Nuclear Pore Complex Depends on Sumoylation of DNA Repair Proteins and Permits Rad51 Association. *Cell Rep*.doi: 10.1016/j.celrep.2020.107635](#)

[Wei L, Zhao X. \(2016\). A new MCM modification cycle regulates DNA replication initiation. *Nature Structural & Molecular Biology*. 23, 209–216.](#)

[Bonner JN1 Choi K, Xue X, Torres NP, Szakal B, Wei L, Wan B, Arter M, Matos J, Sung P, Brown GW, Brnzei D, Zhao X. \(2016\) Smc5/6 Mediated Sumoylation of the Sgs1-Top3-Rmi1 Complex Promotes Removal of Recombination Intermediates. *Cell Rep*. 16, 368-78. PMID: PMC5051638](#)

[Hang LE, Lopez CR, Liu X, Williams JM, Chung I, Wei L, Bertuch AA, Zhao X. \(2014\). Regulation of Ku-DNA association by Yku70 C-terminal tail and SUMO modification. *The Journal of Biological Chemistry*, 289, 10308-10317.](#)

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