

## Research Positions in Dr. Xiaolan Zhao's lab in New York City

Positions are available for postdoc fellows, graduate students, and technicians in the group of Dr. Xiaolan Zhao at Memorial Sloan Kettering Cancer Center (MSK). We integrate multidisciplinary approaches to study genome maintenance processes linked to tumorigenesis, viral infection, and genome instability syndromes. Current focuses of the lab include i) genome replication, ii) homologous recombination and genetic alterations, iii) SUMO- and checkpoint-mediated DNA damage response, and iv) Smc5/6-mediated chromosomal functions.

The broad research scope provides lab members ample opportunities to explore and discover new principles within each subfield and at their interfaces. The Zhao lab is a leader in the above research areas and provides an excellent and nurturing research environment. Training and mentoring are provided at multiple levels, such as advancing research abilities, grant writing skills and leadership qualities. Former lab members have thrived, going on to establish independent research groups and attaining leadership positions in companies and non-profit organizations. We are looking for candidates with a passion for science and motivated to make impactful discoveries in a collaborative and fun environment. More details can be found at the lab's website: <https://www.mskcc.org/research/ski/labs/xiaolan-zhao>

MSK is known for its world-famous cancer hospital and outstanding biological research. We are located in the Upper East Side of Manhattan, neighboring Rockefeller University and Cornell Medical School. This close-knit tri-institutional area provides abundant collaborative, learning, and social opportunities, and is home for hundreds of researchers and their families. New York City has a strong genome maintenance community that meets regularly and offers fantastic collaboration and career development opportunities.

The positions will remain open until filled but early applications are encouraged. Please send a brief cover letter describing your current and future research interests, CV, expected availability date, and contact information of three references to Dr. Zhao at [zhaox1@mskcc.org](mailto:zhaox1@mskcc.org).

