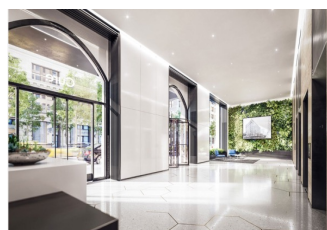


## Senior Research Scientist

The laboratory of Mia Petljak, PhD at NYU Grossman School of Medicine ([petljaklab.com](http://petljaklab.com)) is seeking a Senior Research Scientist to join a multidisciplinary team investigating the cell-intrinsic and environmental causes of somatic mutations in human tissues, as well as their impact on cancer development and evolution. Building upon our foundational work ([Cell, 2019](#); [Nature, 2023](#); [Nature Genetics, 2023](#)), our team leverages mutational signatures - distinct genomic imprints left by individual mutagens on human genomes - to identify and characterize mutational sources. Through this approach, we aim to discover processes that cause and fuel cancer evolution, as well as aid in the development of innovative preventative and therapeutic strategies to prevent and treat it.

As a Senior Research Scientist, you will work independently, perform experiments, develop and optimize assays, and collect, analyze, interpret, and present data. Regular meetings with the Principal Investigator will ensure that you become an integral part of the research team, lead research projects, and get exposed to a wide range of cutting-edge technologies and techniques. You can expect to receive academic and IP credit for your efforts, including authorship on publications and patents, the ability to attend scientific conferences, present to various audiences, and gain exposure to experts across disciplines. You will be located with the Petljak lab in the new, state-of-the-art [CURE facility](#) at 345 Park Avenue South in the center of Manhattan.



### Required Qualifications

PhD and 3 years of experience or equivalent combination of education and experience.

### Preferred Qualifications

Preference is given to candidates with a strong expertise in both cell and molecular biology in human cell models, with a focus on cancer biology and any of the broad topics including genomic instability, DNA damage, repair and replication, metabolism, stem cells, and other cellular states and processes related to cancer (e.g., stress, senescence, differentiation, cell cycle, and cell death).

### Salary

NYU Langone Health provides a salary range to comply with the New York City Law on Salary Transparency in Job Advertisements. The salary range for the role is \$65,000.00 – \$89,034.09 annually. Actual salaries depend on a variety of factors, including experience, specialty, education, and hospital need. The salary range or contractual rate listed does not include bonuses/incentive, differential pay or other forms of compensation or benefits.

### Apply

<https://jobs.nyulangone.org/job/19109191/senior-research-scientist-new-york-ny/#tab-id-4>

NYU Langone Health is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply and will receive consideration without regard to race, color, gender, gender identity or expression, sexual orientation, national origin, age, religion, creed, disability, military and veteran status, genetic information or any other factor which cannot lawfully be used as a basis for an employment decision.