

Postdoctoral Research Fellow  
[Lab of Dr. Claudia Capparelli](#)  
Department of Medical Oncology

We are seeking a Postdoctoral Fellow to join our research program to investigate the mechanisms underlying tumor heterogeneity and plasticity in melanoma with the goal of identifying novel treatment strategies for melanoma patients. Our research aims to identify and target pathway dependencies and vulnerabilities in drug tolerant persister cells in order to prevent metastasis and improve treatment options for melanoma patients.

Additional research interests include: i) characterizing alterations that occur in the Extra Cellular Matrix during the establishment of drug tolerance and ii) investigate therapies that mediate changes within the tumor immune microenvironment as an approach to improve response to immunotherapies. Understanding alterations in the tumor microenvironment could ultimately lead to the identification of novel therapeutic approaches for the treatment of melanoma. Our research ranges from fundamental molecular mechanisms to clinical applications utilizing molecular and cellular biology, 3D cell culture, flow cytometry, omics studies, and mouse models.

A Ph.D. or equivalent is required

You can apply to the job by going to our Careers page at;  
<https://jeffersonhealth.wd5.myworkdayjobs.com/en-US/ThomasJeffersonExternal>  
Then search JR\_9283616