



Looking for post-doctoral researchers for projects on the role of the ECM in cancer metastasis and drug resistance, Oudin Lab

We are looking for highly motivated, enthusiastic and talented post-doctoral researchers to join our new lab in the Biomedical Engineering Department at Tufts. Individuals with a PhD, a strong background in biology, an interest in interdisciplinary research and a record of scientific productivity are encouraged to contact me. Candidates should possess strong interpersonal skills and be able to work both independently and as part of a team.

About the lab:

Our lab will use an interdisciplinary approach to tackle metastasis and drug resistance, working at the intersection of biology, engineering and translational research. We will combine cell biology, microfluidics, tissue engineering, intravital imaging, systems biology and implantable devices. The lab is located at Tufts University in the Biomedical Engineering Department in Boston. We are in a brand new interdisciplinary building with biologists, chemical and biological engineers with open lab space and shared core facilities. We will closely collaborate with cancer researchers and clinicians at Tufts and in the Boston area.

About the project:

The project will focus on investigating the role of the extracellular matrix in driving drug resistance in the context of metastatic disease using CRISPR screens. Experience with mammalian cell culture, molecular biology and microscopy is highly desirable.

Email Dr. Oudin (madeleine.oudin@tufts.edu) for more information. Please describe your research experience as well as interests in your email, and provide the names of three references. Start date flexible as early as Jan 1st, 2018.

Lab website: www.madeleineoudinlab.com

Department website: <http://engineering.tufts.edu/bme/>