

Postdoctoral Scholarship – Cancer stem cells and organoids

An NIH-funded postdoctoral position is available immediately at Rutgers Cancer Institute of New Jersey in the laboratory of Dr. Hatem Sabaawy to study the role of the epigenetic modulator BMI-1 in cancer stem cell (CSC) self-renewal utilizing patient derived organoids (PDOs) and genetically engineered mouse models (GEMMs). The position is funded for at least three years to examine the effects of BMI-1 inhibitors on tumor stem cells from primary glioblastoma and prostate cancer resected tissues utilizing three dimensional (3D) culture techniques with PDOs and in parallel with genetically defined and genome edited tissues from GEMMs. These investigational studies will support the development of precision cancer therapeutic programs for translation of combination therapies into clinical trials.

We are looking for highly motivated candidates with backgrounds in mouse genetics, embryonic stem cell (ESC) or iPS 3D cell culture, primary tumor graft models or developmental signaling. Recent Ph.D. and/or M.D. (M.D. must be finishing their training following their residency and/or fellowship) who wishes to continue in academic medicine. A career development plan, mentorship committee and defined path towards career progression will be tailored for the selected fellow at the start of the fellowship.

Rutgers Cancer Institute of New Jersey (www.cinj.org) is an NCI-designated comprehensive cancer center with state-of-the-art research facilities including a precision oncology and clinical therapeutic programs, biobanking, CRISPR mediated genome editing, among many other core and support facilities. The cancer center is affiliated with Rutgers Biomedical Health Sciences (RBHS) and Robert Wood Johnson Medical School (RWJMS), and is located in the central New Jersey area in New Brunswick, with pleasant and affordable living area and easy access to the New York and Philadelphia metropolitan regions. We offer a competitive salary, comprehensive fellowship benefits, and career development support. CINJ and RWJMS are equal opportunity employers. Review of the applications will be on a rolling basis until the position is filled.

To apply, please submit a CV including a one-paragraph statement of research experience/interests and a list of at least three qualified references (mentors) by email to: Hatem Sabaawy, M.D. Ph.D., Associate Professor of Medicine, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ 08903. E-mail: sabaawhe@rutgers.edu

or apply online at:

<https://jobs.rutgers.edu/postings/75900>