

Job Title: Postdoctoral Position

Status: Regular Full Time

Benefits Eligible: Yes

Laboratory/Department: Gene Expression Laboratory

The research focuses on important problems related to cancer initiation, detection, progression, metastasis and treatment. These projects are based on our recent observations concerning cell state plasticity that arises during cancer progression. Specifically, we are using a single cell RNA sequencing, epigenetic profiling, and developing novel in vivo and in vitro strategies to determine how breast and pancreatic cancer cells undergo developmental reprogramming to generate intra-tumoral heterogeneity and metastasis. Our long-term goals are to devise novel strategies to intercept such cells, to reduce the probability that drug resistant or metastatic clones will arise or spread.

Position Description:

Funded post-doctoral positions are immediately available for individuals with a good grounding in molecular and/or developmental biology, methods such as CRISPR mediated genome editing, RNA-sequencing and epigenetics. Knowledge of bioinformatics is also very desirable. Idea candidates should be intellectually curious, productive, and enjoy working in a committed team effort to make these important projects succeed. The projects are well under way due to the efforts of a dedicated group of post-docs, technicians and undergrads.

Education:

Ph.D. in Biological Sciences; M.D./PhD highly encouraged to apply

Experience:

Experience with molecular and embryologic techniques such as immunohistochemistry, in situ hybridization, RNA-sequencing, single cell methods for transcriptional analysis, PCR, and mouse genetic manipulations.

Application Instructions:

Applicants should submit a current CV, names of three references, and an indication of the experimental direction they would like to pursue based on their reading of our recent papers. Send applications to:

Contact Information:

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