

**Mark Yarchoan M.D.**

*Assistant Professor, Cancer Immunology/GI Clinical Research*

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The Yarchoan laboratory at the Johns Hopkins University School of Medicine is seeking a Postdoctoral Fellow to investigate the effects of epigenetic therapy on the tumor immune microenvironment in gastrointestinal (GI) cancers.

This funded two year position will involve preclinical models of pancreatic cancer and liver cancer, studying whether certain novel epigenetic agents can prime the tumor microenvironment for systemic immunotherapy. The post-doctoral student will work with Dr. Mark Yarchoan, an expert in liver cancer immunotherapy but will also collaborate with others in our group including Dr. Nilo Azad, an expert in epigenetic therapy, Elana Fertig, an expert in bioinformatics, and Dr. Elizabeth Jaffee, an expert in cancer immunotherapy and past president of the American Association for Cancer Research (AACR). If successful, the research project will be rapidly translated into human clinical trials by our group.

The position will involve the use of technologies such as multi-panel flow cytometry, in vitro and in vivo models, and RNA sequencing as well as single-cell technologies, in collaboration with our bioinformatics group. Candidates should have completed a doctorate level degree and will ideally have a strong background in cancer biology and/or immunology, or epigenetics with documented success in research including publications on relevant topics.

Applicants should submit an application package that includes a brief cover letter, CV, relevant prior publications, and contact information for three references to Dr. Mark Yarchoan at [mark.yarchoan@jhmi.edu](mailto:mark.yarchoan@jhmi.edu).