A Postdoctoral Research Fellow position is available in the Section of Applied Therapeutics (Department of Surgery) at Duke University, Durham, NC. This fellow will work with Drs. Zachary Hartman and H. Kim Lyerly to explore the fast-developing and highly interdisciplinary fields of oncology and immunobiology with an emphasis towards immunotherapeutic vaccine-based strategies to treat different types of cancer, as well as novel strategies to detect developing cancer and investigations of the inflammatory contribution to the development of cancer. Our group uses a combination of in vitro systems, unique animal models, as well as novel vaccine and detection platforms to elucidate the role of the immune system and inflammation (Cancer Res. 2013 Jun 1;73(11):3470-80; Cancer Res. 2011 Jul 1;71(13):4380-91, Cancer Res. 2010 Sep 15;70(18):7209-20; Clin Cancer Res. 2010 Mar 1;16(5):1466-77.) in the development and progression of cancer. This translational position requires the use of pre-clinical models as well as clinical specimens with a strong emphasis towards translational studies in an interactive team environment.

**Training/Experience:** Strong English communication and interpersonal skills are required as the candidate will need to be able to work with many collaborators in a multi-disciplinary team environment. Experience and proficiency with cloning design and execution, in vitro assays, in vivo mouse models, as well as versatile cellular and molecular biology techniques (quantitative RT-PCR, flow cytometry, western blotting, ELISA, immunological techniques, immunohistochemistry, immunofluorescence, recombinant DNA cloning, and luciferase reporter analyses) are preferred. Additional skills utilizing high-throughput shRNA screening, next-generation sequencing, or modelling in vivo tumor environments are highly valued. Proven ability to learn and pioneer new techniques and assay systems will be equally valued to past familiarity with any particular techniques. We are looking for a passionate, hard-working, and self-motivated individual who is able to work on a multidisciplinary project and wishes to pursue a career in translational cancer research.

**Education:** Candidate must have recently graduated (within three years) with a Ph.D. and/or M.D./Ph.D. degree in Immunology, Cancer Biology, or related field.

Interested candidates should submit a current CV/biosketch with their references and contact info to zachary.hartman@duke.edu