

Job-Title: Postdoctoral Fellow

A well-funded, dynamic and question-driven young lab at **The University of Texas MD Anderson Cancer Center** seeks to appoint one or more highly motivated postdoctoral fellows with a strong interest in cancer biology, tumor immunology and cancer immunotherapy and a desire to work with projects related to lung cancers. The successful appointee(s) will be working under the supervision of Tina Cascone, M.D., Ph.D., Assistant Professor, physician-scientist in the Department of Thoracic/Head and Neck Medical Oncology. The project and research opportunities for the postdoctoral candidate will focus on investigating T cell-mediated mechanisms of tumor response and resistance to immune-based therapies in non-small cell lung cancer (NSCLC), using innovative preclinical murine models and clinical samples from cutting-edge trials evaluating immune-based therapies for patients with NSCLC. The opportunity to conduct translational research by studying relevant preclinical models and human samples will improve our ability to develop more effective therapeutic strategies for patients with lung cancer and other cancers and advance the field of cancer immunotherapy.

Qualified candidates should have a doctoral degree, with strong background in one or more of the following areas: tumor immunology and cancer immunotherapy, molecular biology, cell biology, cancer biology, and biochemistry, with an emphasis on mechanisms of action of immune checkpoint inhibitors and T cell-based therapies (required). Prior experience in understanding, generating, and handling murine models of cancer, as well as ability to analyze data derived from *in vivo* studies using syngeneic mouse models of cancer is desired. Expertise in any of the following fields would be considered advantageous, but is not essential: oncogenic signaling pathways, biomarkers of response and resistance to cancer therapies (targeted therapies, antiangiogenic therapies and immune-based therapies), cancer metabolism, and immuno-genomics. The postdoctoral fellow is expected to be a self-starter, highly motivated, dedicated, have critical thinking abilities, excellent technical skills, strong work ethic, and excellent organizational and communication skills.

MD Anderson is ranked one of the top two hospitals in cancer care nationwide for 25 years by U.S. News & World Report. The cancer center ranks high in the number of National Cancer Institute grants and invests millions in research every year; it offers active graduate and post-doctoral training programs, and the unmatched scientific environment of the Texas Medical Center, the world's largest biomedical center.

For those interested, please send a CV, three letters of recommendation, and a 2-3 page research statement describing past achievements, skills and research interests to Michelle Morris - [mdmorris@mdanderson.org](mailto:mdmorris@mdanderson.org).

MD Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability or veteran status except where such distinction is required by law. All positions at The University of Texas MD Anderson Cancer Center are security sensitive and subject to examination of criminal history record information. Smoke-free and drug-free environment.