

## **Position Title: Postdoctoral Fellow in Transplantation Pathology**

Michigan Medicine

### **Description:**

A postdoctoral position is available in the laboratory of Dr. Evan Farkash, University of Michigan, Ann Arbor. The Farkash laboratory focuses on long term outcomes after kidney transplantation, including antibody mediated rejection and viral oncogenesis. Our goal is to develop a new approach to diagnosing acute or chronic antibody mediated rejection in renal allografts that captures both C4d-negative cases and rejection caused by non-HLA donor specific antibodies. We aim to increase the information derived from traditional FFPE and/or frozen tissue samples by detecting and quantifying signatures of Fcγ-bearing cell infiltrates and endothelial injury using multicolor immunohistochemistry, digital morphometrics, and expression analysis. Our lab works closely with interdisciplinary collaborators in Transplant Surgery, Pathology, and Nephrology.

### **Requirements**

Candidates must possess a Ph.D. or M.D./Ph.D. Preference will be given to individuals with a background in molecular techniques including nucleic acid extraction from challenging sample types and expression analysis such as RNAseq or microarray analysis. Proficiency in English and strong communication skills are necessary.

### **Relevant publications:**

<https://www.ncbi.nlm.nih.gov/sites/myncbi/evan.farkash.1/bibliography/48036936/public/?sort=date&direction=descending>

### **How to apply**

Qualified individuals can apply through the Send Info tab, or directly submit a cover letter, CV, and contact information for 2-3 references to:

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