



## **Postdoctoral Fellow-Tumor Microenvironment, Cancer Immunology**

**Employer:** Johns Hopkins University School of Medicine, Dr. Junko Sawada's Lab

**Location:** Johns Hopkins All Children's Hospital in St. Petersburg, Florida,

**Salary:** Salary and fringe benefits will be compliant with guidelines established by the Johns Hopkins University School of Medicine.

### **Position Highlights**

The laboratory of Dr. Junko Sawada at the Johns Hopkins University School of Medicine is seeking a highly motivated Postdoctoral Research Fellow. The focus research project is understanding the interactions between immune cells and the local tissue environment in the context of cancer immunology and autoimmunity. Related publications are found in *Sawada et al., Cancer Immunol Res. 2022*, *Sawada et al., Cancer Cell, 2012*, and *Sawada et al., Am J Pathol. 2021*.

This project will primarily utilize newly developed mouse models to generate tertiary lymphoid structures in tumor and autoimmune disease as well as in vitro cell culture systems along with high dimensional analysis approaches such as flowcytometry, immunohistochemistry, cultured-cell assay systems, and single-cell RNA sequencing.

### **Eligibility and requirements**

Highly motivated and skilled applicants with strong interests in the areas of cancer immunology, tumor microenvironment, and autoimmune disease and experience in molecular/cell biology and/or pathology and genetics of mouse disease models are encouraged to apply. Candidate should have a Ph.D. or be in the process of completing a Ph.D.. with a minimum of one of hands-on experience in flow cytometry, immunohistochemistry, cell-based assay, and biochemical assays. We are also looking for a bioinformatician for human and mouse genetic analysis.

Interested applicants should e-mail a CV, publication list, a brief description of research interests, your career goal, and research experience to Dr. Sawada: [jsawada1@jhmi.edu](mailto:jsawada1@jhmi.edu)