

Benaroya Research Institute at Virginia Mason is committed to winning the fight against autoimmune diseases such as [type 1 diabetes](#), [rheumatoid arthritis](#), [inflammatory bowel disease](#) and [multiple sclerosis](#), and immune system diseases such as [allergies and asthma](#). BRI is an internationally recognized medical research institute that accelerates discovery by tackling questions from every angle, translating immunology breakthroughs into clinical therapies and healthier patients.

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**Overview:** The [Long Lab](#) is a translational immunology lab focused on better understanding underlying mechanisms of the autoimmune disease, type 1 diabetes. This is done by performing mechanistic studies associated with clinical trials and in-depth studies using clinical samples. In fact, we have been involved in the majority of studies cited in a recent Science T1D special section review (Science 373, 510-516, 2021). This position provides the unique opportunity to focus on mechanistic studies associated with additional clinical trials in T1D targeting T cells and cytokine pathways.

**Responsibilities:** The Postdoctoral Research Associate conducts independent biomedical research relevant to defining mechanisms underlying response to therapy. This will include multiple trials targeting a range of cell types and pathways with a focus on advanced single cell analyses.

**Duties include:**

- Design and perform experiments and analysis relevant to therapeutic targets and immune profiles of response
- Use advanced, high dimensional cytometry and transcriptional techniques
- Work with the Bioinformatics team at BRI to design and perform advanced single cell analyses
- Work closely with the Human Immunophenotyping Core
- Collaborate with leaders in the field of autoimmunity
- Publish papers, write grants and present findings at meetings
- Opportunity to supervise support staff in the lab

**Requirements:**

- The Postdoctoral Research Associate is a team-player who welcomes challenges and wants to grow as a translational biologist
- Requires a Ph.D. in Immunology or a related field and experience in tissue culture, cellular and molecular techniques
- Prefer experience with cytometry and large data-sets
- Be forward thinking by welcoming opportunities for additional training and engagement with the larger scientific community
- Foster a friendly, collaborative learning environment that prioritizes integrity and respect, innovation and agility, and constant inquiry.

Visit <https://careers-benaroyaresearch.icims.com/jobs/search> to apply for this position.

**We strongly support and encourage applicants from diverse backgrounds including race, color, religion, sexual orientation, gender identity, national origin, citizenship, disability or protected veteran status.**