



Research Associate II - Type 1 Diabetes Research

Job Ref: 10031674

Location: Duarte, CA 91009

Category: Research

Job Type: Full-time

Shift: Days

Pay Rate: \$33.00 - \$51.15 per hour

Join the forefront of groundbreaking research at the [Beckman Research Institute](#) of City of Hope, where we're changing lives and making a real difference in the fight against cancer, diabetes, and other life-threatening illnesses. Our dedicated and compassionate faculty and staff are driven by a common mission: Contribute to innovative approaches in predicting, preventing, and curing diseases, shaping the future of medicine through cutting-edge research.

A Research Associate II position is available in the laboratory of Dr. Melanie Shapiro, PhD, in the AR-DMRI Department of Diabetes Immunology. You will perform a variety of experiments related to the genetics and immunology of type 1 diabetes.

The Shapiro laboratory currently studies germline genetic variants predicting response to immunotherapies for type 1 diabetes as well as somatic variants in the pancreas and immune cells of organ donors with type 1 diabetes.

For more information on the Shapiro Laboratory please visit here: <https://mshapirolab.academicwebsite.com/>

For more information on the Arthur Riggs Diabetes & Metabolism Research Institute please visit here: <https://www.cityofhope.org/research/riggs-institute/diabetes-milestones-and-history>

As a successful candidate, you will:

- Isolate and culture immune cells *In vitro*

- Perform CRISPR/Cas9-mediated gene editing
- Run multicolor flow cytometry and analysis
- Execute ELISA and/or multiplex cytokine quantification assays
- Analyze single nucleotide polymorphism genotyping data
- Perform murine injections, dissection, and processing of pancreas and immune organs for *in vivo* experiments
- Process and analyze single cell RNA sequencing data

Qualifications

Your qualifications should include:

- Bachelor's degree. Masters degree preferred
- 2+ years of related research/laboratory experience with a Bachelor's degree or 1+ year related research/laboratory experience with a Master's degree.
- Some experience in the experimental and analytical techniques listed above is preferred, but not required

City of Hope employees pay is based on the following criteria: work experience, qualifications, and work location.

City of Hope is an equal opportunity employer. Apply HERE: [Clinical and Research Careers | City of Hope | California](https://www.cityofhopejobs.org/apply/8925/research-associate-ii-type-1-diabetes-research-research-us-ca-duarte/) (<https://www.cityofhopejobs.org/apply/8925/research-associate-ii-type-1-diabetes-research-research-us-ca-duarte/>)