



## **Associate Scientist, Gene Therapy**

### **Who We Are**

Opus Genetics is a new clinical-stage ophthalmic biopharmaceutical company dedicated to developing gene therapies that treat rare inherited retinal diseases. Formed by the venture arm of the Foundation Fighting Blindness, we are uniquely positioned both to develop these therapies and to contact patients who would benefit from them. Our research is supported by scientific and clinical advisory boards comprised of internationally recognized pioneers in the ocular gene therapy space. We are seeking a talented Associate Scientist who is motivated to join our effort to preserve vision in people around the world.

### **The Role**

The Associate Scientist will perform research toward the development and validation of gene therapies for multiple inherited retinal disease indications. This individual will design and execute experiments involving a broad range of techniques (e.g., cell culture, immunohistochemistry, microscopy) and will work closely with the Chief Scientific Officer (CSO) and a Sr. Scientist. In addition to benchwork, the Associate Scientist will contribute to peer-reviewed publications, present data internally and at scientific conferences, assist in writing summary reports, and share general laboratory responsibilities (e.g., ordering lab supplies).

### **Key Deliverables**

The candidate must be proficient

- across a broad range of molecular and cellular laboratory techniques, as indicated below.
  - Mammalian cell/tissue culture. This should include performing cell-based assays that measure the expression and activity of target gene products. Maintenance of iPSC lines (clone selection, expansion, and banking) and their derivation into retinal lineages is highly desirable, but not required.
  - Molecular biology assays: Western blot, qPCR.
  - Immunofluorescence, immunohistochemical staining, microscopy and cryo-sectioning. Experience with widefield and fluorescence platforms is required. Confocal training is highly desirable, but not required.
  - Experience working with viral vectors (AAV or Lenti-vectors) is preferred, but not required.
- in designing, executing, and analyzing experiments.
- in presenting data clearly to internal and external audiences.
- in using Microsoft Office and standard data analysis software.
- in their organizational skills, attention to detail, and the desire to learn new techniques.
- in their ability to work both independently and collaboratively in a fast-paced, creative environment.

### **Qualifications**

- Bachelor's or master's degree in neuroscience, ophthalmology, pharmacology, biology, biomedical engineering, or similar field.
- 2+ years of hands-on experience in a molecular/cell biology laboratory.