



## **Senior Research Associate, In Vitro Pharmacology**

### **Who We Are**

This is an exciting opportunity to join Opus Genetics, a brand new, clinical-stage ophthalmic biopharmaceutical company dedicated to the development of gene therapies for rare inherited retinal diseases. Our approach is based on validated science from pioneers in the ocular gene therapy space. Opus Genetics employs a unique, sustainable manufacturing approach and a commitment to leveraging our clinical network to reach patients and achieve optimal treatment outcomes.

### **The Role**

The in vitro research associate will work closely with CSO and Sr. Scientist in designing and performing experiments. The work involves a wide variety of techniques including cell culture, molecular biology, immunohistochemistry, confocal and light microscopy. The research associate will be expected to contribute to manuscript preparation, present data within the company as well as national conferences, and assist in writing summary reports. The research associate will be involved in sharing lab responsibilities such as ordering and maintaining lab supplies, as well as maintaining compliance.

### **Key Deliverables**

The candidate must:

- have experience with a range of cell and molecular biology techniques, including cloning, qPCR, and Western blotting.
- be able to plan, perform and analyze experiments accurately and in a timely manner, and present data within and outside the group.
- have demonstrated advanced computer software proficiency (Word, Excel, Graphpad, PowerPoint, Photoshop etc.).
- have experience with designing, executing, and analyzing in vitro and in vivo experiments.
- have strong organizational skills, attention to detail, and desire to learn new techniques
- have the ability to work independently in a fast-paced, creative, and collaborative environment

### **Skills and Expertise Required**

- Bachelor's or Master's degree in Neuroscience, Ophthalmology, Pharmacology, Biology, Biomedical Engineering or similar field.
- 2+ years of hands-on experience with a range of cell and molecular biology techniques, including cloning, ELISA, qPCR, and Western blotting.
- Experience with immunofluorescence and immunohistochemical staining and imaging.
- Experience working with viral vectors (AAV or Lenti-vectors) is preferred, but not required.
- Experience working with culture and maintenance of iPSC lines, including clone selection, expansion and banking is plus.