

## **Position: Scientist, *in vivo* pharmacology (diabetic retinopathy)**

Job Code: DR-BG

### **Description:**

We are seeking highly motivated individuals interested in joining a dynamic scientific team focused on demonstrating *in vivo* efficacy of proteostasis regulators for ocular and neurodegenerative diseases. The open position is for 'hands on' *in vivo* scientist with extensive experience in developing/implementing models of ocular disorders, with an immediate focus on mouse models of diabetic retinopathy. As the expert in ocular disorders you will represent the pharmacology department on cross-disciplinary teams with biology, bioinformatics, and medicinal chemistry departments. As a member of the pharmacology team you will participate in a variety of pre-clinical studies, including non-ocular experiments, with the rest of the team. Additionally, you will be involved in the collection, analysis and interpretation of complex gene/protein expression data sets designed to reveal PN changes in disease and in response to therapeutic intervention.

### **Degree level required**

Ph.D. with up to 3yrs post-doctoral experience

Or

Candidates at the Masters or Bachelors level with extensive experience will also be considered.

### **Competencies (Knowledge and Skills)**

- Knowledge of ocular diseases, with an emphasis on diabetic retinopathy
  - Extensive experience developing and/or working with *in vivo* and *ex vivo* rodent models of diabetic retinopathy and/or additional ocular disease models
- Extensive rodent handling/dosing/necropsy skills
- Basic molecular biology/lab skills [eg, PCR, immunohistochemistry, etc]
- Excellent written and verbal communication skills.
- Good understanding of data analysis methods and experimental design.
- Familiarity with diabetes and/or diabetic complications is a plus
- Familiarity with neurodegenerative diseases, such as Huntington's disease is a plus
- Project management experience is a plus.