

## **Scientist, Immunobiology and Biomarkers Research**

### **Role Summary:**

Reporting to Director, Immunobiology and Biomarkers Research, the Scientist will be engaged in the development and evaluation of novel small-molecule-based immunotherapeutics for the treatment of chronic hepatitis B virus (HBV) infection.

### **Responsibilities:**

- Successfully deliver on research goals and objectives.
- Investigate the therapeutic potential of various immunotherapeutic approaches by participating in the design, execution, and analysis of studies involving *in vitro* and *in vivo* models.
- Execute hands-on laboratory research in support of primary compound screening, lead optimization programs, and mechanism of action studies.
- Perform assays in support of development/clinical candidates.
- Develop and optimize assays for increased capacity, sensitivity, and turnaround time.
- Coordinate internal team efforts as well as work performed at CROs.
- Document procedures and results in laboratory notebooks and digital lab management systems, in accordance with appropriate SOPs.
- Conduct detailed data analyses and generate comprehensive written reports of studies.
- Write and generate presentations and publications and present scientific results in a variety of settings.
- Other responsibilities as assigned

### **Qualifications:**

- PhD in Immunology or related discipline, or MS degree with minimum 5 years' experience or equivalent combination of education and experience, with a primary background in the immunology of host\pathogen interactions including T cell tolerance mechanisms, innate and adaptive immune cell signaling and cytokine biology
- Ability to independently execute complex immunology experiments including isolation of immune cells, T cell proliferation assays, stimulation assays, multi-color flow cytometry and cytokine profiling
- Expert working knowledge of multi-color flow cytometry is required
- Knowledge of virus/host interactions or immuno-oncology including innate and adaptive immune signaling highly preferred
- Excellent verbal and written communication and presentation skills
- Able to effectively manage multiple competing priorities
- Able to work in a matrixed environment
- Demonstrates scientific creativity and takes initiative