Research Scientist

Company Summary:

OncoSpherix is a pre-clinical stage oncology drug development company that is advancing a proprietary platform of first-in-class small molecule therapeutics that are designed to improve the quality of life and survival for people with many forms of cancer by targeting a common feature of solid tumors: the activation of hypoxia inducible factor-1 (HIF-1).

Desired Candidate Profile:

OncoSpherix is seeking a highly motivated and experienced Research Scientist who can work independently on studies focused on developing small molecule therapeutics for cancer. The position requires considerable independence and the ability to rapidly learn and execute new techniques.

- The Research Scientist will be a member of the OncoSpherix R and D team and should have knowledge and expertise of laboratory and experimental platforms necessary to understand, modify and advance OncoSpherix’s small molecule therapeutics for cancer.
- The Research Scientist will be working in the “Lab to Launch” space near researchers from other startup companies.
- Initially, the Research Scientist will be guided by a team consisting of the company CEO, CSO and VP for chemistry, all of whom will provide guidance remotely. The team is expected to grow over time as the company grows.
- The Research Scientist will also interact with collaborators and contract research organizations that are working on complementary elements of the research and development program, with the goal of advancing OncoSpherix’s therapeutics towards clinical testing.
- The Research Scientist will perform a wide range of highly technical and complex research duties, with detailed documentation of procedures and results.
- Studies will involve working with cultured normal and tumor cells in normoxic and hypoxic conditions and assaying different compounds for their ability to inhibit HIF function.
- Changes in gene expression in cultured cells in response to various incubation conditions and chemicals will be assessed.
- Standard molecular techniques will be used to gain mechanistic insights.
- In vitro assessment of pharmacologic properties of compounds will be done (ADMET).
- The research scientist will prepare written materials, charts and graphs for presentation to the team and for other purposes.
- The research scientist will aid in writing biosafety and other approval documents.
• The research scientist will monitor the handling, storage and disposal of hazardous substances and assist with general lab maintenance, including inventory, ordering and organization.

MINIMUM QUALIFICATIONS:

• PhD in a life science field.
• Publication track record that shows strong evidence of technical proficiency, data analysis experience/capability and writing abilities.
• Experience with tissue culture, luciferase assays, western blots and immunoprecipitation assays desired.

NOTE: Position tasks are required to be performed in-person at Lab-to-Launch in Emory University Health Sciences Research Building II; working remote is not an option.

This position may involve the following Health and Safety issues: Working in a laboratory with hazardous chemicals standardly used for molecular and cellular studies; working with tumor specimens, tissues, or other potentially infectious materials.

Include in application:

1. A cover letter describing your interest in this position, how it fits into your career development, and how your background relates to the position.
2. Your cv

Equal Employment Opportunity:

OncoSpherix is committed to equal opportunity in the terms and conditions of employment for all employees and job applicants without regard to race, color, religion, sex, sexual orientation, age, gender identity or gender expression, national origin, disability or veteran status. OncoSpherix also complies with all applicable national, state and local laws governing nondiscrimination in employment as well as employment eligibility verification requirements of the Immigration and Nationality Act. All applicants must have authorization to work for OncoSpherix in the U.S. In certain circumstances it may be advantageous to OncoSpherix to support the application(s) for temporary visa classification and/or sponsor applications for permanent residence so that a foreign national colleague can accept or remain in a work assignment in the U. S. For certain classes of temporary visas, the resulting work authorization may be specific to OncoSpherix and the specific job and/or work site. OncoSpherix may at its business discretion decide to or refrain from obtaining, maintaining and/or extending the temporary visa status and/or sponsoring a colleague for permanent residency and/or employment eligibility, considering factors such as availability of qualified U.S. workers and the colleague's long-term prospects for securing lawful permanent residence, among other reasons.
Employment applicants requiring immigration sponsorship must disclose, when initial application for employment is made, whether or not they are legally authorized to work for OncoSpherix in the U.S. and, if so, whether that authorization permits them to work in the job they seek. In no case should OncoSpherix support of a colleague's temporary visa application or sponsorship of a colleague for permanent residence be construed to guarantee success of that application or amend or otherwise invalidate the "at-will" employment relationship between the colleague and OncoSpherix.

Information and/or submission of application materials: valmonte@oncospherix.com