

Interested Parties should contact:
Keith Ryan kryan@geneousbiomedical.com
508 359 4120



Position: Director / Senior Director, Research
Location: Cambridge, MA

Our Client: is developing an innovative new paradigm to enable noninvasive and predictive monitoring of important human diseases. Their technology uses precisely bioengineered sensors that interrogate the body for the presence of disease activity, and then carry the message to a patient's urine for analysis. This platform technology was developed at the Koch Institute for Integrative Cancer Research at MIT and their research has been published in leading scientific journals such as Nature Biotechnology and the Proceedings of the National Academy of Sciences.

They recently closed a significant Series A financing with blue chip venture investors. This funding will be used to expand their team, initiate clinical studies, and grow their pipeline. They are a fast-paced, high-energy startup fueled by the vision of transforming disease diagnosis and monitoring of human health worldwide.

Responsibilities

Your responsibilities will include the following:

- Build a high-performance team and a first-in-class product under a rigorous timeline in an environment that spans a range of scientific and technical disciplines.
- Oversee the Research group in the design, evaluation, and validation of activity sensors across multiple disease programs.
- Work closely with the Chief Scientific Officer to spearhead the creation of entirely new approaches and applications for their novel technology platform.
- Efficiently summarize data and results generated by the Research group for regular discussion and strategic meetings with the Chief Scientific Officer.
- Capture new inventions into patent disclosures and filings to contribute to the company's intellectual property portfolio.
- Manage and support scientific collaborations with strategic partners, academia, etc.
- Work closely with the Chief Development Officer to accelerate programs into the clinic under strict timelines.

Qualifications

- PhD in bioengineering, chemistry, life sciences, or related fields; candidates without advanced graduate degrees will be considered only with exceptional qualifications.
- 10+ years leading multi-disciplinary technical teams in biotech/pharma/medical device settings.
- Experience with biological target discovery and validation of target mechanism in human diseases.
- Experience leading development of peptide, protein, or engineered platform products for use in humans.
- Experience leading development of preclinical disease models to evaluate lead products.

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- Familiarity with computational and machine learning approaches for analyzing transcriptomic and proteomic data, and developing diagnostic classifiers.
- Evidence of creativity and innovation in the areas of drug delivery and/or medical technology development.
- Effective communicator and active listener.