



Vuja De Sciences

Senior Scientist / Postdoctoral Research Position

Vuja De Sciences is seeking a motivated Scientist for a leadership position in our drug discovery team. The position will be based in our laboratory in Natick, MA, 30 minutes from Cambridge and Boston. Our lab is based within a cutting-edge bio incubator featuring innovative biotech startups.

Vuja De (<https://vujade-life.com>) is dedicated to developing cancer metastasis treatments that prevent cancer progression and recurrence. Our strategy is to develop products first for osteosarcoma, a rare bone cancer that largely affects adolescents, and then extend to other cancers. We utilize leading laboratory technologies for metastatic preclinical endpoints in combination with Comparative Oncology (canine patients with naturally occurring cancer are included in clinical trials for benefit of humans and human's best friend to de-risk and inform product development and maximize likelihood for successful human oncology clinical trials). We are testing repurposed drugs that have previously been in human clinical trials, as well as novel preclinical drugs.

In this position, you will set up and perform drug screens utilizing 3D high throughput platforms and an *ex vivo* lung culture system, developed by our key scientific founders, advisors and collaborators, which model the early stages of metastatic recurrence. Our aim is to identify lead compounds that will prevent these early stages in metastatic recurrence.

Position Responsibilities:

The Scientist will be responsible for all the logistics in managing the laboratory activities. She/he will be responsible for designing, organizing and conducting highly specialized and advanced experiments using established scientific protocols and procedures. She/he will work together with our advisors and collaborators to successfully implement the scientific goals and vision. Since Vuja De is young start-up venture, you will have the opportunity to be on the ground floor of a company seeking to solve a critical need in the treatment of cancer. As such, the nature of the work will require flexibility while providing for the opportunity to be a critical contributor to the company's vision.

Examples of Duties:

- Design and implement research protocols; ensure safety procedures where required; adapt new procedures, methods or instrumentation relative to research procedures.
- Overall responsibility for media preparation, cell culture maintenance, animal handling, tissue preparation and equipment maintenance. Oversee ordering and procuring of supplies and equipment.
- Collect, prepare and analyze research data; keep a detailed notebook summarizing experiments and recording research data; maintain computer database of research data; tabulate and display data for presentation in research conferences and for manuscript preparation; use graphics and statistical software to analyze and present data.
- Supervise and/or collaborate with other personnel in the laboratory to coordinate research efforts for increased efficiency; participate in training of fellows, residents, students and workers as needed.
- Search pertinent scientific literature as needed.

Required Qualifications:

We are looking for early career scientists, Ph.D. in a basic or health science, who is a team player with research expertise in cell biology and or cancer biology. Experience in cell culture work is required. Candidates with experience in 3D culture systems are strongly encouraged to apply. Experience in animal cancer models preferable. Since we are a small organization, we want to ensure that our interests match your current objectives and vice versa. We are seeking to fill the position as soon as possible.

Contact: Rick Lampe, Co-founder, Vuja De Sciences, Inc. rl@vujade-life.com