Actinium Pharmaceuticals, Inc.

Job title	*Senior Research Associate, In Vitro Biology*
Reports to	*Manager, In Vitro Biology*

Company

Actinium Pharmaceuticals develops targeted radiotherapies to improve patient outcomes. Our lead candidate, ATNM-400, is a first-in-class Actinium-225 (Ac-225) therapy for prostate cancer and lung cancer, showing superior preclinical efficacy and synergy with existing treatments. Actimab-A, targeting CD33 for AML and other myeloid malignancies, has demonstrated high remission rates in patients and is advancing to pivotal clinical trials, including combination studies with Venetoclax, ASTX-727, and now PD-1 inhibitors (KEYTRUDA, OPDIVO) for solid tumors. Additional clinical programs include Iomab-ACT and Iomab-B for transplant conditioning. Actinium also pursues preclinical solid tumor programs and holds ~240 patents, including for Ac-225 production. Building on our expertise and leadership in radiopharmaceuticals, Actinium is rapidly accelerating our investigational research efforts and is looking for talented scientists to join the team.

Job Overview

Actinium is seeking a highly motivated and skilled Senior Research Associate with prior industry experience (2 years) in biologics to actively support the Company's promising R&D strategy to discover and develop novel cancer radiopharmaceuticals. The qualified individual will have prior experience in an academic or industry lab setting, preferably including drug discovery and analysis, designing, and performing experimental in vitro and ex vivo research studies. This person can independently perform high quality work and collaborate with research associates and laboratory technicians. This position will directly contribute to the preclinical research team under the guidance of the Manager, In Vitro Biology. Hands-on experience with relevant cell and molecular biology techniques, including cell culture and assay development are required. Experience with flow cytometry is highly desirable. Experience with handling radioactivity or radio-conjugation is preferred.

Duties and responsibilities

- Perform planned experiments independently with demonstrated competence in standard cell and molecular biology techniques, mammalian cell culture and aseptic technique
- Assist the Manager, In Vitro Biology with experimental planning and execution
- Gather, interpret and analyze data from performed research experiments
- Assist with maintaining laboratory equipment, ordering of reagents and laboratory supplies
- Maintain laboratory reagent database, including cell lines and antibodies
- Ensure that safe laboratory practices are followed, including the use and disposal of chemicals and hazardous materials
- Maintain a detailed electronic laboratory notebook: prepare and maintain detailed records, logs and summary reports of all procedures and results including graphs, scientific calculations, and statistical analysis charting
- Collaborate cross-functionally with colleagues in Radiochemistry and In Vivo Biology to drive translational research
- Contribute to a culture of scientific excellence by keeping informed on scientific advances and emerging technologies in targeted therapies for Oncology

Qualifications

Minimum qualifications required to successfully perform the job are:

- Master's or bachelor's degree in biological sciences with a minimum of 2 years biotech or pharmaceutical company experience in Oncology product development
- Demonstrated experience with cell culture and aseptic techniques
- Demonstrated experience with flow cytometry, western blotting, ELISA and cytotoxicity assays
- Hands-on experience with isolation and culture of primary human cells or patient-derived samples is preferred
- Prior work with biologic drugs and/or radiopharmaceuticals is preferred
- Experience in immunobiology or radiopharmacology is preferred
- Demonstrated critical thinking and troubleshooting is essential
- Excellent organizational, written and verbal communication skills
- Ability to handle multiple projects, work in a highly collaborative fast-paced environment
- Proactive, creative, and eager to learn and grow

Location

On-site (NYC)

Travel requirements

None