

Principal Scientist

Job ID
REQ-10032452

1月 10, 2025

USA

摘要

Location: Onsite. Cambridge, MA

#LI-Onsite

About the role:

The successful candidate will join a dynamic, multi-disciplinary team and play a key role in developing and applying in vivo models to evaluate novel cancer therapies in the early-stage drug discovery pipeline. This is a lab head-based position, where the ideal candidate is expected to lead the design and execution of anti-tumor efficacy and PK/PD studies that evaluate drug candidates in CDX, PDX, and syngeneic models. Applicants are expected to develop novel in vivo models and assays to interrogate key scientific questions and deliver high-value translationally relevant data that can inform clinical development.

About the Role

Key Responsibilities:

- Design pre-clinical in vivo studies to explore novel hypotheses, screen candidate molecules, and establish proof-of-concept of new modalities.
- Develop in vivo CDX, PDX, and syngeneic models to evaluate anti-tumor activity, PK/PD relationships, relevant biomarkers, and key translational questions.
- Manage associate-level scientists.
- Collaborate with cross-functional project teams.
- Critically analyze and present results within a multidisciplinary team environment
- Careful adherence to animal protocols and proper documentation of data and methods in electronic laboratory notebook

[Novartis EVP Manifesto.mp4](#)

Essential Requirements:

- This position will be located at the Cambridge, MA site and will not have the ability to be located remotely. This position will not require travel.
- PhD with 5-8 years of research experience as a postdoc or in the pharmaceutical/biotech industry
- Extensive experience in a variety of molecular biology and flow cytometric skills
- Strong knowledge of T-cell and/or myeloid biology
- Extensive experience working with CDX and PDX xenograft tumor models and/or syngeneic models
- Expertise in cell culture, PCR, ELISA, western blot, and flow cytometry
- Strong analytical, communication (written and verbal), and organizational skills, including a proficiency with PowerPoint and commonly used data analysis programs, such as Excel and Prism
- A highly motivated, inquisitive, and creative individual, who thrives in a highly-matrixed work environment, and can effectively communicate within multidisciplinary project teams

Desirable Requirements:

- A strong background and expertise in cancer immunology is preferred

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部门

Biomedical Research

Business Unit

Pharma Research

地点

USA

状态

Massachusetts

站点

Cambridge (USA)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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