



Carmine Therapeutics Inc.

www.carminetherapeutics.com

700 Main Street, North Cambridge, MA 02139

Research Associate/ Senior Research Associate

Job Description

Carmine Therapeutics is an Esco Ventures X company pioneering a powerful new class of drugs based on engineered red blood cells extracellular vesicles (RBCEVs). Carmine focuses on developing a therapeutic platform that would address some of the technological unmet needs related to the delivery of next generation therapies such as nucleic acid-based therapeutics. Carmine was awarded the 2019 Bristol-Myers Squibb's Golden Ticket to LabCentral (Cambridge, MA), and is well-capitalized to develop first-in-class therapies against genetic diseases. Carmine has R&D operations both in Cambridge, MA as well as in Singapore.

The Biology Team is looking for a Research Associate/ Senior Research Associate to join us in this exciting journey. An ideal candidate is one who is independent, motivated, technically competent, and able to work efficiently in a team.

Responsibilities

- Perform a variety of molecular biology and cell biology experiments
- Perform cell culture work and maintain cell lines
- Sample preparation, purification and independently conduct a broad range of in vitro characterization assays
- Laboratory management duties including procurement, inventory management, ensuring equipment wellbeing by timely scheduling of maintenance/ servicing/ calibration. Ensure smooth day-to-day operations in the lab
- Maintain accurate and detailed documentation of experimental design, research findings, inventories, protocols, maintenance logs, sample processing logs, SOPs, etc in electronic lab notebook
- Evaluate and interpret collected data and prepare oral presentations or written reports. Present and communicate research findings with internal teams
- Perform other related duties incidental to the work described herein

Required skills

- Laboratory experience with general molecular cloning techniques, including bacterial transformation, plasmid isolation and plasmid manipulation
- Strong knowledge in molecular biology



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- Hands-on experience with basic molecular biology techniques (eg., PCR, qPCR, ddPCR and RT-PCR)
- Excellent organizational skills and being able to multitask
- Effective verbal and written communication skills
- Ability to work collaboratively with team members

Preferred skills

- Cell culture experience
- Cell-based assay development

Qualification

- B.S. in Biology, Biochemistry or related discipline with prior laboratory research experience
- M.S. in Biology, Biochemistry or related discipline
- Prior industry experience highly preferred

Interested candidates, please submit a CV to tenzin.gocha@carminetherapeutics.com.