



**Carmine Therapeutics Inc.**

www.carminetherapeutics.com

700 Main Street, North Cambridge, MA 02139

## **(Senior) Research Associate, Biology**

### **Job Description**

Carminetherapeutics is an Esco Ventures X company pioneering a powerful new class of drugs based on engineered red blood cell extracellular vesicles (RBCEVs). Founded by Esco Ventures and Professors Harvey Lodish, Minh Le, and Jiahai Shi, Carmine focuses on developing a therapeutic platform that would address unmet needs related to gene therapies. Carmine, a 2019 Bristol-Myers Squibb's Golden Ticket winner and a 2020 Fierce 15 winner, is well-capitalized to develop first-in-class therapies against genetic diseases. Carmine is based both in Cambridge, MA as well as Singapore.

The Biology Team is looking for a (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**

- Support preparation of engineered red blood cell extracellular vesicles (RBCEVs)
- Perform cell culture experiments to characterize RBCEVs
- Support animal studies from dosing to downstream sample processing and analysis
- Perform immunohistochemistry and in-situ hybridization experiments
- Analyze and interpret experimental data
- Maintain accurate and detailed documentation including electronic lab notebook
- General laboratory assistance including organizing lab supplies, preparation of reagents, and lab equipment maintenance
- Present research findings in the internal meetings

### **Required skills**

- Prior experience with in vivo animal studies
- Hands-on experience with IHC experiments
- ELISA or related protein quantitation assays
- Excellent organizational skills and being able to multitask
- Excellent oral and written communication skills



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- Ability to work collaboratively with team members

**Preferred skills**

- Familiarity with routine injections (SC, IV, IP, IT) and blood collection
- Imaging and image analysis skills
- Experience with flow cytometry

**Qualification**

- B.S. in Biology, Immunology, Biochemistry or related discipline with prior laboratory research experience
- M.S. in Biology, Immunology, Biochemistry or related discipline

Interested candidates, please submit a CV to [tenzin.gocha@carminetherapeutics.com](mailto:tenzin.gocha@carminetherapeutics.com).