



Job Description –Senior or Principal Scientist Drug Product Process Development

Avenge is looking for a highly motivated Principal or Senior Scientist to join the process development team and work on drug substance and drug product formulation development and fill-finish process development. This candidate should be eager to join a growing organization that aims to treat solid tumors with a cell-based immunotherapy. Candidates should be detail oriented, have strong lab skills, with technical expertise in drug product formulation.

Responsibilities

- Lead the development of drug substance and drug product formulation, which includes developing the cryopreservation process, selecting the appropriate container closure and implementing an automated fill-finish process to support late phase and commercial scale.
- Manage development work with external vendors to identify appropriate fill-finish technology for filling of allogeneic cell based drug substance and encapsulated cell therapy drug product.
- Identify appropriate container closure for the drug substance and drug product to meet the program needs and support qualification studies to establish container closure integrity.
- Design and execute experiments in the lab to select the appropriate formulation for cryopreservation of drug substance and cell encapsulated drug product.
- Author technical reports and write risk assessments to support regulatory filings and implement process changes.
- Manage technology transfer to contract manufacturing organizations.
- Reports to the Sr. Director of Process Development at Avenge Bio.

Preferred Qualifications

- Previous experience (10+ years with a BS, 8+ years with an MS, 2-5 years with a PhD) in formulation development, and/or fill-finish process development of biologics or cell-based drug products.
- BS, MS, or PhD degree in biological, chemical, materials, or mechanical engineering, biotechnology, or relevant life sciences field.
- Expertise in drug product formulation development, which includes cryopreservation.
- Highly collaborative working style, and ability to adapt in a fast-paced environment.
- Strong technical understanding of analytical methods that support both drug substance and drug product testing.
- Attention to detail, critical analysis of data, and troubleshooting abilities.
- Ability in prioritization of experiments, data analysis.
- Experience in cell and gene therapy is a plus.

About Avenge Bio:

Avenge Bio, Inc. is an oncology-focused biotechnology company developing transformative cell-based immunotherapeutic products for the treatment of intractable solid tumors by incorporating its LOCOcyte™ platform. The LOCOcyte™ platform leverages proprietary engineered cells delivered to the local tumor environment that generate high concentrations of



immune effector molecules in proximity to the tumor. This initiates a robust, local and durable systemic immune response while avoiding toxicities associated with systemic immunotherapies. Avenge's most advanced product candidate, AVB-001, produces native IL-2 immunotherapy and is initially being studied in metastatic peritoneal cancers such as ovarian cancer. Avenge has additional pipeline candidates for the treatment of a wide range of cancers including pancreatic, lung and breast cancers. Avenge Bio was founded in 2019 based upon technology developed in the laboratory of Omid Veischi, Ph.D. and has an exclusive license from Rice University for this technology. To learn more, visit www.avengebio.com