

Director/Senior Director of Biology

About us:

Cellinfinity Bio is a revolutionary biotech based in New Haven, aimed to improve the current standards of cell therapy for cancer and beyond. Recently spun off from Yale, Cellinfinity Bio leverages proprietary, next-level gene editing platforms for highly efficient engineering of therapeutic immune cells to develop the best cell therapy candidates that can overcome the hurdles in today's cancer treatment.

The Role:

Cellinfinity Bio is looking for a Director/Senior Director level position with expertise in cellular immunology and gene editing. In this role, the candidate is expected to lead the development of Cellinfinity Bio's pipeline. The candidate is also expected to perform and supervise technical experiments, including but not limited to: gene editing through CRISPR or non-CRISPR methods, therapeutic cell engineering, designing and manufacturing viral and plasmid vectors, flow-cytometry based immunophenotyping, *in vivo* manipulation of mouse tumor models, and *in vitro* cytotoxicity and other phenotypic assessments. A good understanding of CMC and pre-clinical development for cell therapy will be a big plus.

We are looking for candidates who enjoy working in a team and can leverage the growth opportunities that an early startup provides. This is an exceptional opportunity for someone who is excited about cell therapy development and pioneering scientific efforts.

Responsibilities:

- Lead cellular target assessment and prioritization efforts based on Cellinfinity Bio's proprietary gene editing platform in therapeutic immune cells.
- Pioneer cell target discovery engine through advancement of existing platforms.
- Design and oversee *in vitro* assays, such as but not limited to: molecular cloning, CRISPR/non-CRISPR genetic screens, cell cytotoxicity assays, co-culture assays, ELISA/ELISPOT, flow cytometry and flow-based cell sorting.
- Design and oversee *in vivo* techniques, such as adoptive cell transfer, induction of murine tumor models, mice injections/handling, tissue isolation, and measurement of phenotypic readouts.
- Regularly present experimental findings to the leadership team and supervise biology team members as they generate, record, and present data.
- Help draft progress reports, summaries for patent applications and/or scientific publications.

Qualifications:

- PhD in immunology, genetics, bioengineering, or a related field with 3-6 years of postdoctoral experience and 2-3 years of industry experience. Exceptional postdocs without industry experience will also be considered.
- Must be excited about independently leading scientific projects and designing experiments.
- Technical expertise in gene editing and mouse/human cellular immunology.
- Passion for immunology and drug development in cancer and autoimmune diseases.
- Advanced knowledge and manipulation of viral vectors, genetics, high-dimensional flow cytometry, flow-based cell sorting, and *in vivo* assessment.
- Strong publication, patent and/or drug development record.
- Excellent oral/written presentation skills.

Cellinfinity Bio is an equal opportunity employer.

Cellinfinity Bio will provide a competitive compensation package based on the level of the experience of the candidate. Interested applicants should submit their resume and cover letter to philip.kong@cellinfinitybio.com.