

Scientist Job Description

Celexion LLC

Celexion is a bioengineering company that develops powerful platform technologies and products for partners in the pharmaceutical, industrial, agricultural, and life science research sectors.

We are seeking a highly motivated, creative thinker for a Scientist position with our Protein Engineering and Antibody Discovery team. This person will be expected to tackle a variety of challenges and play an integral part in a rapidly growing biotech company.

Responsibilities:

- Design, construct, and verify libraries for protein engineering applications (antibody libraries, alternative scaffolds, etc.)
- Perform selections of libraries for proteins with improved binding, stability, specificity, *etc.* using flow cytometry or magnetic bead capture
- Design and implement high-throughput methods for production, purification, and screening of clones isolated from selections
- Express proteins, including antibodies and enzymes, in bacterial and yeast systems
- Test expression and activity of proteins and enzymes in a variety of assays, including Western Blotting and ELISA
- Work as part of a scientific team to implement experimental plans.
- Assist with regular assigned laboratory maintenance duties.
- Communicate results of experiments with colleagues.

Basic Qualifications:

- Ph.D. in Bioengineering, Molecular Biology, Biochemistry, or similar discipline or M.S./B.S. with 8+ years of industrial experience
- Experience with recombinant DNA manipulation, PCR, cloning, subcloning, gel electrophoresis, antibodies, protein expression, antibody purification, ELISA, Western Blotting, and activity assays required.
- Additional experience with *E. coli*, yeast, flow cytometry/FACS, directed evolution, protein/antibody/enzyme engineering, metabolic engineering, analytical techniques (HPLC, GC/MS), or eukaryotic systems desirable. Experience with high-throughput protein production, purification, and characterization also highly desirable.

Preferred Qualifications:

- Should be a well-organized, self-motivated, quick learner who is able to handle multiple projects simultaneously.
- Should have excellent laboratory skills, ability to handle complex protocols, and ability to assist in the design of experiments.
- Should be flexible with day-to-day duties and able to thrive in a start-up environment.
- Must be an excellent team member willing to work collaboratively
- Clear communicator with MS Word, Excel, and Powerpoint skills.

Job Type: Regular, Day Hours

Employee Status: Temporary to Permanent

Contact: hr-02@celexionbio.com