

Research Associate II/Senior RA/ Molecular Biology

Dragonfly Therapeutics is seeking a highly motivated and experienced research associate with a strong focus on molecular biology and protein expression to join the Biologics team. The successful candidate will be a key member of the cell culture group responsible for production of mono- and multi-specific antibodies and recombinant proteins. We offer a unique opportunity to learn, grow professionally, and be part of a fun, dedicated and goal-oriented team.

About Dragonfly Therapeutics

Founded in 2015 by Dr. Tyler Jacks, head of the Koch Institute at MIT, Dr. David Raulet, one of the world's leading experts in Natural Killer (NK) cell biology, and Bill Haney, a longtime tech entrepreneur and investor, Dragonfly Therapeutics was launched to harness the power of the immune system to provide breakthrough treatments for patients – especially in areas where there are no effective treatments, today.

The company develops novel first-in-class therapeutics designed to harness Natural Killer cells and other cells of the innate immune system which can provide direct killing of disease promoting cell types, and provide a unique therapeutic window beyond current therapies for treatment of cancer and chronic inflammatory diseases. Please visit our website for details

Our mission is to revolutionize disease treatment by inventing natural killer cell-based therapies for vastly improved patient outcomes. We believe in a small team with a big impact.

Responsibilities:

- Support molecular cloning and protein production of Dragonfly drug candidates
- Plan and conduct molecular biology experiments
- Sequence analysis, vector construction, plasmid annotation, maintenance of plasmid database
- Perform plasmid purification by mini-, midi-, and maxi-preps and maintain bacterial stocks
- Small scale transient expression of recombinant proteins in mammalian cell lines
- Gather and analyze experimental data under the direction of the group leader
- Communicate results and coordinate activities within different project teams
- Maintain an excellent record of experiments in an electronic laboratory notebook following company guidelines for best-practices

Qualifications:

- B.S/ M.S. in Molecular Biology, Biochemistry, Bioengineering or related discipline and 2+ years of experience
- Excellent aseptic skills and mammalian cell culture experience is a must
- Proficiency with standard molecular biology skills including bacterial culture and transformation, PCR, cloning, DNA purification, restriction digestion, sequence analysis and vector construction
- Experience with molecular biology techniques such as Gibson assembly, Golden Gate and CRISPR is a plus
- Experience using DNA analysis and design tools such as SnapGene, BLAST, and similar software



- Direct experience with mammalian cell lines such as Expi-CHO and Expi-293 is a plus. Familiarity with cell culture performance at various scales from shake flasks to bioreactors is a plus
- Familiarity with protein characterization techniques (SDS-PAGE, Western Blot, ForteBio-Octet) is a plus
- Attention to detail and ability to multitask are required
- Efficient time management and ability to work on several projects simultaneously
- Strong interpersonal skills and ability to effectively communicate with multidisciplinary team members
- Excellent record keeping abilities to document analytical data generated in support of regulatory requirements, experience with ELN

Please apply by sending a cover letter and resume to cell.molbio.jobs@dragonflytx.com

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