

About Anven Biosciences

Anven Biosciences is developing innovative small molecule therapies to treat neurodegenerative, infectious, cancer, autoimmune, and other diseases through chemical biology and translational medicine. Using its unique platform, Anven is building a pipeline of orally bioavailable small molecules that perform like monoclonal antibodies. We are supported in this mission by world leaders in their respective scientific fields and some of the most innovative pharma companies.

Position Description: Scientist I (Medicinal Chemistry – Targeted Protein Degradation)

We are seeking a talented and motivated scientist in medicinal chemistry to support our discovery projects. The candidate will be responsible for the synthesis and analytical characterization and screening of small molecules, learn and apply new skills in the discovery of novel compounds, and supporting related nonclinical activities of our development programs. The successful candidate will be responsible for handling synthesis of all peptoids, peptides and small molecules through all phases of the assigned projects from concept through to release -- and will manage prioritization and timely execution of the project tasks. This individual will work closely with purification, QC, and biology team members.

Primary Responsibilities:

- Synthesize and deliver analogue compounds to test PK/PD, toxicity, Blood Brain Barrier penetration etc.
- Synthesis of novel peptoids, peptides, PROTACs and small molecule analogues for discovery projects.
- Purification of peptoids, peptides, PROTACs and small molecules in both solution phase and on solid phase.
- Preparation, set up, and operation of automated and manual synthesis modes
- Perform analysis using MALDI-MS, LC-MS, HPLC, TLC, -UV-Vis, and NMR
- Perform purification using Prep-HPLC, lyophilization, recrystallization, and other techniques.
- Actively contribute to project teams and work effectively across functional teams to help advance programs.
- Participate in group meetings, report status of work in progress, interpret and present data, and draw conclusions regarding material and nature of results.
- Monitor and evaluate tasks to meet project time frames.
- Support decision making processes while working with discovery team.
- Demonstrate good verbal communication and interpersonal skills.

Requirements

- A Ph.D. in Organic or Medicinal Chemistry or a related subject with 0-4 years of post-doctoral, industry and/or academic experience ideally in peptoid, peptide, PROTACs or small molecule synthesis in both solution phase and on solid phase.
- In-depth knowledge of chromatographic and analytical techniques, including flash chromatography, HPLC, LCMS and MS/MS.
- Experience in organic synthesis and purification.
- Prior working experience in Peptoids, peptides, Targeted Protein Degradation and PROTACs preferred.
- Demonstrate good computer skills; a working knowledge of ChemDraw, MS Word, Excel, PowerPoint, GraphPad Prism and literature searching software like SciFinder is required.
- Strong desire to work in multi-disciplinary teams, to learn new skills and to proactively solve problems.
- Record of publications focused on peptoid or peptide synthesis, small molecule synthesis, Targeted Protein Degradation and/or PROTACs.
- Excellent oral, presentation and written communication skills.
- Creative thinker with a strong sense of responsibility and a collaborative spirit to work in a start-up environment.

Anven Biosciences Inc. is an equal opportunity employer and is committed to a diverse workforce. Employment decisions regarding recruitment and selection will be made without discrimination based on race, color, gender, age, sexual orientation, religion, national origin, physical or mental disability, genetic information or characteristic, veteran status, gender identity and expression or other non-job-related characteristics or other prohibited grounds specified in applicable federal, state and local laws. Anven is offering a competitive compensation and benefits package.

To apply, please email your resume or CV to: career@anvenbio.com