

Position Posting: Associate Research Scientist – Synthetic Organic Chemist

Ripple Therapeutics Corporation is a clinical stage, privately held company that is focused on ophthalmic therapeutics with controlled drug delivery. The core feature of Ripple's Epidel™ technology is the ability to engineer sustained-release pharmaceuticals with near zero-order release kinetics without the use of polymers or excipients. Ripple has a full product pipeline in development.

www.rippletherapeutics.com

Position Summary:

We are an interdisciplinary team and are seeking a highly motivated synthetic organic or medicinal chemist to join the Ripple team. The successful candidate will participate in the development of novel medicinal compounds for use in Ripple's sustained drug delivery technology. The position will have a role in synthesis, characterization, and testing of novel molecular compounds. The ability to problem solve, perform work in a well-organized and logical manner, and communicate effectively are attributes that will be critical to success in this position.

Essential Functions:

- As a part of the team, contribute to the design of new targets and to the overall chemistry strategy for Epidel technology
- Conduct multi-step synthesis, purification, isolation and characterization of new target compounds
- Interpret and document resulting data and problem solve synthesis challenges based on scientifically sound theory and published literature
- Perform HPLC, MS, NMR testing and interpret results
- Develop test methods and procedures for new synthetic reactions and characterization
- Support the preparation of project presentations and presenting experimental conclusions
- Collaborate with team members on multiple projects of varying complexity in parallel
- Prepare reports, SOPs, and presentations as required, and maintain proper documentation
- Communicate experiment and project results to team members, managers, and management as required
- Contribute to maintaining a safe and organized laboratory and support health and safety initiatives
- Support Chemistry Co-op students with ongoing projects through technical guidance and leadership

Required Education and Work Experience:

- BSc or MSc degree in Organic or Medicinal Chemistry with 1-3 years of synthetic organic chemistry experience
- Ph.D degree in Organic or Medicinal Chemistry

Required Skills and Competencies:

- Practical experience in organic synthesis techniques including the use of corresponding equipment (e.g. rotovap, analytical balances, handling gas cylinders, reactions and storage under inert gases, vacuum pumps and ovens, etc.)
- Practical experience in characterization and analytical techniques including NMR, HPLC, MS
- Working knowledge of additional characterization techniques such as KF, SEC, IR, DSC, XRD, TGA
- Experience in the purification of small molecules using a variety of methods such as flash chromatography (Biotage), recrystallizations, distillations, filtration, liquid-liquid extractions, and others
- Experience in structural characterization of small molecules using modern spectroscopic instruments and techniques such as LC-MS, 1D and 2D NMR methods and others
- Stays abreast of scientific literature and incorporates new methods and technologies into their research
- Works independently in a safe manner within a chemistry laboratory
- Strong problem solving ability and creativity while working in a well-organized and logical manner;
- Strong collaboration and interpersonal skills, and communication skills
- Flexible, with an ability to work in a fast-paced environment and prioritize to adhere to timelines

To Apply

- Please submit resumes in confidence to careers@rippletherapeutics.com with “Associate Research Scientist – Synthetic Organic Chemist” in the subject line.
- Ripple Therapeutics welcomes and encourages applications from people with disabilities.
- Accommodations are available on request for candidates taking part in all aspects of the selection process.
- Compensation, including benefits and equity, is competitive and commensurate with experience.
- This is a great opportunity to work with engaged, committed and dedicated colleagues in an innovative and progressive environment.
- We thank you for your interest. Only those candidates selected for interviews will be contacted.