

MIROMATRIX MEDICAL INC.
Cholangiocyte Team Leader
(Regenerative Medicine)

Position Description:

Miromatrix' mission is to eliminate the organ transplant waiting list by bioengineering transplantable organs to bring lifesaving technology to all those in need of a transplantable organ.

Miromatrix, Inc. is a biotechnology and regenerative medicine pioneer that discovers, develops and delivers innovative, award winning biotherapies. We are currently developing a transplantable liver and kidney as our lead products, with plans to expand into other organs as part of our business model. Our progress to date was recently recognized as a KidneyX prize winner for redesigning dialysis and as a 2019 Buzz of BIO for Pipelines of Promise. We continue to build our organization and scientific teams.

Miromatrix has an immediate opening for a highly motivated individual interested in joining our Liver Engineering Program in a fast-paced, team and results-oriented work environment. We are looking for a talented Scientist to serve as our Cholangiocyte Team Leader and assist in the development of a novel bioengineered liver graft for the treatment of liver failure. A full-time position is available starting immediately.

Responsibilities:

- Serve as the company cholangiocyte subject matter expert, keeping up to date with developments in the field
- Contribute to all aspects of development of an engineered liver
- Use, design, and maintain advanced bioreactors for liver scaffold seeding
- Plan and conduct experiments
- Analyze experimental and histological data
- Document results that enable teams to make decisions and progress the programs towards the clinic
- Ensure the teams' objectives are understood, logistics are effectively coordinated, and budgets are adhered to within the team
- Use knowledge and experience to draw conclusions, communicate with management, and advance technical decisions
- Conduct porcine and human primary cell isolation and expansion
- Optimize cell culture media and preparation
- Assistance with preclinical studies
- Mentor, advises and train junior staff
- Coordinate, author, and review written and oral reports and presentations, patent and regulatory filings for senior management

Required Qualifications:

- B.S. (4+ years of experience); M.S. (2+ years of experience); or Ph.D. (1+ years of experience) in one of the Life Sciences or Engineering disciplines including Biomedical Engineering, Cell Biology, or Tissue Engineering
- Demonstrated technical expertise and leadership in a technical field
- Highly proficient in adherent mammalian cell culture with at least 2 years of experience
- Strong ability to communicate within and across disciplines and organizational structures
- Enthusiasm for a collaborative work culture and desire to make a positive impact

Desired Qualifications:

Preference will be given to applicants with prior cell culture and cell/molecular biology experience, either industry or academic related. Additional experience in primary cell isolation, liver physiology,

biomaterials, cholangiocyte or biliary research, liver histology/pathology, and/or the characterization of liver function are strong considerations. Experience managing Idea and/or Experiment phase of complex R&D projects, managing personnel performance and development in a technical setting. The ideal candidate will have a history of regenerative medicine with direct experience in biliary biology or research. We encourage those with industrial or academic regenerative medicine or tissue engineering experience to apply.

Applicants should submit a resume and cover letter with their application to wwoodley@miromatrix.com.

Miromatrix offers a competitive compensation package with great growth potential. The Company is committed to providing a safe, fair, and enjoyable work environment. Job offer will be contingent upon a pre-employment background check and drug screening. Miromatrix is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected Veteran status, age, and any other characteristic protected by law.