



**Job Title:** Materials Scientist/Tissue Engineer

**Company:** OcuCell, Inc.

**Location:** Baltimore, Maryland

**About Us:** OcuCell, Inc. is an ambitious and forward-thinking start-up committed to applying innovative cell therapies for ocular regenerative medicine. We are passionate about pushing the boundaries of science and technology to create groundbreaking solutions using regenerative medicine to improve treatment for eye diseases. Join our dynamic start-up team and help shape the future of ophthalmic care.

**Position Overview:** We are seeking a highly motivated and talented materials scientist/tissue engineer with a PhD in a related field or a master's degree (with 3 years relevant experience) to join our pioneering start-up. As a key member of our growing team, you will play a pivotal role in translating our research laboratory processes to a scalable GMP manufacturing process.

**Key Responsibilities:**

1. **Research and Development:** Lead cutting-edge research in tissue engineering and biomaterials, with a focus on developing GMP production of materials and scaffolds for regenerative medicine applications in ophthalmology.
2. **Experimental Design and Execution:** Design and execute experiments, analyze data, and overcome research challenges to propel our projects forward.
3. **Collaboration:** Collaborate closely with cross-functional teams, including biologists and clinicians, to design and execute interdisciplinary research projects.
4. **Innovation:** Stay updated with the latest advancements in tissue engineering and biomaterials and apply innovative approaches to solve complex problems.
5. **Compliance:** Ensure that all research and development activities align with relevant regulatory and safety standards.

**Qualifications:**

1. PhD or a master's degree (with 3 years relevant experience) in materials science, tissue engineering, biomedical engineering, or a related field.
2. Proven track record in biomaterials, tissue engineering, and regenerative medicine. Experience with collagen-based matrices is preferred.
3. Experience with GMP production is strongly preferred.
4. Proficiency in experimental techniques, preferably material characterization including SEM and LCM, cell culture and molecular biology skills including PCR, RT-PCR, immunohistochemistry, ELISA, etc., data analysis, and scientific software.
5. Excellent written and verbal communication skills.
6. Ability to work effectively in a dynamic, start-up environment.



7. Enthusiasm for innovation and a strong commitment to advancing scientific knowledge.

**Benefits:**

- Competitive compensation package with equity opportunities.
- Access to cutting-edge research facilities and resources.
- Rapid career growth potential in a dynamic start-up atmosphere.
- Engaging and collaborative work environment with world renowned experts in biomaterials, corneal cell biology, and ophthalmology.
- Opportunity to contribute to groundbreaking research with real-world impact.

**How to Apply:**

Interested candidates are encouraged to submit their applications, including a cover letter, resume, and contact information for three references, to [careers@ocucell.bio](mailto:careers@ocucell.bio). Please include "Materials Scientist /Tissue Engineer" in the subject line.

Join OcuCell and be part of a passionate team that is revolutionizing the field of tissue engineering and biomaterials. Help us make a significant impact on ophthalmology through innovation in a start-up environment that values your expertise and ideas. We look forward to welcoming individuals who are ready to shape the future with us.