

Biomaterials Research Associate II (Exton, PA)

About DSM

DSM Biomedical is a market leader in regenerative medicine and in the supply of biomaterials for medical devices. We have established a team of exceptionally talented and experienced individuals who are committed to innovation, collaboration and improving the medical professional and patient experiences.

Our company possesses expertise in the research, development, scale-up and supply of novel materials and medical devices. This market is growing at a double digit rate and is characterized by long term commitment. Intellectual property is of paramount importance in this high value added market arena.

DSM Biomedical is organized in several business units around a combination of technological platforms. These business units are regionally anchored and serve a global customer base.

DSM Biomedical is part of the DSM Innovation Center and provides a proprietary product portfolio with coatings, drug delivery platforms and a wide range of biomedical materials that enable the replacement, repair, enhancement and the regeneration of tissue and organ functions in the body. Its novel materials-based solutions are designed to meet the needs of the medical device and pharmaceutical industries. The ultimate objective is to improve the outcome for patients. DSM's medical device expertise spans one of the broadest portfolios of medical materials, including biostable polyurethanes, ultra high molecular weight polyethylene's, resorb able polymers, ceramics, collagens, extracellular matrices, silicone hydrogels, device coatings, and drug delivery platforms. Millions of products are produced each year for applications in orthopedics, sports medicine, ophthalmology, general surgery and cardiology.

The Position

Collaborate with the Biomaterials Department and other COEs in the development of new test methods, materials and products through testing and/or production.

Assure that DSM products are of consistent and of high quality by: conducting and developing experiments and generating, tabulating and analyzing data in an organized and retrievable fashion.

The Challenge

- Independently analyze data, prepare brief reports, and make recommendations on experiments and/or tests that pertain to products, test methods, safety and efficiency . Write/issue experiment summaries electronically as Engineering Test Files, Validation Protocols/Final Reports and SOPs for Product Managers and Program Managers.
- Collaborate with others in department in developing/designing test methods, and conducting experiments and validating test methods and equipment.
- Assist with process development and validation of test methods, products and equipment. May be required to meet with Program and Project Managers for updates and progress reports.

- Develop test methods, production methods or implement new test equipment with minimal supervision.
- Possess a common knowledge of biomaterials and/or test equipment
- With assistance conduct research into materials, test methods or production methods.
- Keep detailed and accurate records of all experimentation according to GLP guidelines.
- Train the Biomaterials, Manufacturing and Quality Control teams as needed for new method transfer and validation.
- Conduct routine testing of R&D materials when needed.

Complexity of the job

1. Demonstrates the ability to explain ideas to all levels of technical personnel
2. Prepares technical reports, with minimal input
3. May need to interface with other departments or parts of DSM.
4. Executes projects and investigations with minimal assistance
5. Develops methods and analyzes data for cell culture based assays
6. Designs investigation and testing protocols with minimal assistance

The Ideal

- 1. Bachelor's degree (B.S.) in Biological science or equivalent with 3 to 7 years related experience and/or training in the area of cell biology or similar biological discipline.**
- 2. Hands-on experience in mammalian cell culture, cellular and protein-based method development required. Experience in biomaterial characterization a plus.**
- 3. Industry experience is NOT required but preferred. Familiarity working in GMP/GLP environment a plus.**

The Procedure and Contact

DSM's wide diversity of disciplines makes it possible to offer employees a great variety of roles throughout their career. For instance, you may start your career in an area related to your education/qualifications, but your future is what you make of it. At DSM we stimulate people to determine their own career path and we encourage international careers. We strive to be an Employer of Choice and ensure that our employees are nurtured and given the opportunity to develop their talents.

To learn more about DSM's HR vision and policy, and **apply on-line** please visit our website at www.dsm.com/careers

Please also send your cover letter and resume to shawn.liu@dsm.com if you interested.