

Scientist II Biochemistry position at BD Biosciences, Baltimore

Scientist II, Biochemistry-LIF1005S

BD is a leading global medical technology company that develops, manufactures and sells medical devices, instrument systems and reagents. The Company is dedicated to improving people's health throughout the world. BD is focused on improving drug delivery, enhancing the quality and speed of diagnosing infectious diseases and cancers, and advancing research, discovery and production of new drugs and vaccines. BD's capabilities are instrumental in combating many of the world's most pressing diseases. Founded in 1897 and headquartered in Franklin Lakes, New Jersey, BD employs approximately 28,000 people in approximately 50 countries throughout the world. The Company serves healthcare institutions, life science researchers, clinical laboratories, the pharmaceutical industry and the general public. For more information, please visit [www.bd.com](http://www.bd.com).

BD is an Equal Opportunity/Affirmative Action Employer.

## **About Us**

### **Description**

As a Research and Development associate in the BD Biosciences - Advanced Bioprocessing business, you are at the center of innovation, enabling BD and its pursuit of the company's goals - "great contributions to society, great performance and a great place to work." At BDB - AB your career opportunities are unique as you will be exposed to diverse technologies and will work cross-functionally to expand your own knowledge as you meet and exceed business goals. At BD, we take our associates' career development seriously and empower individuals to manage their development with the support of our seasoned leaders. Come be a part of our future.

This position is located in Sparks, MD. The R&D Scientist II will support technology and product development projects with their technical expertise in the areas of biochemistry, biochemical pathways and protein analysis. This position directly supports a cross-functional team working toward the design and commercialization of new cell culture media supplement products. The successful candidate will apply their biochemistry knowledge and expertise to assist in the design, development and execution of novel fractionation and other methods to isolate components from complex mixtures. In addition, the incumbent will carry out studies to analyze the impact of culture conditions on cellular metabolism and recombinant protein production, including post-translational modifications. In addition to development of new media and related products, the Scientist II may also assist in troubleshooting and optimizing existing products to implement solutions for product technical support needs.

### **DUTIES AND RESPONSIBILITIES:**

- Work independently and with other R&D associates to conceive, carry out, analyze and interpret biochemistry experiments to support research needs in the department, including fractionation of complex mixtures and analysis of studies to examine the effect of mammalian and microbial media and media supplements on cellular processes, such as growth, viability and recombinant protein expression. Based on experimental data, make recommendations for media components for existing or new formulations.
- Provide technical expertise for functional and cross-functional technology and product development activities.
- Cross-train, as appropriate, other R&D associates in biochemistry methods and separation science techniques and processes. Remain current in the technological and practical advancements in the area of applied biochemistry as it relates to the fractionation of complex mixtures and cellular processes through the literature and attending selected meetings.
- Regularly communicate plans, actions and results with their manager and other upper leadership.
- Support development of technical papers, poster and other internal/external documents and communication, as needed.

## **Qualifications**

- B.S. degree in biochemistry, separation science or related field and a minimum of two years of relevant experience. Advanced degrees are preferred. Industrial experience is highly preferred.
- Significant hands-on experience in purification methods such as filtration or liquid chromatography is required. Expertise in scale-up of preparative separations of proteins or other biomolecules, for example with HPLC equipment, is preferred.
- Experience in protein analysis methods, e.g., SDS-PAGE, protein blots, CE, IEF, protein HPLC, etc., is required. Experience with analysis of post-translational modifications such as deamidation or glycosylation is highly preferred. Experience with enzyme and binding assays is a differentiator.
- Experience with systems biology approaches to biological and biochemical analysis is preferred.
- Working knowledge of eukaryotic and prokaryotic cell culture methods and media is a differentiator.
- Excellent communication and interpersonal skills are required.
- Significant skills in the use of mainstream computer software are required.

**Job:** Life Sciences R & D

**Primary Location:** US-Maryland-Baltimore

**Shift:** First Shift / Day Job

**Relocation Available:**Yes

**Nearest Major Market:** Baltimore

**Job Segments:** Biochemistry, Biology, Biotech, Cell Biology, Cytology, Engineer, Engineering, Healthcare, Medical Device, Medical Lab, Medical Technology, Pharmaceutical, Product Development, R&D, R&D Engineer, Research, Research Scientist, Science, Scientific, Scientist, Technical Support, Technology, Telecom, Telecommunications

Looking to fill this position at the earliest.

<http://www.bd-careers.com/job/Baltimore-Scientist-II,-Biochemistry-Job-MD-21201/1256923/>

Advanced degrees preferred (postdocs may apply).

Biochemical purification and analysis experience required.