

BD, a leading global medical technology company that manufactures and sells medical devices, instrument systems and reagents, is dedicated to improving people's health throughout the world. BD is focused on improving drug therapy, enhancing the quality and speed of diagnosing infectious diseases, and advancing research and discovery of new drugs and vaccines. The Company'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, industry and the general public.

Position: Scientists – Bioinformatics (2 Positions)

The Scientist associates will support the development of cutting-edge scientific information knowledgebase to support biological screening activities.

Responsibilities:

- Conceive and develop high-performance knowledgebase querying strategies to support complex queries Implement querying strategy (via either RDF/OWL or another solution) & query API for external tools
- Develop proprietary solutions, via plugins, for improvement of the Cytoscape user interface.
- Automate updates to the knowledgebase from public databases and correction of inconsistencies.
- Review and improve knowledgebase performance as required.

Requirements:

- Master's Degree in Bioinformatics or equivalent and BS in Computer Science, Statistics or Biology
- Good knowledge in Java programming, database design/querying/integration
- Knowledge of Statistical programming (R preferred), linguistics/natural language processing & semantic web technologies will be an added advantage
- Possess strong analytical skills, excellent written & communication skills

Contact:

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