



Bioinformatics Developer/Principal Scientist

Bioinformatics, Global Research Denmark, Måløv

Are you able to extract insight from complex biological data and create computer systems to advance our science? Then this may be the job for you. We are looking for a bioinformatician with strong software development skills to join our team of informatics specialists supporting the Global Research unit in Novo Nordisk.

In Global Research, we are specialised in the discovery of biological medicines for the treatment of type 1 and 2 diabetes. We also discover and develop new innovative biopharmaceuticals for haemophilia and growth disorders. Furthermore, we conduct stem cell and beta cell regeneration research and other early-stage investigations aimed at finding a cure for diabetes, as well as exploring novel treatments for obesity and long-term, micro-vascular complications of diabetes.

About the department

The Bioinformatics department is responsible for managing, analysing and integrating biological data, such as transcriptomics, sequence, genetic and proteomics data. We are part of the early research projects where we act as bioinformatics- and data-analysis experts.

The Bioinformatics department is part of Global Research Informatics; an area consisting of 20 highly skilled individuals dedicated to using computer science to advance medical research. Together, we design, develop and operate specialized computer systems supporting the early stages of Novo Nordisk's drug research across our sites in Denmark, China and the USA.

The position

Your main task will be to develop, maintain, and use bioinformatics software to support your 1500 colleagues in Global Research. We have a long-standing tradition for developing software solutions in an agile, iterative fashion in close collaboration with wet lab scientists. It is thus important that you are able to communicate with your colleagues to understand use cases, data sources and the underlying biological questions. We expect that you are able to develop new software, algorithms and visualizations when needed, and that you have experience with creating APIs and web-services to allow easy integration of new solutions into the existing IT ecosystem. In addition to software development, the job also involves ad-hoc data analysis support and communication of results to other (non-bioinformatician) scientists in the organization.

Qualifications

You hold a PhD or MSc within natural sciences or engineering, preferably within bioinformatics. You have good analytical and interpersonal skills, and you are self-motivated with the ability to initiate, execute and deliver projects both independently and as a team-member.

Our environment is heterogeneous with Linux as O/S and Perl, JavaScript and R as the key technologies. Knowledge of C#, Oracle, and web-services is a plus, as is experience with machine learning and data integration using the resource description framework (RDF). Prior experience from a similar position in the pharmaceutical industry or

academia is of course an advantage, but new graduates are also strongly encouraged to apply given they possess relevant experience (thesis, student jobs, etc.).

At Novo Nordisk, your skills, dedication and ambition help us change lives for the better. In exchange, we offer you an opportunity to work with extraordinary talent and benefit from a range of possibilities for professional and personal development.

Contact

For further information, please contact Dennis Madsen at +45 3075 6959.

Deadline

March 1st, 2016