Janssen Post-Doctoral Fellows, Computational Biology Job

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Date: Mar 11, 2015

Location: Spring House, PA, US

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Janssen Post-Doctoral Fellows, Computational Biology-2451141211

Description

Janssen Research and Development, L.L.C., a member of Johnson and Johnson's Family of Companies, is recruiting for Post-Doctoral Fellows, Computational Biology with an emphasis in Immune-Oncology in Springhouse, PA.

Janssen discovers and develops some of the most innovative technology platforms and medicines today. We are a world leader in monoclonal antibody technology and have a strong pipeline of novel medicines in development.

At Janssen Research & Development, LLC, we are united and energized by one mission – to discover and develop innovative medicines that ease patients’ suffering, and meet the most important unmet medical needs of our time. We think of the world as our laboratory and we look for innovation wherever it exists. This drives our relentless search for the best science, and our pursuit of collaborations and partnerships. We believe there are no limits to what science can do. We are currently seeking post-doctoral candidates to join our scientific team and contribute to the mission of discovering and developing novel therapeutics.

Selected post-doctoral candidates will join a dynamic oncology drug discovery and development organization to study therapeutics that treats cancer. Candidates will have the opportunity to collaborate across the oncology and immunology discovery and translational research departments at Janssen, as well as with prominent academic labs and recognized experts studying immune modulation, genetic alterations, and novel technologies in cancer.

The area of focus for this position will be the identification and characterization of prognostic, predictive and mechanistic immune activation signatures in cancer progression.

Janssen thrives on a diverse company culture, celebrating the uniqueness of our employees and committed to
inclusion. Proud to be an equal opportunity employer.

Qualifications

Candidates must have a PhD in Computational Biology or Bioinformatics. Strong R and BioConductor programming skills are required. Working experience in Unix/Linux environment is required. Oncology and/or immunology experience is preferred. Experience with high dimensional data integration, gene expression analysis, next generation sequencing analysis, survival analysis and biological network inference is preferred. Statistical analysis experience with working knowledge of regression analysis, multivariate data analysis and linear/nonlinear mixed effects modeling is preferred. Scripting language experience (e.g. Perl or Python) is preferred. Other high level programming (e.g. Java, C++, etc.) and database (e.g. MySQL, PostgreSQL, Oracle) experience is preferred.

Candidates will be performing bioinformatics and statistical analysis, visualization and data interpretation of public and proprietary data for the Oncology Disease Area Stronghold. Candidates will use statistical and machine learning methods to identify prognostic and predictive biomarker signature of immune activity from high dimensional biological data. Candidates will integrate data from external (e.g. NCBI ENtrez, NCBI GEO, UCSC Genome Browser, TCGA/caBIG, GeneGO, Ingenuity) and internal sources in analyses. Candidates will work independently as part of a matrix organization. Candidates will communicate Bioinformatics results to computational biologists, bench scientists, clinicians and management in an appropriate biological context. Candidates must have an excellent publication record and strong written and verbal communication skills.

Please visit http://www.jnjpharmarnd.com/ for more information.

This position is located in Spring House, PA.

BE VITAL in your career; be seen for the talent you bring to your work. Explore opportunities within the Johnson & Johnson Family of Companies.

From: Gormley, Michael [JRDUS] [mailto:mgormley@ITS.JNJ.com]
Sent: Thursday, April 02, 2015 11:27 AM
To: Susan Terry; Emma C. O'Neill-Myers
Subject: Open post doctoral research position

Hello Susan and Emma,

I am a Principal Scientist in the Oncology Department at Janssen R&D. I am looking to recruit a post-doctoral fellow for an open job listing. We are looking for students with a strong education in computational biology and oncology. I have included a link to our listing. I am aware of the partnership between the University of Washington Molecular and Cellular Biology Department and the Institute for Systems Biology. This could be an excellent opportunity for a student in this program looking to explore careers in the pharmaceutical industry. Could you distribute this listing to the appropriate parties to bring it to the attention of your students? Please contact me if you have need any additional information.


Sincerely,
Michael Gormley
Principal Scientist

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