



Vaccine Informatics Postdoctoral Position Available

An NIH-funded postdoctoral research fellow position is immediately available in the area of vaccine bioinformatics for the next four years. The specific aims of this project are to develop the collaborative, community-based Vaccine Ontology (VO, <http://www.violinet.org/vaccineontology/>), to develop a VO-based natural language process (NLP) program, and to apply them to study vaccine-induced immune networks. The responsibilities of this postdoctoral position include: coordinating the project among all participants, actively participating in the VO development, helping software team to develop VO-based literature mining and network analysis tools, and investigating driving biological problems through specific use case studies.

The applicant will work in an interdisciplinary and collaborative environment. We are collaborating with experts from the National Center for Integrated Biomedical Informatics (NCIBI) at the University of Michigan, Infectious Disease Ontology (IDO), Ontology for Biomedical Investigation (OBI), Canadian Pandemic Influenza Preparedness Networks, Gene Ontology (GO), National Center for Biomedical Ontology (NCBO), etc.

We are looking for highly motivated individuals who thrive on intellectual challenges. Applicants must have a PhD degree in immunology, microbiology, bioinformatics, biostatistics, or a relevant area. Knowledge on biomedical ontology is helpful. Familiarity with literature mining and biological network simulation is a plus. Applicants should have the ability to annotate and present data, and be able to write manuscripts based on the research. Candidates with a strong academic record will be considered.

Please submit a C.V., a brief statement of research interests and background, and the names of three references (preferably by email) to the address below:

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