2 Postdoc Job Opportunities:

Applications are invited for postdoctoral researchers to work at the cutting edge of bioinformatics, immunology and epigenetics in the laboratory of Dr. Bjoern Peters at the La Jolla Institute for Allergy and Immunology, San Diego, CA. The goal of this position is to discover and characterize immune mechanisms causing diseases such as allergies and asthma or involved in combating infectious diseases such as Tuberculosis and Dengue fever. This will be based on the analysis of large-scale integrated datasets including genomic, epigenomic and transcriptomic profiles derived from human immune cells (extending findings from e.g. Seumois et al *Nature Immunology*, 2014 and Arlehamn et al *J Immunol*. 2014). This exciting work will be guided by multidisciplinary collaborations with top scientists in immunology and molecular biology at LJI including the Vijayanand, Sette, Rao and Kronenberg laboratories.

Postdoctoral fellowships are fully funded for at least 2 years.

LJI is an independent not-for-profit research institute located on UCSD campus. The institute offers a superb and broadly based research environment ranging from molecular genetics and structural biology to cellular immunology, developmental biology, studies in animal models and human clinical trials.  Many faculty members hold adjunct appointments at UCSD, and tight interactions and collaborations are in place with neighboring institutions such as the San Diego Supercomputer Center (SDSC), the Salk, Scripps, Sanford Burnham and J Craig Venter Institutes, as well as many local pharmaceutical and biotechnology companies including Illumina.

LJI was rated best place to work in a 2013 survey of postdocs by The Scientist magazine, and ranks in the top 5 institutes world wide for citation impact in immunology based on ISI.

Ideal candidates will have a Ph.D. with a strong background in bioinformatics, biostatistics, and large-scale dataset analysis, excellent communication and programming skills, and a great publication record.

Strong problem-solving skills, creative thinking, and the ability to build new software tools as needed are required. A dual background in both computation and molecular biology and in particular immunology will be a strong plus as is prior experience with sequencing analysis.

To apply, please send your CV, a brief statement of research interests, and contact information for three references to [careers@lji.org](mailto:careers@lji.org).

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