

Posting Title: Vaccinologist/ Immunologist - Vaccines Research  
Job Title: Research Fellow

### **Posting Locations**

<b>Country</b>	<b>State</b>	<b>City</b>
USA	CA	La Jolla

### **Responsibilities:**

The Vaccine CoE seeks to discover novel vaccines (prophylactic and therapeutic) for the prevention and treatment of significant human diseases (infectious diseases, oncology, CNS and Allergy and Respiratory) using a variety of vaccine technology platforms combined with immunomodulatory agents. A recognized and published vaccinologist with strong understanding of immune system induction, especially T-cell (helper and cytolytic) response, is required to join this newly established CoE. This position will help shape the overall vaccine strategy, lead the scientific prosecution of the portfolio of vaccine projects, and establish testing cascades for in vitro and in vivo molecular, cellular and animal model experimental approaches. The candidate will have command of vaccine technologies for both antigen and adjuvant design as well as vaccine delivery methods. Experience in one or all of the following areas are desirable - design of DNA or protein or peptide or viral vector or VLP vaccines (prophylactic and therapeutic), testing of vaccines in in vivo and/or humans for efficacy, and be well versed in viral/cellular immunology ex vivo and in vivo, measuring the inhibitory effects of regulatory T cells on T cell effectors, and characterization of biological adjuvants to increase immunogenicity of vaccines, strategies for breaking tolerance against self antigens. One area of emphasis at La Jolla will be cancer vaccines where familiarity with the discovery and characterization of novel tumor antigens will be the focus and used as targets for vaccination, e.g., tumor associated antigen and associated tumor associated T-cell epitopes selected for efficient induction of anti-tumor CTL response. Also, experience in the use of novel vaccine delivery methods such as cell based vaccines, protein and peptide vaccines, DNA vector based vaccines is required as is the characterization of biological adjuvants to increase immunogenicity of vaccines to induce exogenous host anti-tumor response (including cytokines). The candidate will be required to lead and direct scientists and be accountable for their project contributions and be responsible for the critical appraisal of their results. This is a laboratory based position. Please note that the managing supervisor is not yet known due to pending organizational refinements.

### **Qualifications:**

PhD or MD with 9+ years of research experience in developing prophylactic or therapeutic vaccines

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All applicants must have authorization to work for Pfizer in the U.S. In certain circumstances it may be advantageous to Pfizer to support the application(s) for temporary visa classification and/or sponsor applications for permanent residence so that a foreign national colleague can accept or remain in a work assignment in the U. S. For certain classes of temporary visas, the resulting work authorization may be specific to Pfizer and the specific job and/or work site. Pfizer may at its business discretion decide to or refrain from obtaining, maintaining and/or extending the temporary visa status and/or sponsoring a colleague for permanent residency and /or employment eligibility, considering factors such as availability of qualified U.S. workers and the colleague's long-term prospects for securing lawful permanent residence, among other reasons.

Employment applicants requiring immigration sponsorship must disclose, when initial application for employment is made, whether or not they are legally authorized to work for Pfizer in the U.S. and, if so, whether that authorization permits them to work in the job they seek. In no case should Pfizer's support of a colleagues temporary visa application or sponsorship of a colleague for permanent residence be construed to guarantee success of that application or amend or otherwise invalidate the at-will employment relationship between the colleague and Pfizer.

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