Protein Scientist Position at the Center for Macromolecular Interactions at Harvard Medical School

The Center for Macromolecular Interactions (CMI) in the department of Biological Chemistry and Molecular Pharmacology at Harvard Medical School (HMS) has a mission to enhance basic research in the HMS community by providing scientific consultation, training and access to shared biophysical instruments for the characterization and analysis of macromolecules and their complexes. The CMI will be offering yeast display antibody fragment (VHH, nanobody) selection and production services in the coming year and is looking for an enthusiastic protein scientist/combinatorial biologist to take a central role in this effort.

Job Description
(1) Establish a yeast surface display nanobody production service at the CMI. This will include developing a workflow for yeast selection, validation and nanobody production; working closely with CMI customers in completing nanobody selection and production projects; and collaborating with the lab of Andrew Kruse and others to develop next generation yeast display antibody fragment libraries.
(2) Maintain excellent records of multiple concurrent projects.
(3) Interact directly with CMI users of biophysical instrumentation by providing training and advice, especially in the area of protein production, protein purification and yeast display.
(4) Assist the CMI Core Director in managing the facility.

Qualifications
Ph.D. in a field related to protein biochemistry, cell biology, or structural biology with expertise in protein production and purification. Yeast surface display, protein engineering, and/or antibody production experience, preferred. Experience operating and maintaining laboratory instrumentation. Proficiency operating biophysical instrumentation including equipment for SPR, BLI, ITC, MST, CD, DSF, and/or light scattering is a plus. Excellent communication and interpersonal skills with attention to detail. The candidate should be highly motivated, detail-oriented, and have the ability to work independently and to collaborate with a diverse group of core staff and users.

To apply please submit a cover letter and CV to the director, Dr. Kelly Arnett, at cmi@hms.harvard.edu. Additional information about the CMI can be found at the core website (http://cmi.hms.harvard.edu).

In accordance with the Immigration Reform and Control Act of 1986, all new employees must provide documentation establishing their identity and employment eligibility.

EEO Statement
We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, sex, gender identity, sexual orientation, religion, creed, national origin, ancestry, age, protected veteran status, disability, genetic information, military service or other protected status.