

Structural Biologist – Computational Biologist - Brigham and Women's Hospital

The Division of Gastroenterology, Hepatology and Endoscopy, Department of Medicine at Brigham and Women's Hospital seeks a PhD level recognized structural biologist with computational biology expertise who has published peer-reviewed first author scientific papers and authorships of protein data bank/NMR entries in CEACAM1, T cell inhibitory and mucin domain-3 containing proteins, and FcRn receptors, with a minimum of 5 years of post-doctoral experience.

Applicant should have a strong commitment to developing solutions to major unmet needs and must have significant experience in structural and biophysical approaches including x-ray crystallization, NMR spectroscopy, and small-angle X-ray scattering (SAXS). Proficiency in cloning, protein expression, protein purification, and characterization of protein-nucleic acid complexes using a variety of biophysical methods (for example: BIAcore, ITC, AUC, DLS and MST). Direct experience and access to national synchrotron sources such as Advanced Photon Source (APS) Argonne, IL, USA, National Synchrotron Light Source- II (NSLS-II), Upton, NY, USA) is necessary. Research experience in cryo-electron microscopy (cryo-EM) and single-molecule biophysics is desirable, however not required. This is a full-time position and involves teaching and training incoming prospective students or post-docs with all the aspects of structural biology techniques. Academic rank at Harvard Medical School (HMS) will be Instructor, and salary is commensurate with qualifications and experience. Interested applicants should send their CV to: Richard Blumberg, MD (rblumberg@bwh.harvard.edu), Division of Gastroenterology, Hepatology and Endoscopy, Brigham and Women's Hospital, 77 Avenue Louis Pasteur, Boston, MA 02115-6195.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, pregnancy and pregnancy-related conditions or any other characteristic protected by law.