

New Postdoc Position Available from April 2009

Number of Positions Open: 1

Project: Biomarker Discovery and Molecular Pathogenesis of Inflammatory Bowel Disease (IBD) and Other Autoimmune Diseases. IBD is chronic and frequently disabling intestinal inflammatory disorders that affect more than a million Americans. It has a prevalence of ~0.2% of the Western population. In spite of intense researches, the pathogenesis of IBD is still elusive, and there is no cure for IBD. Moreover, current diagnosis and prognosis of IBD are primarily dependent on resource-intensive and expensive endoscopy through various state-of-art technologies, including high-throughput proteomic technology and multiplex ELISA, we have recently identified multiple interesting and potentially high-value protein/antibody candidates that may be developed as diagnostic and or prognostic biomarkers for IBD. Qualified postdoc will use biochemical and molecular approaches to identify the role of several selected proteins in chronic inflammation, including siRNA knockdown in cell models and gene knock-out/knock-in in mouse models.

Requirements: Applicants must hold an MD or Ph.D. MDs must have at least one year (but no more than 4 years) documented research experience (ie, publications). Strong background/experience in molecular biology, immunology, protein biochemistry (particularly protein-protein interaction), siRNA interference, and mouse transgenic and handling, is a big plus, but not a necessity. **Applicant must be a US citizen or a permanent resident.** *Only highly qualified, self-motivated and competitive candidates are encouraged to apply.* An updated CV, a short applicant's description for his/her career goal, and contact information of three references, should be sent directly, through e-mail attachments or Fax, to:

Dr. Xuhang Li
Assistant Professor in Medicine
GI Division, Department of Medicine
Johns Hopkins University School of Medicine
746 Ross Research Bldg, 720 Rutland Ave.
Baltimore, MD 21205
e-mail: Xuhang@jhmi.edu
Tel: 443-287-4804
Fax: 410-955-9677