A Postdoctoral Fellow position is available in the Research Lab of Department of Pediatrics Gastroenterology at the University of Texas Health Science Center at Houston Medical School [http://med.uth.edu/pediatrics/divisions/gastroenterology/](http://med.uth.edu/pediatrics/divisions/gastroenterology/).

We are seeking a highly motivated, organized and enthusiastic Postdoctoral Research Fellow to study the immune modulatory mechanisms of probiotic Lactobacillus reuteri (L. reuteri) strains in regulating intestinal inflammation. Current goals include: 1) Determining whether L. reuteri strains facilitate the generation of tolerogenic dendritic cells (DCs) via Toll-like receptors (TLR) to impact T cell differentiation during intestinal inflammation; 2) Demonstrating the critical function of regulatory T cells (Tregs) during L. reuteri-mediated attenuation of intestinal inflammation; 3) Determining the role of L. reuteri-conditioned Tregs in the inflamed gut compared to conventional Tregs; and 4) Investigating how L. reuteri strains change the microbiome and metabolomics.

Current projects will use mouse models of necrotizing enterocolitis (NEC), TLR-KO, and immunodeficiency, and we will utilize immunological, cell and molecular biological approaches. Applicants with a Ph.D., M.D. or equivalent and a strong background in Immunology and Molecular Biology are highly encouraged to apply. Salary and benefits are commensurate with relevant experience. Review of applications will continue until the position has been filled.

Earliest Start Date: September 2014
Funding: R01 NIH/NCCAM

Please send your CV, statement of research interests, and the name/email address of three references to:

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