



### Postdoctoral Position

A Postdoctoral Fellowship position is available in the Department of Cell, Developmental and Integrative Biology (CDIB) at the University of Alabama at Birmingham (UAB). The Ramanadham is focused on the role of lipid signaling in diabetes development. We utilize cell culture, rodent, and human models and apply a variety of approaches (biochemistry, protein, molecular biology, omics) to understand the mechanisms involved in islet beta-cell dysfunction and death. A **POSTDOCTORAL POSITION** is available to study the role of lipid signals in the progression of T1D. The position is available for a minimum period of two years. A major requirement will be expertise in molecular biology approaches and experience with CRISPR technology. The applicant will also be expected to have working knowledge of animal work (genotyping, islet and immune cells isolation); *in vivo* analyses (glucose tolerance and insulin sensitivity); *in vitro* assays with beta-cells and immune cells; Western blotting; immunofluorescence analyses; and proficiency with RT-qPCR protocols. Candidates with a Ph.D. and background in these areas and in diabetes-related research are encouraged to apply. The position is available immediately and salary will be commensurate with NIH pay scale.

Please send curriculum vitae and names of three references to: **Dr. Sasanka Ramanadham, Professor CDIB, Senior Scientist in Comprehensive Diabetes Center, University of Alabama at Birmingham, 1825 Univ. Blvd., Birmingham, AL 35294. Telephone, 205-996-5973; Fax, 205-996-5220 [sramvem@uab.edu](mailto:sramvem@uab.edu)**