Title: Postdoctoral Position  
Institution: TMHRI  
Location: Houston, TX

PI: Dr. Roger Sciammas

The Immunobiology and Transplant Research Program within the Systems Medicine and Bioengineering Department at THMRI consists of a multidisciplinary group of scientists involved in understanding basic immunologic mechanisms and how they pertain to transplant rejection and tolerance. The newly established lab of Roger Sciammas is inviting applications for post-doctoral positions.

US: We study gene function in B cells of the immune system that control antibody responses. We use genetic, molecular, and cellular approaches to understand the control of distinct phases of the B cell response that ultimately lead to the secretion of antibody. Multiple projects in the laboratory are focused on quantitatively examining the immune system of mutant mice in response to immunization and transplantation. These projects have the potential to illuminate new control points, i.e. “switches” that guide the B cell response. We recently published one such switch in Immunity. It is expected that our research will lead to novel approaches to manipulate the B cell response in transplantation.

YOU: Enterprising and motivated to publish the results of your research in which you have invested a great deal of time, effort, and thought. You are creative, logical and ready to take on a challenge. Although your background may not be in immunology, you possess a strong basic understanding of biological processes and are trained in a wide range of technical areas accompanied with strong troubleshooting skills.

Required Qualifications:
• Recent Ph.D. award in a biological discipline such as, but not limited to, Immunology  
• Creative and motivated  
• Expert molecular, biochemical, and cell biology experience, including tissue culture  
• Expert flow cytometry research experience  
• Advanced mouse handling techniques  
• Excellent organizational skills (time + multi-tasking)  
• Publications from doctoral work  
• Applicants with US citizenship or green card holders

Preferred Qualifications:
• Ability to learn and adapt new techniques as well as to quickly adjust to changes  
• Large data analysis

TMHRI is situated in the Texas Medical Center (TMC) campus, in downtown Houston, along with MD Anderson and Baylor enabling diverse and advantageous interactions.


To apply: Interested/Qualified candidates should contact me, rsciammas “at” houstonmethodist.org, along with a CV and description of your research accomplishments.