



Conditions Treated:

Research Areas:

- *Autoimmunity*
- *Immune Tolerance*
- *Immunotherapeutic Development*
- *Intra-vital Imaging*
- *Mononuclear Phagocytes*
- *Pancreatic Islets*
- *T cells*
- *Type 1 Diabetes*

Programs & Services:

- *Department of Immunology and Genomic Medicine*

We are interested in understanding how the immune system is dynamically regulated through cellular interactions and environmental cues. Using methods including in vivo microscopy and flow cytometry our goals are to elucidate mechanisms of immune activation and tolerance in autoimmunity, with the goal of developing therapeutic approaches for regulating the immune response.

- Immune dynamics and interactions at the autoimmune disease site during type 1 diabetes
- Development of therapeutic for antigen-specific tolerance induction

Education

Brown University, Providence, RI, AB Biology
2002 - University of California San Francisco, San Francisco, CA, PhD, Biomedical
2007 Sciences

Fellowship

2007 - University of California San Francisco, San Francisco, CA, Postdoctoral,
2011 Immunology

Affiliations with the University of Colorado Denver

Associate Professor, Department of Immunology & Microbiology

Awards & Recognition

2012 - 2017: Career Development Award, JDRF.
2012: Junior Faculty Award, American Diabetes Association.

2017: Outstanding Junior Faculty, Biomedical Research, National Jewish Health.

Doctor's Contact Information

Office: 303.270.2558