



## 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**

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**Locations**

National Jewish Health Main Campus

1400 Jackson St.

Denver, CO 80206