



- *Instructor of Medicine*
- *Division of Pulmonary, Critical Care & Sleep Medicine*
- *Department of Medicine*

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#### Conditions Treated:

#### Research Areas:

- *Human Macrophage Biology*
- *Human Lung Structure*
- *Design-based Stereology*
- *Advanced Microscopy*

#### Programs & Services:

- *Rose Medical Center Critical Care Service*
- *Department of Medicine*
- *Division of Pulmonary, Critical Care and Sleep Medicine (Adult)*

#### Research Interests

My research focus is to understand the repair and remodeling which occurs in the lungs in response to long-term cigarette smoke exposure. I am particularly interested in understanding the role which pulmonary macrophages play in determining the body's response to cigarette smoke exposure. We utilize advanced microscopy to understand the location of macrophages in human lungs to determine how cell location influences function.

#### Clinical Interests

My clinical interest is treating inpatients with critical illness.

#### Board Certification

2016: Internal Medicine  
2018: Pulmonary Medicine  
2019: Critical Care Medicine

#### Education

2001 - 2005 University of Colorado, Boulder, BS, Chemical Engineering  
2005 - 2013 University of Colorado, Denver, Combined MD, PhD program

#### Residency

2013 - 2016 Brigham and Women's Hospital, Internal Medicine

#### Fellowship

2016 - 2020 University of Colorado, Anschutz Medical Campus, Pulmonary & Critical Care

### **Affiliations with the University of Colorado Denver**

Instructor of Medicine, University of Colorado, Anschutz Medical Campus

### **Professional Memberships**

American Thoracic Society

### **Awards & Recognition**

2018: Reuben. M. Cherniak Fellow, National Jewish Health

2013: Gold Headed Cane Award, University of Colorado, Anschutz Medical Campus

2005: American Chemical Society Most promising researcher, University of Colorado, Boulder

### **Doctor's Contact Information**

Office: 877.225.5654

### **Locations**

National Jewish Health Main Campus  
1400 Jackson St.

Denver, CO 80206

Saint Joseph Hospital  
1835 Franklin Street

Denver, CO 80218