



- Professor
- Catherine Kramer Foundation Scientist
- Division of Pediatric Allergy & Clinical Immunology
- Department of Pediatrics

---

#### Conditions Treated:

- Allergic Rhinitis (Hay Fever)
- Anaphylaxis
- Allergy and Lung Disease Related GI Conditions
- Allergic Rhinitis (Pediatric)

#### Research Areas:

- Cellular and Molecular Biology
- Gastroesophageal Reflux and Lung Disease
- Inflammation
- Innate Immunity
- Lung Cell Biology

#### Programs & Services:

- National Jewish Health for Kids / Pediatric Programs
- Allergy & Asthma Program (Pediatric)
- Division of Pediatric Allergy & Clinical Immunology
- Asthma Treatment Programs (Pediatric)

Dr. Bratton's clinical and research interests span the areas of cellular and molecular mechanisms in allergy, asthma, innate immunity, and inflammation. Her laboratory investigates endogenous signals for the resolution of inflammation, including lipid mediators and signals generated by dying inflammatory cells, with the goal of exploiting such signals therapeutically in inflammatory conditions.

#### Board Certification

National Board Certification  
Pediatric Board Certification - Written exam  
Colorado Medical License  
Pediatric Board Certification - Oral exam  
Academy of Allergy/Immunology Board

#### Education

1976 - 1980 Vanderbilt University Medical School (Nashville, TN), MD

#### Residency

1980 - 1983 Vanderbilt University (Nashville, TN), Intern and Resident: Pediatric

#### Fellowship

1983 - 1984 Vanderbilt University (Nashville, TN), Neonatology  
1984 - 1987 National Jewish Health for Immunology, Allergy/Immunology

#### Affiliations with the University of Colorado Denver

Professor, University of Colorado Denver

#### Publications

Fernandez-Boyanapalli R, Goleva E, Kolakowski C, Min E, Day B, Riches DWH, Bratton DL\*, Sutherland ER\*. Obesity impairs apoptotic cell clearance in asthma. *J Allergy Clin Immunol*. Accepted 2012.

Frasch SC, Bratton DL. Emerging roles for lysophosphatidylserine in resolution of inflammation. *Prog Lipid Res*. 2012 Jul;51(3):199-207. Epub 2012 Mar 29. PMID: 22465125 [PubMed - in process] PMCID: PMC3365616 [Available on 2013/7/1]

Bratton DL, Henson PM. Neutrophil clearance: When the party's over, cleanup begins. *Trends Immunol*. 32(8):350-7. Epub. Doi: 10.1016/j.it.2011.04.009. 2011.

Frasch SC, Fernandez-Boyanapalli RF, Berry KZ, Leslie CC, Bonventre JV, Murphy RC, Henson PM, Bratton DL. Signaling via macrophage G2A enhances efferocytosis of dying neutrophils by augmentation of Rac activity. *J Biol Chem*. 286(14):12108-22, 2011. Epub 2011 Feb 4. PMID: 21297111

Fernandez-Boyanapalli R, Frasch SC, Riches DWH, Vandivier RW, Henson PM, Bratton DL. PPAR {gamma} activation normalizes resolution of acute sterile inflammation in murine chronic granulomatous disease. *Blood*. Nov 25;116(22):4512-22, 2010 PMID: 20693431

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

Office: 877.225.5654

#### **Locations**

National Jewish Health Main Campus  
1400 Jackson St.

Denver, CO 80206