

Dr. Donna Bratton is a pediatric allergy & immunology researcher focused on cellular and molecular mechanisms in allergy, asthma, immunity and inflammation.

[Professor](#)

[Catherine Kramer Foundation Scientist](#)

[Division of Pediatric Allergy & Immunology](#)

[Department of Pediatrics](#)

Programs and Services

- [Asthma Treatment Programs \(Pediatric\)](#)

Specialties & Conditions

- [Allergic Rhinitis \(Hay Fever\)](#)
- [Allergic Rhinitis \(Pediatric\)](#)
- [Allergy \(Pediatric\)](#)
- Allergy and Lung Disease Related GI Conditions
- [Anaphylaxis](#)
- [Asthma \(Pediatric\)](#)
- [Eczema \(Atopic Dermatitis\) \(Pediatric\)](#)
- [Food Allergy \(Pediatric\)](#)

Research Areas

- [Asthma \(Pediatric\)](#)
- Cellular and Molecular Biology
- Gastroesophageal Reflux and Lung Disease
- Inflammation
- Innate Immunity
- Lung Cell Biology

Special Interests

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

Education

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

Residency

1980 - 1983 Vanderbilt University (Nashville, TN)

Fellowship

1984 - 1987 National Jewish Health for Immunology

1983 - 1984 Vanderbilt University (Nashville, TN)

Academic Affiliations

Professor, University of Colorado Denver

Publications

Fernandez-Boyanapalli R, Goleva E, Kolakowski C, Min E, Day B, Riches DWH, BrattonDL*, 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

Contact Information

- Office: 877.225.5654

Locations

National Jewish Health Main
Campus
1400 Jackson Street
Denver, CO 80206