

Juan Carlos Cardet, MD, MPH

University of South Florida, Morsani College of Medicine, Tampa, Florida

Address

13801 Bruce B. Downs Blvd, Suite 505, Tampa, FL 33613
Office: 813.631.4024 ext. 200
Cellular: 617.396.1140
Email: jcardet@usf.edu

Citizenship

U.S. Citizen

Education

Harvard School of Public Health, MPH 2017	2015- 2017
University of Puerto Rico School of Medicine, MD 2008, Magna Cum Laude	2004- 2008
Harvard University, Biology, BA 2004, Cum Laude	2000- 2004

Postgraduate Training

Graduate Student: Harvard School of Public Health, Boston, MA	07.2015- 06.2017
Research/Clinical Fellow: Brigham and Women's Hospital, Rheumatology, Immunology & Allergy Division, Boston, MA	07.2011- 06.2014
Resident in Internal Medicine: University of Connecticut, Hartford, CT	07.2009- 06.2011
Resident in Internal Medicine (Internship): University of Puerto Rico, San Juan, PR	07.2008- 06.2009

Board Certifications: American Board of Internal Medicine

Allergy & Immunology Certification (active)	2014
Internal Medicine Certification (active)	2011

Medical Licenses:

Florida (active)	2017
Massachusetts (inactive)	2011

Awards, Honors, Honorary Society Memberships

Maxwell O. Phelps, M.D. award for scholarship, University of Connecticut	2011
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Hartford Hospital Outpatient Clinic resident of the year award, University of Connecticut	2011
American Academy of Allergy, Asthma and Immunology Fellow-in-Training Abstract Award--Environmental and Occupational Respiratory Diseases Interest Section, Brigham and Women's Hospital	2014
Medical Heroes Award, Department of Internal Medicine, Morsani College of Medicine, University of South Florida	2017
Creative Scholarship Award, Research and Innovation, University of South Florida	2019
Appointments (academic, administrative, hospital, other)	
Assistant Professor, Division of Allergy and Immunology, Department of Internal Medicine, Morsani College of Medicine, University of South Florida	07.2017-Present
Associate Physician, Active Staff, Tampa General Hospital	10.2017-Present
Instructor in Medicine, Harvard Medical School	07.2014-06.2017
Associate Physician, Active Staff, Brigham and Women's Hospital	07.2014-06.2017
Major Administrative Leadership Positions	
Local	
Assistant Director of the Asthma Research Center, Pulmonary Medicine, Brigham and Women's Hospital, Boston, MA	7.2014-06.2017
Representative for Internal Medicine, Faculty Council of the Morsani College of Medicine, University of South Florida, Tampa, FL	10.2017-08.2019
Supervisor, Allergy and Immunology Fellowship Research progress committee, Byrd Alzheimer's Center and Research Institute, University of South Florida, Tampa, FL	07.2019-Present
Fellowship Application Reviewer, Dorothy Benjamin Graduate Fellowship Committee, Byrd Alzheimer's Center and Research Institute, University of South Florida, Tampa, FL	11.2020-Present
Co-chair of the annual Allergy and Immunology symposium, January 20-21st, 2022, University of South Florida, Tampa, FL	11.2021-Present
National	
Investigator, Asthma Research Network (AsthmaNet), National Heart Lung Blood Institute (NHLBI), National Institutes of Health (NIH) Bethesda, MD	07.2017-12.2019

Investigator, Severe Asthma Research Program (SARP), National Heart, Lung, Blood Institute (NHLBI), National Institutes of Health (NIH) Bethesda, MD	07.2014- Present
Investigator, ALA Airways Clinical Research Centers (ALA-ARC), American Lung Association	07.2017- Present
Investigator, Precision Intervention for Severe and/or Exacerbation Prone Asthma (PrecISE) Network, National Heart Lung Blood Institute (NHLBI), National Institutes of Health (NIH), Bethesda, MD	07.2017- Present
Abstract and section reviewer, Asthma Diagnosis and Treatment interest sections, American Academy of Allergy, Asthma and Immunology (AAAAI)	07.2018- Present
Abstract reviewer, Allergy, Immunology & Inflammation Assembly, American Thoracic Society (ATS)	07.2020- Present
Participant, AAAAI Leadership Institute Course, American Academy of Asthma, Allergy Immunology	02.2021- Present

Professional Societies and Memberships

Member, American College of Physicians (ACP)	2008- Present
Member, American Academy of Allergy, Asthma, and Immunology (AAAAI)	2011- Present
Member, American College of Allergy, Asthma and Immunology (ACAAI)	2011- Present
Member, American Thoracic Society (ATS)	2015- Present
Member, Florida Allergy, Asthma & Immunology Society (FAAIS)	2021- Present
Fellow, American College of Allergy, Asthma and Immunology (FACAAI)	2021 – Present
Member, AAAAI Cells and Mediators of Allergic Inflammation Committee	2022 – Present

Editorial Activities:

Reviewer board member for the Journal of Allergy and Clinical Immunology

Ad hoc reviewer:

American Journal of Respiratory and Critical Care Medicine

Annals of Allergy, Asthma and Immunology

Annals of the American Thoracic Society

Asthma Research and Practice

Chest

Clinical Science

Journal of Comparative Effectiveness Research
Journal of Allergy and Clinical Immunology: In Practice
Journal of Allergy and Clinical Immunology: Global
Respiratory Research
Scientific Reports
The Lancet Respiratory Medicine

Teaching, Lecture

(Undergraduate Medical UME, DPT, PA, Pharm)
Graduate Medical (residents, fellows)
Hospital)

Internal Medicine, College of Nursing, (NGR 207) 1 st year Nurse Practitioner students in their 2 nd clinical course. "Asthma: Diagnosis and Treatment", 1.5-hr lectures, Fall 2021 semester, University of South Florida	2021
Internal Medicine Resident Didactics Lecturer, "Asthma Diagnosis and Classification", four 1-hr lectures, Fall 2018 semester, University of South Florida	2018
Patient Doctor II (IN761.23), Evaluator, 2 nd -year medical student, 4 hours per session, 1 session, Harvard Medical School	2015
Patient Doctor II (IN761.23) Evaluator, 2 nd -year medical student, 2 hours per session, 1 session, Harvard Medical School	2014
Lecturer for Advanced Medical Spanish Course for 1 st year medical students, University of Connecticut	2011

Teaching, Supervisory

(Clinical supervisory and training responsibilities
Laboratory or other research supervisory, training
Formally supervised trainees
Formal teaching of peers (e.g., CME, other continuing education))

I am mentoring a senior year pulmonary fellow (Israel Ugalde, DO) on a project that investigates the impact on asthma outcomes from and preferences for telehealth vs in-person appointments among Black and Latinx adults with moderate to severe persistent asthma. He contributed to our successful ACAAI foundation grant for this project, for which we have now submitted its abstract for the ACAAI 2022 annual meeting. I guided him on successfully presenting to the PREPARE publications committee for approval for multiple components of this project (qualitative analysis of asthma outcomes, survey study on patient preferences for telehealth vs in-person visits). I am guiding him on working with the telehealth working group,

which has among its members the president of the American Academy of Allergy, Asthma, and Immunology (AAAAI), and other internationally renowned investigators in clinical asthma research, which will serve him well should he pursue a career in academic medical research.

I mentored a senior Internal Medicine resident (Prajwal Dara, MD) in an ancillary study of the PREPARE trial, which investigates differences in asthma morbidity outcomes between Latinx subgroups of adults with moderate to severe persistent asthma. Dr. Dara has helped formulate the problem, generate the hypotheses, define the study variables and statistical analysis plan, work with statisticians and others in the working group to review, analyze, interpret and present the data. This work has been accepted for publication with the Journal of Allergy and Clinical Immunology and chosen for the research highlights section.

I meet with the Allergy and Immunology fellows on a monthly basis to review their progress in their fellowship research projects, troubleshoot any issues, and provide general research or career mentorship and advice.

I regularly teach Allergy and Immunology fellows and Internal Medicine residents through research and clinical presentations for the AI fellowship morning meetings, the Pulmonary Division noon conferences, the noon conferences of the TGH Internal Medicine residency program, the annual Allergy and Immunology bootcamp session, and the annual USF Allergy and Immunology Symposium at CAMLS.

I regularly teach Allergy and Immunology fellows in the context of in-patient consults.

Lectures by Invitation (international, national, regional, local)

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| “Microbial metabolites of plant-derived lignans and isoflavones are inversely associated with asthma and wheezing”, Brigham and Women’s Hospital’s Asthma Collaborative Research Group Meeting | 2014 |
| “ALendronate for Asthma (ALfA)-- A proof of concept study targeting farnesylation to boost LABA-induced bronchoprotection”, Dr. Jeffrey Drazen Visiting Professorship Lecture, Brigham and Women’s Hospital | 2014 |
| “Aspirin-Exacerbated Respiratory Disease (AERD): Clinical clues for diagnosis and management”, Internal Medicine Grand Rounds, University of Puerto Rico | 2014 |
| “Prednisone-dependent, refractory asthma”, Difficult cases session, Monday AM conference of the Allergy and Immunology fellowship program, Brigham and Women’s Hospital | 2015 |
| “Asthma in the Elderly”, Asthma Educators Annual Course “In-Depth Exploration of Selected Topics in Asthma”, Brigham and Women’s Hospital Asthma”, Brigham and Women’s Hospital | 2015 |

“Autoimmune manifestations of Common Variable Immunodeficiency”, Difficult cases session Monday AM conference of the Allergy and Immunology fellowship program, Brigham and Women’s Hospital	2016
“Relationship between a diet-derived gut microbiomal metabolite and asthma”, MIT Cambridge Science Festival, Brigham and Women’s Hospital	2016
“Enterolactone and Asthma”, Pulmonary Grand Rounds, University of Pittsburgh	2016
“Aspirin-Exacerbated Respiratory Disease (AERD): Clinical clues for diagnosis and management”, Internal Medicine Grand Rounds, University of Puerto Rico	2016
“Enterolactone and Asthma”, Allergy and Immunology Research Conference, University of South Florida	2016
“Urticaria and angioedema”, AM conference of the Allergy and Immunology fellowship program, University of South Florida	2017
“Asthma: phenotypes, and guidelines for diagnosis and management”, Internal Medicine Grand Rounds, University of South Florida	2017
“Enterolactone and Asthma”, Pulmonary and Critical Care Research Conference, Wake Forest University	2017
“Enterolactone and Asthma”, Allergy and Immunology Research Conference, University of North Carolina	2017
“The Role of Alendronate in Asthma” Symposium: NHLBI’s Clinical Asthma Research Network (AsthmaNet)’s Approach to Key Asthma Questions in Children and Adults, American Academy of Allergy, Asthma, and Immunology 2017 Annual Meeting, Atlanta, GA	2017
“The Role of Alendronate in Asthma” Symposium: NHLBI’s (AsthmaNet)’s Clinical Trial Results, American Thoracic Society 2017 Annual Meeting, Washington, DC	2017
“Urticaria and angioedema”, Noon conference of the Internal Medicine residency program, University of South Florida	2018
“Design of a pragmatic trial for the treatment of asthma in minority populations”, Asthma Grand Rounds, Montefiore Medical Center, Albert Einstein College of Medicine	2018
“Aspirin-Exacerbated Respiratory Disease (AERD): Clinical clues for diagnosis and management”, Conference given at the annual meeting of the Florida Allergy, Asthma, and Immunology Society, in Orlando, FL	2018
“Asthma endotypes and phenotypes”, “Asthma biomarkers”, and “Biologic therapies for asthma”, Three conferences given at the annual meeting of Ecuadorian Pulmonary Society in Guayaquil, Ecuador, August 9-13, 2018	2018

"The PeRson EmPOwered Asthma Relief (PREPARE) study: Empowering patients to improve their control", Plenary session of the Patient-Centered Outcomes Research Institute (PCORI) annual meeting	2018
"Asthma phenotypes and endotypes", University of South Florida Annual Allergy and Immunology symposium	2019
"Urticaria and angioedema", Noon conference of the Internal Medicine residency program, University of South Florida, April 2019	2019
"Urticaria and angioedema", Noon conference of the Internal Medicine residency program, University of South Florida, October 2019	2019
"Aspirin-Exacerbated Respiratory Disease (AERD): Clinical clues for diagnosis and management", Grand Rounds given at Orlando Regional Medical Center in Orlando, FL, July 25, 2019	2019
"Clinical approach to very severe asthma and changes from the previous ERS-ATS task force guidelines", Plenary session given at the annual meeting of the European Respiratory Society in Madrid, Spain, September 29, 2019	2019
"Exercise-induced Bronchoconstriction", University of South Florida Annual Allergy and Immunology Symposium	2020
"Asthma diagnosis and management", Noon conference of the Internal Medicine residency program at Tampa General Hospital, University of South Florida, July 2020	2020
"Biologics for allergists-immunologists", AM conference of the Allergy and Immunology fellowship program, University of South Florida, September 9, 2020	2020
"Genetic variation in Regulators of G Protein Receptor Signaling and severe asthma", AM conference of the Allergy and Immunology fellowship program, University of South Florida, October 1, 2020	2020
"Research in Progress and opportunities for fellows", Noon conference for University of South Florida Pulmonary Division, December 17, 2020	2020
"Genetic variation in Regulators of G Protein Receptor Signaling and severe asthma", invited conference presented at the American Lung Association's Airways Clinical Research Centers' Early Career Investigators' Seminar series, January 19, 2021	2021
"Glucagon-like Peptide-1 Receptor Agonists for asthmatic patients with comorbid DM2", Literature review for AM conference of the Allergy and Immunology fellowship program, University of South Florida, March 15, 2021	2021
"Career panel discussion for Brigham and Women's Hospital's Allergy and Immunology Fellowship", April 7, 2021	2021

"CXCR3 and CCR5 in type 1 inflammation in severe asthma", Literature review for AM conference of the Allergy and Immunology fellowship program, University of South Florida, July 15, 2021	2021
"Cytokines in Atopic Diseases: asthma, allergic rhinitis, and atopic dermatitis", USF Allergy and Immunology annual symposium, January 20 th 2022	2022
"Monoclonal Antibodies for the treatment of severe asthma", USF Allergy and Immunology annual symposium, January 20 th 2022	2022
"Biomarkers for allergic diseases", USF Allergy and Immunology annual symposium, January 21 st 2022	2022
"Regulation of IL33 and HMBG1 by P2Y13 in the development and exacerbation of asthma", Literature review for AM conference of the Allergy and Immunology fellowship program, University of South Florida, January 31 st , 2022	2022
"Asthma diagnosis and management", Grand Rounds of the Sarasota Memorial Hospital, February 2022	2022
"Social determinants of health in asthma", invited presentation for the University of Illinois-Chicago, Division of Allergy and Immunology, February 2022	2022
"Asthma diagnosis and management", didactic conference for nurse practitioner students, University of South Florida, February 2022	2022
"Moving Beyond Misperceptions of Asthma Control and Stepping Towards Personalized Care", Non-CME Educational Program sponsored by GSK during the American Academy of Allergy, Asthma, and Immunology 2022 annual meeting	2022
"Emerging and Existing Biomarkers in Asthma Diagnosis and Management", In-Person Seminar presented at the American Academy of Allergy, Asthma, and Immunology 2022 annual meeting	2022
"Cytokines and biomarkers for allergic diseases: asthma, allergic rhinitis, and atopic dermatitis", Internal Medicine Grand Rounds, virtual presentation, March 24 th , 2022	2022
"Additional outcomes from the PREPARE trial", presented at the annual PCORI-PREPARE trial investigators' meeting, Boston, Massachusetts, April 11 th , 2022	2022
"Social Determinants of Health in Asthma and a Low-Cost Intervention that Reduces Asthma Exacerbations in Black and Latinx Adults with Moderate to Severe Asthma", presented at the Florida Asthma Coalition's annual virtual summit, June 24 th , 2022	2022
"The PREPARE Study: Successfully Reducing Asthma Attacks and Improving Asthma Control in Black and Latinx Adults with Moderate-Severe Asthma", presented at the Massachusetts Asthma Educators' Collaborative Webinar, June 27 th , 2022	2022
"Catalyst for Change in Severe Asthma and Eosinophilic diseases.", Nexus Live 2022, GSK presented London, UK, Collaborative Lecture, June 17-18 th , 2022	2022

“Asthma diagnosis, differential diagnosis, and treatment” Allergy and Immunology Fellows’ Bootcamp, University of South Florida, July 23 rd , 2022	2022
“Biologics for allergists-immunologists”, AM conference of the Allergy and Immunology fellowship program, University of South Florida, Sept 7 th , 2022	2022
“Asthma diagnosis, differential diagnosis, and treatment” didactic conference for nurse practitioner students, University of South Florida, July 23 rd , 2022	2022
“Biologics for Asthma” didactic conference for Pulmonary fellows, University of South Florida, October 10 th , 2022	2022
“Asthma diagnosis, assessment, and initial treatment”, didactic noon lecture for USF Internal Medicine at the VA, November 8 th , 2022	2022

Clinical Activities or Innovations (specialty certification, professional licenses, practice activities, clinical innovations, technical and other scientific innovations)

Ambulatory and inpatient consults as part of a preliminary year in Internal Medicine Residency training, University of Puerto Rico	2008-2009
Ambulatory and inpatient consults as part of the Internal Medicine Residency training, University of Connecticut	2009-2011
Ambulatory and inpatient consults as part of the Allergy and Immunology Fellowship training, Brigham and Women’s Hospital, Harvard Medical School	2011-2014
Ambulatory and inpatient consults in allergy and immunology as an Associate Physician at Brigham and Women’s Hospital, Instructor in Medicine at Harvard Medical School	2014-2017
Ambulatory and inpatient consults in allergy and immunology, Tampa General Hospital, weekly	2017-present

Scholarly Activity (grant history)

A) Current Grants

Agency: NIH/NIAID
 I.D.# K23 AI125785
 Title: “Enterolactone and asthma”
 P.I.: Juan Carlos Cardet, MD
 Percent effort: 75%
 Direct costs per year: \$178,555
 Total costs for project period: \$969,931
 Project period: 02/15/2017 – 01/31/2022, no cost extension until 01/31/2023

Agency: Patient-Centered Outcomes Research Institute (PCORI)
I.D.# PCS-1504-30283
USF subaward 114218 (sponsor: Brigham and Women's Hospital)
Title: "PeRson EmPOWERed Asthma Relief (PREPARE) trial"
P.I.: Elliot Israel, MD
Percent effort: 10%
Direct costs per year: \$23,551
Total costs for project period: \$107,525
Project period: 01/01/2018 – 03/31/2022, no cost extension until 03/31/2023

Agency: NIH/NHLBI
ID#: UG1 HL139124
USF subaward 118345 (sponsor: Brigham and Women's Hospital)
Title: "PATINA - Precision administration of treatment in neutrophilic severe asthma"
P.I.: Elliot Israel, MD
Role on Project: Co-investigator
Percent effort: 5%
Direct costs per year: \$16,527
Total costs for project period: \$65,888
Project period: 07/01/2018 – 06/30/2023

Agency: NIH/NHLBI
ID#: U24 HL138998
USF subaward 5117256-H3SFLTAMPA (sponsor: University of North Carolina, Chapel Hill)
Title: "Data, Modeling, and Coordination Center for PrecISE Network"
P.I.: Anastasia Ivanova, PhD
Role on Project: Co-investigator
Percent effort: 5%
Direct costs per year: variable; based on completion of participant study visits and submission of data to DMCC
Total costs for project period: \$90,000
Project period: 07/01/2019 - 06/30/2023

Agency: The Allergists' Foundation of the American College of Allergy, Asthma, & Immunology (ACAAI)
I.D.# Planning/Exploratory grant, #21-05
Title: "Impact of telehealth vs. in-person appointments on asthma outcomes among African American/Black and Hispanic/Latinx adults with moderate to severe persistent asthma"
P.I.: Juan Carlos Cardet, MD
Percent effort: 0%
Direct costs per year: \$9,091
Total costs for project period: \$10,000
Project period: 07/01/2021 – 06/30/2022, no cost extension through November 14th, 2022

Agency: American Lung Association (ALA)
I.D.# ALA/AAAAI Allergic Respiratory Diseases Research Award, #
835475
Title: "Effects of RGS pathway polymorphisms on airway smooth
muscle phenotype and asthma severity"
P.I.: Juan Carlos Cardet, MD
Percent effort: 8.5%
Direct costs per year: \$75,000
Total costs for project period: \$150,000
Project period: 07/01/2021 – 06/30/2023

Agency: Bristol Myers Squibb Foundation (BMSF)
I.D.# Robert A. Winn Diversity in Clinical Trials Career Development
Award, # pending, award notification on 8/8/2022
Title: "Increasing the representation of Black and Latinx adults into
clinical trials for patients with nasal polyposis and asthma"
P.I.: Juan Carlos Cardet, MD
Percent effort: 40%
Direct costs per year: \$110,000
Total costs for project period: \$220,000
Project period: projected: 11/01/2022-10/31/2024 (pending)

Agency: University of South Florida
I.D.# USF Vice Dean Research Award

Title: "Effects of RGS pathway genetic variation on airway smooth
muscle mechanophenotypes"
P.I.: Juan Carlos Cardet, MD
Percent effort: none; covers project material and equipment costs
Total costs for project period: \$47,000
Project period: 11/01/2022 – 10/31/2024

B) Past Grants

Agency: NIH/NHLBI
ID#: Biologic Specimen and Data Repository Information Coordinating
Center, accession number HLB02222020a
Title: "AsthmaNet Proof of Concept Study of Alendronate for Asthma
(ALFA)"
P.I.: Elliot Israel
Project period: 12/01/2013 – 06/30/2017

Agency: NIH/NIAID
ID#: U19 AI095219, diversity supplement
Title: "Pathophysiologic and Therapeutic Mechanisms in Aspirin
Exacerbated Respiratory Disease"; Diversity supplement for Project 1
"Physiologic and functional consequences of EP2 receptor deficiency, and
determines its epigenetic basis"
P.I.: Joshua A. Boyce, MD

Role on Project: Co-investigator
Project period: 07/01/2014 – 08/31/2015

Agency: NIH/NIAID
ID#: U19 AI095219
Title: “Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease”
P.I.: Joshua A. Boyce, MD
Role on Project: Co-investigator
Project period: 07/01/2014 – 06/30/2017

Agency: American Lung Association (ALA)
I.D.# Airways Clinical Research Center (ACRC) Award, #396907

Title: “University of South Florida”
P.I.: Thomas B. Casale, MD
Percent effort: 3%
Total costs for project period: \$200,000
Project period: 07/01/2017 – 06/30/2019

Agency: University of South Florida
I.D.# Creative Scholarship Grant

Title: “Effects of Nicotine on ‘Regulator of G Protein Signaling-2’ and the development of Airway Hyperresponsiveness”
P.I.: Juan Carlos Cardet, MD
Percent effort: 1%
Total costs for project period: \$10,000
Project period: 05/01/2019 – 04/30/2020 (requesting no-cost extension)

Published Bibliography

Peer-reviewed (list from earliest to most recent; letter to editor/replies)

Research investigations

Cardet JC, White A, Barrett N, Feldweg A, Wickner P, Savage J, Bhattacharyya N, and Laidlaw TM. (2013) Alcohol-Induced Respiratory Symptoms Are Common in Patients with Aspirin Exacerbated Respiratory Disease (AERD). *Journal of Allergy and Clinical Immunology: In Practice*; 2: 208-13, PMID: PMC4018190

Laidlaw TM, Cutler A, Kidder M, Liu T, **Cardet JC**, Chhay H, Feng C, and Boyce JA (2014) Prostaglandin E2 resistance in granulocytes from patients with aspirin-exacerbated respiratory disease. *Journal of Allergy and Clinical Immunology*; 133: 1692-701, PMID: PMC4040319

Cardet JC, Johns C, Savage J. Bacterial metabolites of diet-derived lignans and isoflavones inversely associate with asthma and wheezing (letter to the editor) (2015); *Journal of Allergy and Clinical Immunology*; 135: 267-9, PMID: PMC4289106

Denlinger L, King T, **Cardet JC**, Craig T, Holguin F, Jackson D, Kraft M, Peters P, Ross K, Sumino K, Boushey, H, Jarjour N, Wechsler M, Wenzel S, Castro M, Avila P, for the NHLBI AsthmaNet Investigators. Vitamin D Supplementation and the Risk of Colds in Patients with Asthma (2016); *American Journal of Respiratory and Critical Care Medicine*; 193:634-41, PMID: PMC4824938

Cardet JC, Ash S, Kusa T, Camargo C, Israel E. Insulin resistance modifies the association between obesity and current asthma in adults (2016); *European Respiratory Journal*; 48: 403-10, PMID: PMC5815169

Denlinger L, Ramratnam S, Ross K, Phillips B, Bhakta N, **Cardet JC**, Castro M, Peters S, Phipatanakul W, Bacharier L, Bleecker E, Comhair S et al, for the NHLBI SARP Investigators. Inflammatory and Comorbid Features of Patients with Severe Asthma and Frequent Exacerbations (2017); *American Journal of Respiratory and Critical Care Medicine*; 95(3): 302-313, PMID: PMC5328178

Cardet JC, Louisias M, King TS, Castro M, Codispoti CD, Dunn R, Engle L, Giles BL, Holguin F et al, for the NHLBI AsthmaNet Investigators. Income is an independent risk factor for worse asthma outcomes. (2018) *Journal of Allergy and Clinical Immunology*; 141(2):754-760, PMID: PMC5696111

Teague WG, Phillips BR, Fahy JV, Wenzel SE, Fitzpatrick AM, Moore WC, **Cardet JC**, Hastie AT, et al, for the NHLBI SARP Investigators. Baseline Features of the Severe Asthma Research Program (SARP III) Cohort: Differences with Age. (2018) *Journal of Allergy and Clinical Immunology: In Practice*; 6(2):545-554, PMID: PMC5832534

Ash SY, Rahaghi FN, Come CE, Ross JC, Colon AG, **Cardet JC**, Dunican EM, Bleecker ER et al, for the NHLBI SARP Investigators. Pruning of the Pulmonary Vasculature in Asthma: the SARP Cohort. (2018) *The American Journal of Respiratory and Critical Care Medicine*; 198(1):39-50, PMID: PMC6034125

Cardet JC, Codispoti C, King T, Bacharier L, Carr T, Castro M, et al, for the NHLBI AsthmaNet Investigators. Predictors of inhaled corticosteroid taper failure in adults with asthma. (2019) *Journal of Allergy and Clinical Immunology: In Practice*; 7(4):1335-1337.e3, PMID: PMC6424637

Laidlaw TM, Cahill KN, **Cardet JC**, Murphy K, Cui J, Dioneda B, Kothari P, et al. A trial of type 12 purinergic (P2Y12) receptor inhibition with prasugrel identifies a potentially distinct endotype of patients with aspirin-exacerbated respiratory disease. (2018) *Journal of Allergy and Clinical Immunology*; 143(1):316-324.e7, PMID: PMC6286686

Cardet JC, Jiang X, Lu Q, Gerard N, McIntire K, Boushey H, Castro M, et al, for the NHLBI AsthmaNet Investigators. Loss of bronchoprotection with ICS plus LABA, beta-receptor dynamics, and the effect of Alendronate The 'Alendronate for Asthma' trial. (2019) *Journal of Allergy and Clinical Immunology*; 144(2):416-425.e7, PMID: PMC6950766

Lazarus S, Krishnan J, King T, Lang J, Blake K, Covar R, Lugogo N, Wenzel S, Chinchilli V, Mauger D, Dyer A, Boushey H, Fahy J, Woodruff P, Bacharier L, Cabana M, **Cardet JC** et al. Mometasone or Tiotropium in Mild Asthma with a Low Sputum Eosinophil Level. (2019) *New England Journal of Medicine*; 380(21):2009-2019, PMID: PMC6711475

Wechsler ME, Szeffler SJ, Ortega VE, Pongracic JA, Chinchilli V, Lima JJ, Krishnan JA, Kunselman SJ, Mauger D, Bleecker ER, Bacharier LB, Beigelman A, Benson M, Blake KV, Cabana MD, **Cardet JC** et al. Step-up therapy in Blacks with inadequately controlled asthma. (2019) *New England Journal of Medicine*; 381(13):1227-1239, PMID: PMC7026584

Grossman NL, Ortega VE, King TS, Bleecker ER, Ampleford EA, Bacharier LB, Cabana MD, **Cardet JC**, Carr TF et al. Exacerbation-Prone Asthma in the Context of Race and Ancestry in Asthma Clinical Research Network Trials. (2019) *Journal of Allergy and Clinical Immunology*; 144(6):1524-1533, PMID: PMC6931257

Holguin F, **Cardet JC**, Chung KF, Diver, S, Ferreira D, Fitzpatrick A, Gaga M et al. Management of Severe Asthma: a European Respiratory Society/American Thoracic Society Guideline. (2020) *The European Respiratory Journal*; 55(1):1900588

Ash SY, Vegas-Sanchez-Ferrero G, Schiebler M, Rahaghi F, Rai A, Come C, Ross J, Colon A, **Cardet JC** et al. Estimated Ventricular Size, Asthma Severity and Exacerbations: The Severe Asthma Research Program III Cohort. (2020) *Chest*; 157(2):258-267, PMID: PMC7005378

Cardet JC, Busse P, Carroll J, Casale TB, et al. Adherence to Adding Inhaled Corticosteroids to Rescue Therapy in a Pragmatic Asthma Trial--a Pilot Study. (2020) *Annals of Allergy, Asthma, and Immunology*; 124(5):487-493.e1, PMID: PMC7188592

Peters M, Mauger D, Ross KR, Phillips B, Gaston B, **Cardet JC**, Israel E, Levy BD, et al. (2020) Evidence for Exacerbation-Prone Asthma and Predictive Biomarkers of Exacerbation Frequency. (2020) *American Journal of Respiratory and Critical Care Medicine*; 202(7):973-982, PMID: PMC7528796

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Shenoy K, **Cardet JC**, Baydur A, Carroll JK, Celedón JC, Cui J, Dara P, Ericson B, Forth VE, Fagan M, Fuhlbrigge AL, Gupta R, Hart MK, Hernandez ML, Hernandez PA, Kruse J, Maher NE, Manning BK, Pinto-Plata VM, Robles J, Rodriguez-Louis J, Shields JB, Telon Sosa BS, Wechsler ME, and Israel E. Caribbean Latinx with moderate-severe asthma bear greater asthma morbidity than other Latinx. Presented at the CHEST annual meeting October 17-21, 2021

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IL, Shenoy K, Pasarica M, Calderon-Candelario RA, Tapp H, Baydur A, Pace WD, and Israel E. "Successfully Reducing Severe Asthma Exacerbations and Improving Asthma Control in a Pragmatic Study in African American/Black (AA/B) and Hispanic/Latinx Adults with Moderate-Severe Asthma (PREPARE). Presented as an oral late-breaking abstract at the American Academy of Allergy, Asthma, and Immunology 2022 annual meeting on February 26th, 2022 in Phoenix, AZ.

Cardet JC, Kim D, Bleecker ER, Casale TB, Israel E, Mauger D, Meyers DA, Yaping Tu Y, Liggett SB, and Ortega VE, on behalf of the NHLBI SARP-3 investigators, "Clinical and Molecular Implications of RGS2 Promoter Genetic Variation in Severe Asthma". Presented as an oral abstract at the American Academy of Allergy, Asthma, and Immunology 2022 annual meeting on February 28th, 2022 in Phoenix, AZ.

Cardet JC, Carroll JK, Fuhlbrigge AL, She L, Rockhold FW, Maher NE, Fagan M, Forth VE, Yawn BP, Arias Hernandez P, Kruse JM, Manning BK, Rodriguez-Louis J, Shields JB, Ericson B, Colon-Moya AD, Madison S, Coyne-Beasley T, Hammer GM, Kaplan BM, Rand CS, Robles J, Thompson O, Wechsler ME, Wisnivesky JP, McKee MD, Jariwala SP, Jerschow E, Busse PJ, Kaelber DC, Nazario S, Hernandez ML, Apter AJ, Chang KL, Pinto-Plata V, Stranges PM, Hurley LP, Trevor J, Casale TB, Chupp G, Riley IL, Shenoy K, Pasarica M, Calderon-Candelario RA, Tapp H, Baydur A, Pace WD, and Israel E. "An Add-on Reliever-Triggered Inhaled Corticosteroid Strategy Reduces Severe Asthma Exacerbations in a Real-World Study of African American/Black and Hispanic/Latinx Patients with Asthma". Presented as an oral abstract at the American Thoracic Society 2022 annual meeting on May 16th, 2022 in SF, CA.

Manning B, Fagan M, Kruse J, Shields J, Staton E, Pace W, **Cardet JC**, Brooks-Greisen A, Fuhlbrigge A, Hernandez PA, Israel E. "Respondent Characteristics by Survey Modality in a Pragmatic Trial of Black and Latinx Adults with Asthma". Accepted for presentation at the annual meeting of the North American Primary Care Research Group (NAPCRG) in November 2022.

Ugalde I, Merriman C, Ratigan A, Cui J, Ericson B, Maher N, Kruse J, Salciccioli J, Hernandez PA, Rodriguez-Louis J, Pace W, Carroll J, Shields J, Manning B, Fagan M, Fuhlbrigge A, Mosnaaim G, Phipatanakul W, Telon Sosa B, Nazario S, Tarabichi Y, Wechsler M, Shenoy K, Yawn B, Wisniveky J, Riley I, Busse P, Barry M, Pinto-Plata V, Jariwala S, Coyne-Beasley T, Casale T, Israel E*, **Cardet JC*** (co-senior authors) "Impact Of Telehealth Appointments on Asthma Outcomes Among Black and Latinx Patients" presented as an e-poster presentation at the annual American College of Allergy, Asthma, and Immunology 2022 annual meeting on November 13th, 2022 in Louisville, KY.

Other Research and Creative Achievements

Interviews

- Telemundo "Discussion of the primary results of the PCORI-funded PREPARE trial on an as needed inhaled corticosteroid supplementation"

- strategy in Black and Latinx adults w moderate to severe asthma”, April 20, 2022
- ALA Lungcast “Discussion of the primary results of the PCORI-funded PREPARE trial on an as needed inhaled corticosteroid supplementation strategy in Black and Latinx adults w moderate to severe asthma”, April 07, 2022
 - Touchrespiratory.com “AAAAI 2022: Reducing Severe Asthma Exacerbation in the PREPARE Study”, March 03, 2022
 - Tampa Bay Times “Asthma study, led by USF doc, takes aim at disease’s racial gaps”, February 28, 2022
 - USF Health News “Patient-Centered treatment approach improves asthma outcomes for Black and Latinx adults” February 26, 2022
 - HCPLive.com “PARTICS reduces Asthma Disparities in Black and Latino Communities”, February 25, 2022
 - Medscape Medical News “Asthma: Easy Strategy Reduces Exacerbations, Improves Control”, February 25, 2022
 - NBC News Erik Ortiz, interview on the impact of race and socioeconomic status on asthma, results of the PREPARE trial, July 25, 2022
 - Medscape InDiscussion series on Moderate to Severe Asthma, Episode 5: Interview with Drs. Michael Wechsler and Monica Kraft on “Social and environmental determinants of asthma” on August 2nd, 2022

Other scholarly activities

- Member/co-author of the 2019 International European Respiratory Society (ERS)/American Thoracic Society (ATS) task force on severe asthma.
- Member of the American Academy of Allergy Asthma and Immunology (AAAAI) Cells and Mediators of Allergic Inflammation Committee