

## Fernando D. Martinez, MD

Regents' Professor  
Director, Arizona Respiratory Center  
Director, BIO5 Institute  
Swift-McNear Professor of Pediatrics  
The University of Arizona  
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### **I. EDUCATION**

#### ***High School***

Saint George's College  
Santiago, Chile 1966

#### ***University Studies***

University of Chile  
Santiago, Chile  
*Licenciado en Medicina* (equivalent to MD) 1971  
Residency in Medicine 1972-1973

University of Rome  
Rome, Italy  
M.D. (cum laude) 1973-1975  
Fellowship in Pediatrics (cum laude) 1976-1981  
Specialization: Pulmonology

### **II. STATEMENT OF MAJOR FIELDS OF INTEREST**

- Longitudinal studies of asthma and asthma-related traits in early life. Over 20 years of experience in designing, conducting, and analyzing and publishing data from prospective birth cohorts enrolled either during the mother's pregnancy or during the first days of life.
- Genetics and pharmacogenetics of asthma.
- Novel therapeutic approaches to childhood asthma
- Role of gene-environment interactions in the development of complex diseases, especially asthma and related traits.

### **III. PROFESSIONAL BACKGROUND**

#### ***Clinical Appointments:***

Attending at the Pediatric Pulmonary Ward  
University of Rome Pulmonary Section  
Department of Pediatrics 1981-1982  
Pediatrician in charge of Outpatient Clinic 1983-1984  
University of Rome Children's Respiratory Clinic 1985-1987  
General Pediatric Practitioner, Viterbo, Italy 1981-1987  
Attending Physician, Department of Pediatrics, University of Arizona 1991-present  
Consulting Physician, Whiteriver Hospital, Whiteriver, Arizona 1992-present

**Academic Appointments:**

|   |              |
|---|--------------|
| <i>University of Chile Research Associate</i>   |              |
| Department of Epidemiology & Social Medicine<br>Area Oriente: School of Medicine, Santiago, Chile | 1969-1971    |
| <i>University of Rome</i>   |              |
| Lecturer at the Department of Pediatrics  | 1981-1986    |
| <i>University of Arizona</i>  |              |
| Visiting Research Associate   | 1984-1985    |
| Research Scientist (Pediatrics)   | 1987-1990    |
| Research Scientist (Respiratory Sciences Center)  | 1987-1996    |
| Research Assistant Professor  | 1990-1991    |
| Assistant Professor   | 1991-1994    |
| Associate Professor   | 1994-1997    |
| Director, Arizona Respiratory Center  | 1996-present |
| Swift-McNear Professor of Pediatrics  | 1997-present |
| Co-Director, Institute for Biomedical Science and Biotechnology                                   | 2002-2005    |
| Faculty Member, BIO5 Institute  | 2005-present |
| Director, BIO5 Institute  | 2009-present |
| Regents' Professor  | 2009-present |

**Hospital Privileges:**

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|----------------------------|-----------------------|
| University Medical Center  | Active Staff          |
| Tucson Medical Center      | Associate Staff       |
| Whiteriver Indian Hospital | Consulting Privileges |
| Rehab Institute of Tucson  | Consulting Privileges |

**Teaching (formal):**

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|---|--------------|
| <i>University of Rome</i>   |              |
| Responsible for teaching a course on pulmonary and airway physiology, and asthma to pediatric fellows (10 hours of formal lessons per year) | 1981-1987    |
| Faculty in the sixth year pediatrics course for medical students (15 hours of bedside teaching per year)                                    | 1981-1987    |
| <i>University of Arizona</i>  |              |
| Faculty, Med 896N (clinical epidemiology)   | 1989         |
| Faculty, first year physiology course for medical students  | 1989-present |
| Teaching Attending for Junior and Senior Medical Students   | 1991-present |
| Faculty Member, The Graduate College Genetics Interdisciplinary Program   | 2004-present |

**Memberships and Certifications:**

|   |              |
|---|--------------|
| Society for Pediatric Research                            | 1989-present |
| Western Society for Pediatric Research                    | 1991-present |
| American Thoracic Society                                 | 1997-present |
| Journal of Allergy and Clinical Immunology Advisory Board | 2007-present |

**Journal Editorialist:**

Lancet  
New England Journal of Medicine

**Journal Reviews:**

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|--|--------------|
| Pediatric Pulmonology                                      | 1988-present |
| Pediatrics   | 1989-present |
| Journal of Pediatrics                                      | 1989-present |
| American Journal of Respiratory and Critical Care Medicine | 1989-present |
| European Respiratory Journal                               | 1990-present |
| Environmental Journal                                      | 1991-present |
| American Journal of Epidemiology                           | 1991-present |
| Thorax   | 1993-present |
| American Journal of Human Genetics                         | 1994-present |
| Lancet   | 1995-present |
| Human Molecular Genetics                                   | 1996-present |

**IV. HONORS AND AWARDS (Last 5 Years)**

- 2008
- The J. Burns Amberson Lectureship, American Thoracic Society (ATS) Annual Meeting. **Unopposed, once-yearly lecture awarded to only one (out of over 20,000) ATS member for “lifetime accomplishment” in the field of respiratory medicine and science.**
- 2009
- The Donald K. Buffmire Visting Lectureship in Medicine, University of Arizona
  - 2009 Amos Christie Lectureship in Pediatrics, Vanderbilt University
  - The Philip Fireman Lectureship in Asthma, Allergy and Immunology, Fourth Annual Nemaocolin Asthma Conference
  - Regents’ Professor, University of Arizona
- 2010
- 2010 Pfizer Visiting Professorship in Pulmonology, Tucson, AZ
- 2012
- 2012 Partners Asthma Center’s Jeffrey M. Drazen Visiting Professorship, Harvard

**V. SERVICE (Last 5 Years)**

**National**

|  |              |
|--|--------------|
| Member, Expert Panel charged with writing the NIH Guidelines for the Treatment of Asthma, National Asthma Education and Prevention Program (NAEPP) | 1995-present |
| Member, Board of Extramural Advisors, NHLBI  | 1999-2006    |
| Co-Chair, Asthma Subcommittee, National Children’s Study, NIH  | 2002-2005    |
| Parker B. Francis Fellowship Program Council of Scientific Advisors  | 2003-2005    |
| Member, Pulmonary-Allergy Drugs Advisory Committee, FDA  | 2003-2011    |
| Member, Heart, Lung and Blood Program Project Review Committee   | 2009-present |
| Member, National Scientific Council on the Developing Child  | 2013-present |

**University Of Arizona**

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| Interviewer for Pediatric Pulmonary Fellowship Training Program  | 1988-present |
| Space and Facilities Committee; Steele Memorial Children’s Research Center   | 1992-present |
| Professional Evaluation Committee  | 1992-present |
| Director, Arizona Respiratory Center   | 1996-present |
| Co-Director, Institute for Biomedical Science & Biotechnology  | 2002-2005    |
| Member, Search Committee for Vice President for health Sciences  | 2000         |
| Chair of Search Committee for Dean of College of Medicine  | 2003         |
| Member, Search Committee for Vice Dean College of Medicine, Phoenix Campus   | 2006         |
| Chair of ACTREC Executive Board  | 2006-present |
| Chair of Clinical Scholars Circle  | 2007-present |
| Co-Chair of the Integrated Health Sciences Facility Core of the NIEHS-funded Southwest Environmental Health Sciences Center (SWEHSC) | 2007-present |
| Provost’s Advisory Council on Strategic Advancement  | 2009-present |

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| North Central Accreditation Working Team 2                    | 2009-present |
| BioScience Research Laboratories (BSRL) Selection Committee   | 2012         |
| Chair, Search Committee for Vice President of Health Sciences | 2012-present |

**VI. GRANTS**

***Past Funding***

|  |           |
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| Principal Investigator                                 | 1996-2001 |
| Longitudinal study of asthma from birth to adolescence |           |
| National Institutes of Health                          |           |
| Total Funds \$3,840,834                                |           |

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| Principal Investigator                         | 1998-2002 |
| Genetic regulation immune maturation in asthma |           |
| National Institutes of Health                  |           |
| Total Funds \$1,359,380                        |           |

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| Principal Investigator                                  | 1999-2004 |
| Childhood Asthma: Early Prevention and Pharmacogenetics |           |
| National Institutes of Health                           |           |
| Total Funds \$3,585,480                                 |           |

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| Principal Investigator   | 2000-2004 |
| Programs for Genomic Application: Innate Immunity in Heart, Lung and Blood Disease |           |
| National Institutes of Health  |           |
| Total Funds (Tucson) \$4,946,477)  |           |

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|--|-----------|
| Principal Investigator                               | 2000-2005 |
| Chromosome 5q Gene Variant and Asthma-Related Traits |           |
| National Institutes of Health                        |           |
| Total Funds \$2,083,125                              |           |

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|---|-----------|
| Mentor (PI – T Levan)                                       | 2000-2005 |
| Gene by Environment Interactions in LPS Exposure            |           |
| National Institute of Health and Environmental Science/ NIH |           |
| Total Funds \$487,536                                       |           |

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| Principal Investigator                               | 2001-2006 |
| Longitudinal Study of Asthma from Birth to Adulthood |           |
| National Institutes of Health                        |           |
| Total Funds \$4,217,009                              |           |

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|---|-----------|
| Principal Investigator  | 2001-2006 |
| Specialized Center Of Research in Cellular and Molecular Mechanisms of Asthma |           |
| National Institutes of Health   |           |
| Total Funds \$6,640,412   |           |

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| Principal Investigator                                   | 2005-2009 |
| IL8- and GATA3-mediated Pathways in Asthma Exacerbations |           |
| National Institutes of Health                            |           |
| Total Funds \$2,111,813                                  |           |

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| Co-Investigator (PI – Halonen)                   | 2004-2009 |
| Microbial Innate Immunity in Asthma Pathogenesis |           |
| National Institutes of Health                    |           |
| Total Funds \$3,445,000                          |           |

Principal Investigator 2004-2011  
CARE Network: Tucson Clinical Center  
National Institutes of Health  
Total Funds \$4,521,241

Principal Investigator 2006-2011  
Natural History of Asthma from Birth to Early Adult Life  
National Institutes of Health  
Total Funds \$5,133,550

Investigator (PI – Lau) 2006-2011  
Southwest Environmental Health Sciences Center  
National Institutes of Health/National Institute of Environmental Health Sciences  
Total Funds: \$5,217,774

Co-Principal Investigator 2010-2012  
Impact of TLR2/Environment Interactions on Asthma Susceptibility: Mouse Models  
National Institutes of Health  
Total Funds: \$427,278

***Current Funding As Principal Investigator***

Principal Investigator 2008-2013  
National Children's Study, Arizona Center  
National Institute of Child Health and Development  
Total Funds: \$ 44,763,001

Principal Investigator 2009-2016  
Arizona/Duke Clinical Center for AsthmaNet  
National Institutes of Health  
Total Funds: \$5,712,373

Principal Investigator 2012-2016  
Childhood Predictors of Airway Structure, Function & Disease in Adult Life  
National Institute of Health  
Total Funds \$4,453,088

***Current Funding As Collaborating Investigator***

Investigator (PI – Guerra) 2011-2013  
Validation of Serum Biomarker Signatures Predictive of Incident COPD  
National Institutes of Health  
Total Funds: \$300,000

Investigator (PI – Lau) 2011-2016  
Southwest Environmental Health Sciences Center  
National Institutes of Health/National Institute of Environmental Health Sciences  
Total Funds: \$5,500,000

## VII. PUBLICATIONS

### **Scholarly Books**

1. **Martinez FD**, Godfrey S. Wheezing disorders in the preschool child: pathophysiology and management. Martin Dunitz, London; New York, 2003
2. **Martinez FD** (coeditor). Textbook of Pediatric Respiratory Medicine, 2<sup>nd</sup> Edition. Taussig LM, Landau LI, Le Souef PN, Martinez FD, Morgan WJ, Sly PD (editors). Mosby, Elsevier Inc., Philadelphia, 2008.

### **Chapters in Scholarly Books**

1. **Martinez FD**, Burrows B. New perspectives on the relationship between respiratory illnesses in childhood and different forms of chronic airflow limitation in adult life. IN: Witek TJ, Schachter EN (eds). Current Issues in Respiratory Public Health JB Lippincott Company 3:104-114. 1990
2. **Martinez FD**. The origins of asthma in early life. IN: Postma DS, Gerritsen J (eds). Bronchitis V. Proceedings of the Fifth International Symposium on Advances in Understanding of Asthma and COPD. Groningen, The Netherlands. Van Gorcum & Comp. 161-169. 1994
3. **Martinez FD**. Wheezing in infants and its relation to asthma. IN: Phelan (ed) Asthma. London, Bailliere's Clinical Paediatrics 3(2):297-306. 1995
4. **Martinez FD**. Major provoking factors and their clinical assessment. IN: Silverman (ed) Viral Infections. Childhood Asthma and Other Wheezing Disorders. London, Chapman & Hall 1995
5. **Martinez FD**. Risk factors: development and natural history. IN: Barnes, P, Grunstein M, Leff A, and Woolcock A (eds). Asthma. Lippincott-Raven Publishers New York 1997
6. **Martinez FD**. Maternal Risk Factors in Asthma. IN: Cardew (ed) Proceedings from the Ciba Foundation Symposium 206. Wiley & Sons. Chichester England. pp 233-243. 1997
7. **Martinez FD**. *Crecimiento y desarrollo del pulmon desde el primer año de vida* (Growth and development of the lung during the first years of life). IN: Meneghello J (ed) Tratado De Pediatria 5<sup>th</sup> Edition. Editorial Medica Panamericana, en Buena Aires, Argentina Tomo 1;1247-1249. 1999
8. **Martinez FD**. Development of Asthma in Childhood. IN: Holgate S, Busse W (eds). Asthma and Rhinitis, 2<sup>nd</sup> Edition. Blackwell Science 1999
9. **Martinez FD**. Asthma Phenotypes: Wheezy Infants and Wheezy Children. IN: Immunology and Allergy Clinics of North America. Schwartz R (ed) 18(1):25-33. 1999
10. von Mutius E, **Martinez FD**. Epidemiology of Childhood Asthma. IN: Pediatric Asthma. Murphy S, Kelly W, McWilliams B (eds). 1999
11. **Martinez FD**. Environment factors in pediatric respiratory disease. IN: Textbook of Pediatric Respiratory Medicine. Taussig LM, Landau LI (eds). Mosby-Year Book pp 6-10. 1999
12. Stein FR, **Martinez FD**. Mechanisms of disease in childhood asthma. IN: Textbook of Pediatric Respiratory Medicine. Taussig LM, Landau LI (eds). Mosby-Year Book pp 918-934. 1999
13. **Martinez FD**. Development of asthma through childhood. IN: Asthma and Rhinitis, 2<sup>nd</sup> Edition. Busse W, Holgate S (eds). pp 1914-1924. 2000
14. **Martinez FD**. Risk factors for the development of asthma. IN: Pediatric Asthma: an International Perspective. Naspitz C, Szeffler S, Tinkelman D, Warner J (eds). pp 67-82; 2001
15. **Martinez FD**. The natural history of asthma during childhood. IN: Childhood Asthma and Other Wheezing Disorders 2<sup>nd</sup> Edition. Silverman M (ed). Pp 215-230 2000
16. **Martinez FD**. Inhaled corticosteroids and the natural history of asthma. IN: Inhaled Steroids in Asthma Schleimer R, O'Byrne P (eds). pp 623-634; 2002
17. Snyder LS, **Martinez FD**. Developmental anomalies of the respiratory tract manifesting in the adult. IN: Textbook of Pulmonary Diseases (7<sup>th</sup> edition). King TE (ed)., 2002
18. **Martinez FD**. Role of Viral Infection in the Inception of Asthma. IN: Respiratory Infections in Allergy and Asthma. Johnston SL, Papadopoulos N (eds)., 2002
19. **Martinez FD**, Natural History, Development, and Prevention of Allergic Diseases in Childhood. IN: Middleton's Allergy: Principles & Practice, 6<sup>th</sup> Edition. Adkinson Jr. F, Yunginger W, Busse W, Bochner B, Holgate S, Simons F (eds)., 2003
20. **Martinez FD**. History of Wheezing in the Child. IN: Asthma Prevention. Busse W, Lemanske R (eds)., 2005

### **Journal Articles**

1. Imperato C, Ronchetti R, Falagiani I, Criscione S, Gentili S, Gentile G, Macri F, Muratori S, **Martinez FD**, Tramutoli GM. Hyperproduction of IgE and bronchial hyperreactivity: associated characteristics in children with atopic respiratory diseases. *Rivista Italiana di Pediatria* 1976;2:387-392
2. Ronchetti R, Criscione S, Tramutoli GM, Macri F, **Martinez FD**, Tripodi S, Simonelli N. Asthma and IgE in childhood. *Intern J Tissue React (Geneva)* 1979;1:19-23
3. Ronchetti R, Martinez, FD, Macri F, Tramutoli GM, Criscione S, Barretta MA, Antognoni G, Bottini E. Environmental and genetical factors in chronic and recurrent respiratory diseases in childhood. *Prospect In Pediatria* 1980;38:113-120
4. Ronchetti R, Martinez, FD, Falagiani P, Macri F, Criscione S, Tramutoli GM, Imperato C. The role of IgE in childhood asthma. *Intern J Clin Pharmac Therapy Toxicol (Munich)* 1981;19:36-49
5. **Martinez FD**, Sacerdote MT, Tancredi GC, Macri F, Chetta A, Genova L, Ronchetti R. Bronchodilators in pediatric epidemiology: methodological remarks and preliminary results. IN: Kraemer R (ed). *Pediatric Respiratory Physiology and Clinical Aspects of Pediatric Pneumology*. *Mod Prob Pediatr* 1981;21:155-161
6. Ronchetti R, **Martinez FD**, Criscione S, Macri F, Tramutoli GM, Antognoni G, Ciofetta GC, Imperato C. Influence of environmental and family factors on the prevalence of the asthmatic syndrome and the bronchitic syndrome in children. *Rivista Italiana di Pediatria* 1982;8:5-14
7. Ronchetti R, Lucarini N, Lucarelli P, **Martinez FD**, Macri F, Carapella E, Bottini E. A genetic basis for heterogeneity of asthma syndrome in pediatric ages: role of adenosine deaminase phenotype. *J Allergy Clin Immunol* 1984;74:81-84
8. Ronchetti R, **Martinez FD**, Bonci E, et al. Epidemiological approach to bronchial reactivity in children. *Medicina Toracica* 1985;10:313-315
9. **Martinez FD**, Antognoni G, Macri F, Bonci E, Midulla F, DeCastro G, Ronchetti R. Parental smoking enhances bronchial responsiveness in nine-year old children. *Am Rev Respir Dis* 1988;138:518-523 (commented in an editorial in the same issue: Tager IB. Passive smoking-bronchial responsiveness and atopy. *Am Rev Respir Dis* 1988;13:507-509)
10. **Martinez FD**, Morgan WJ, Wright AL, Holberg CJ, Taussig LM, and the Group Health Medical Personnel. Diminished lung function as a predisposing factor for wheezing respiratory illnesses in infants. *NEJM* 1988;319:1112-1117
11. Burrows B, **Martinez FD**, Halonen M, Barbee RA, Cline MG. Association of asthma with serum IgE levels and skin-test reactivity to allergens. *NEJM* 1989;320:271-277
12. Wright AL, Holberg CJ, **Martinez FD**, Morgan WJ, Taussig LM and the Group Health Medical Associates. Breastfeeding and lower respiratory tract illnesses in the first year of life. *BMJ* 1989;229:946-949
13. Ronchetti R, Macri F, Ciofetta GC, Indinnimeo L, Cutrera R, Bonci E, Antognoni G, **Martinez FD**. Increased serum immunoglobulin E (IgE) and increased prevalence of eosinophilia in nine year old children of smoking parents. *J Allergy Clin Immunol* 1990;86(3):400-407
14. **Martinez FD**, Taussig LM, Morgan WJ. Infants with upper respiratory illnesses has significant reductions in maximal expiratory flows. *Pediatr Pulmon* 1990;9:91-95
15. Wright AL, Holberg CJ, **Martinez FD**, Taussig LM and the Group Health Medical Associates. The relationship of parental smoking to wheezing and non-wheezing lower respiratory tract illness in infants. *J Pediatr* 1990;118:207-214
16. Ronchetti R, Bonci E, **Martinez FD**. Passive smoking in childhood tobacco smoke. *Lung (supplement)* 1990;313-319
17. Lebowitz MD, Holberg CJ, **Martinez FD**. A longitudinal study of risk factors in asthma and chronic bronchitis in childhood. *Euro J Epidem* 1990;6:341-347
18. **Martinez FD**. Sudden infant death syndrome and small airway occlusion: facts and hypothesis. *Pediatr* 1991;87(2):190-198
19. Halonen M, Stern DA, Lyle S, Wright AL, Taussig LM, **Martinez FD**. Relationship of total serum IgE in cord and nine month sera in infants. *Clin Exper Allergy* 1991;21:235-241
20. **Martinez FD**, Morgan WJ, Wright AL, Holberg CJ, Taussig LM, and the GHMA Pediatricians. Initial airway function is a risk factor for recurrent wheezing respiratory illnesses during the first three years of life. *Am Rev Respir Dis* 1991;143:312-316
21. Holberg CJ, Wright AL, **Martinez FD**, Ray CG, Taussig LM, Lebowitz MD, and the Group Health Medical Associates. Risk factors for respiratory syncytial virus-associated lower respiratory illnesses in the first year of life. *Am J Epidem* 1991;133:1135-1151
22. **Martinez FD**, Cline MG, Burrows B. Increased incidence of asthma in children of smoking mothers. *Pediatr*

- 1992;89(1):21-26
23. Stern DA, Hicks MJ, **Martinez FD**, Holberg CJ, Wright AL, Pinnas J, Halonen M, Taussig LM. Lymphocyte subpopulation number and function in infancy. *Develop Immun* 1992;2:175-179
  24. Ronchetti R, Bonci E, Cutrera R, DeCastro G, Indinnimeo L, Midulla F, Tancredi G, **Martinez FD**. Enhanced allergic sensitization related to parental smoking. *Arch Dis Child* 1992;67:496-500
  25. Sherrill DL, **Martinez FD**, Lebowitz MD, Holdaway MD, Flannery EM, Herbison GP, Stanton WR, Silva PA, Sears MR. Longitudinal effects of passive smoking on pulmonary function in New Zealand children. *Am Rev Respir Dis* 1992;145:1136-1141
  26. Morgan WJ, **Martinez FD**. Risk factors for developing wheezing and asthma in childhood. *Pediatr Clin North Am* 1992;39:1185-1203
  27. Halonen M, Stern DA, Taussig LM, Wright AL, Ray CG, **Martinez FD**. The predictive relationship between serum IgE levels at birth and subsequent incidences of lower respiratory illnesses and eczema in infants. *Am Rev Respir Dis* 1992;146:866-870
  28. **Martinez FD**, Wright AL, Holberg CJ, Morgan WJ, Taussig LM. Maternal age as a risk factor for wheezing lower respiratory illnesses in the first year of life. *Am J Epidemiol* 1992;136:1258-1268
  29. Duncan B, Ey J, Holberg CJ, Wright AL, **Martinez FD**, Taussig LM. Exclusive breastfeeding for four months protects against otitis media. *Pediatr* 1993;91(5):867-872
  30. Holberg CJ, Wright AL, **Martinez FD**, Morgan WJ, Taussig LM, and the Group Health Medical Associates. Child day care, smoking by caregivers, and lower respiratory tract illness in the first three years of life. *Pediatr* 1993;91(5):885-892
  31. Sherrill DL, **Martinez FD**, Sears MR, Lebowitz MD. An alternative method for comparing and describing methacholine response curves. *Am Rev Respir Dis* 1993;148(1):116-122
  32. von Mutius E, Nicolai T, **Martinez FD**. Prematurity as a risk factor for asthma in preadolescent children. *J Pediatr* 1993;123:223-229
  33. von Mutius E, **Martinez FD**, Fritzsich C, Nicolai T, Thiemann H-H. Differences in the prevalence of asthma and atopic sensitization between East and West Germany. *Am J Respir Crit Care Med* 1994;149(2):358-364
  34. Ronchetti R, Bonci E, DeCastro G, Signoretti F, Macri F, Ciofetta GC, Villa MP, Indinnimeo L, **Martinez FD**. Relationship between cotinine levels, household and personal smoking habits and season in 9-14 year old children. *Eur Resp J* 1994;7:472-476
  35. von Mutius E, **Martinez FD**, Fritzsich C, Nicolai T, Reitmeir P, Hans-Heirnich T. Skin test reactivity and number of siblings. *BMJ* 1994;308:692-695
  36. **Martinez FD**, Wright AL, Taussig LM. Effect of parental smoking on birth-weight of newborns whose mothers do not smoke. *Am J Pub Health* 1994;84:1492-1494
  37. **Martinez FD**, Holberg CJ, Halonen M, Morgan WJ, Wright AL, Taussig LM. Evidence for Mendelian inheritance of serum IgE levels in Hispanic and non-Hispanic White families. *Am J Hum Genet* 1994;55:555-565
  38. Wright AL, Holberg CJ, **Martinez FD**, Halonen M, Morgan WJ, Taussig LM. Epidemiology of physician diagnosed allergic rhinitis in childhood. *Pediatr* 1994;94(6):895-901
  39. **Martinez FD**, Wright AL, Taussig LM, Holberg CJ, Halonen M, Morgan WJ, and the Group Health Medical Associates. Asthma and wheezing in the first six years of life. *NEJM* 1995;332(3):133-138
  40. **Martinez FD**. Viral infections and the development of asthma. *Am J Respir Crit Care Med* 1995;151:1644-1648
  41. Ey J, Holberg CJ, Duncan B, Aldous M, Wright AL, **Martinez FD**, Taussig LM, GHMA Pediatricians. Passive smoke exposure and otitis media in the first year of life. *Pediatr* 1995;95(5):670-677
  42. **Martinez FD**. Early childhood asthma: what are the questions? *Am J Respir Crit Care Med* 1995;151:s2-s3
  43. Asher MI, Keil U, Anderson HR, Beasley R, Crane J, **Martinez FD**, Mitchell EA, Pearce N, Sibbald B, Steward AW, Strachan D, Weiland SK. International study of asthma and allergies in childhood (ISAAC): rationale and methods. *Euro Respir J* 1995;8:483-491
  44. **Martinez FD**, Holberg CJ. Segregation analysis of physician-diagnosed asthma in Hispanic and non-Hispanic white families. *Clin Exper Allergy* 1995;25(2):95-96
  45. von Mutius E, Sherrill DL, Fritzsich C, **Martinez FD**, Lebowitz MD. Air pollution and upper respiratory tract infections in children from East Germany. *Euro Respir J* 1995;8:723-728
  46. Wright AL, Holberg CJ, Taussig LM, **Martinez FD**. Relationship of infant feeding to recurrent wheezing at age six. *Arch Pediatr Adol Med* 1995;149(7):758-763
  47. **Martinez FD**, Stern DA, Wright AL, Holberg CJ, Taussig LM, Halonen M. Association of interleukin-2 and interferon-gamma production by blood mononuclear cells in infancy with parental allergy skin tests and



- subsequent development of atopy. *J Allergy Clin Immunol* 1995;96(5):652-660
48. Burrows B, **Martinez FD**, Cline MG, Lebowitz MD. The relationship between parental and children's serum IgE and asthma. *Am J Respir Crit Care Med* 1995;152:1497-1500
  49. **Martinez FD**, Stern DA, Wright AL, Taussig LM, Halonen M, GHMA. Association of non-wheezing lower respiratory tract illnesses in early life with persistently diminished serum IgE levels. *Thorax* 1995;50:1067-1072
  50. Aldous MB, Holberg CJ, Wright AL, **Martinez FD**, Taussig LM, and the GHMA Pediatricians. Evaporative cooling and other home factors and lower respiratory tract illness during the first year of life. *Am J Epidemiol* 1996;143:423-430
  51. Wright AL, Holberg CJ, Morgan WJ, Taussig LM, **Martinez FD**. Recurrent cough in childhood and its relation to asthma. *Am J Respir Crit Care Med* 1996;153:1259-1256
  52. Dodge R, **Martinez FD**, Cline MG, Lebowitz MD, Burrows B. Early childhood respiratory symptoms and the subsequent diagnosis of asthma. *J Allergy Clin Immunol* 1996;98:48-54
  53. Holberg CJ, Elston RC, Halonen M, Wright AL, Taussig LM, Morgan WJ, **Martinez FD**. Segregation analysis of physician-diagnosed asthma in Hispanic and non-Hispanic White families. *Am J Respir Crit Care Med* 1996;154:144-150
  54. Lombardi E, Wright AL, Morgan WJ, **Martinez FD**. The relation between physician-diagnosed sinusitis, asthma and skin test reactivity to allergens in 8-year-old children. *Pediatr Pulmonol* 1996;22:141-146
  55. Miller AL, Stern DA, **Martinez FD**, Wright AL, Taussig LM, Halonen M. Serum levels of soluble low affinity receptor for IgE and soluble interleukin-2 receptor in childhood, and their relation to age, gender, atopy and allergic disease. *Pediatr Allergy Immunol* 1996;7:68-74
  56. von Mutius E, Illi S, Nicolai T, **Martinez FD**. Relation of indoor heating with asthma, allergic sensitization, and bronchial responsiveness: survey of children in south Bavaria. *BMJ* 1996;312(7044):1448-1450
  57. **Martinez FD**, Britton J. The relationship of childhood respiratory infection to growth and decline in lung function. *Am J Respir Crit Care Med* 1996;154:s240-s245
  58. **Martinez FD**. Progression of asthma from childhood to adolescence. *Eur Respir Rev* 1997;7:8-10
  59. Halonen M, Stern D, Wright AL, Taussig LM, **Martinez FD**. Alternaria as a major allergen for asthma in children raised in a desert environment. *Am J Respir Crit Care Med* 1997;155:1356-1361
  60. **Martinez FD**. Complexities of the genetics of asthma. *Am J Respir Crit Care Med* 1997;156:1-6
  61. **Martinez FD**. The Relationship between impaired lung growth and the onset of bronchial asthma in early life. *Pediatr Pulmonol* 1997;15:9-12
  62. Stein RT, Holberg, Morgan WJ, Wright AL, Lombardi E, **Martinez FD**. Peak flow variability and methacholine responsiveness as markers of different wheezing phenotypes in children: a prospective study. *Thorax* 1997;52:946-952
  63. Lombardi E, Morgan WJ, Wright AL, Stein RT, Holberg CJ, **Martinez FD**. Cold air challenge at age 6 and subsequent incidence of asthma: a longitudinal study. *Am J Respir Crit Care Med* 1997;156:1863-1869
  64. **Martinez FD**, Graves PE, Baldini M, Solomon S, Erickson R. Association between genetic polymorphisms of the  $\beta$ 2-Adrenoceptor and response to albuterol in children with and without a history of wheezing. *J Clin Invest* 1997;100:3184-3188
  65. The ISAAC Steering Committee. Worldwide variations in prevalence of symptoms of allergic rhinoconjunctivitis in children: The International Study of Asthma and Allergies in Childhood (ISAAC). *Pediatr Allergy Immunol* 1997;8:161-176
  66. The ISAAC Steering Committee. Worldwide variation in the prevalence of symptoms of asthma, allergic rhinoconjunctivitis and atopic eczema: The International Study of Asthma and Allergies in Childhood (ISAAC). *Lancet* 1998;351:1225-1232
  67. Martinez F, Helms J. Types of asthma and wheezing. *Eur Respir J* 1998;27:3s-8s
  68. **Martinez FD**. Implications of association studies in asthma. *Clin Expir Allergy* 1998;28:93-94
  69. Holberg CJ, Morgan WJ, Wright AL, **Martinez FD**. Differences in familial segregation of FEV1 between asthmatic and non-asthmatic families: role of a maternal component. *Am J Respir Crit Care Med* 1998;158:162-169
  70. **Martinez FD**. Gene by environmental interactions in the development of asthma. *Clin and Expir Allergy* 1998;28:93-94
  71. **Martinez FD**, Stern DA, Wright AL, Taussig LM, Halonen M. Differential immune responses to acute lower respiratory illness in early life by subsequent development of persistent wheezing and asthma. *J Allergy Clin Immunol* 1998;102:915-920
  72. **Martinez FD**. Maturation of immune responses at the beginning of asthma. *J Allergy Clin Immunol* 1999;103:355-361

73. **Martinez FD**, Solomon S, Holberg CJ, Graves PE, Baldini M, Erickson RP. Linkage of circulating eosinophils to markers in chromosome 5q. *Am J Resp Crit Care Med* 1998;158:1739-1744
74. Baldini M, Halonen M, Holt P, **Martinez FD**. A polymorphism in the 5'-flanking region of CD14 gene is associated with circulating soluble CD14 levels and with total serum IgE. *Am J Respir Cell Molecular Biol* 1999;20(5):976-983
75. Sherrill DL, Stein R, Halonen M, Holberg CJ, Wright A, **Martinez FD**. Total serum IgE and its association with symptoms and allergic sensitization among children. *J Allergy Clin Immunol* 1999;104(1):28-39
76. Stein RT, Holberg CJ, Sherrill D, Wright AL, Morgan WJ, Taussig L, **Martinez FD**. The influence of parental smoking on respiratory symptoms in the first decade of life: The Tucson Children's Respiratory Study. *Am J Epidem* 1999;149:1030-1037
77. Castro-Rodriguez JA, Holberg CJ, Wright AL, Halonen M, Taussig LM, Morgan WJ, **Martinez FD**. Association of radiologically ascertained pneumonia before age 3 yr with asthma-like symptoms and pulmonary function during childhood. A prospective study. *Am J Respir Crit Care Med* 1999;159:1891-1897
78. **Martinez FD**. Recognizing early asthma. *Allergy* 1999;54(49):24-28
79. Stein RT, Sherrill D, Morgan WJ, Holberg CJ, Halonen M, Taussig LM, Wright AW, **Martinez FD**. Respiratory syncytial virus in early life and the subsequent risk of wheezing and allergic sensitization by age 13. *Lancet* 1999;354:541-545
80. Sherrill D, Stein R, Kurzius-Spencer M, **Martinez FD**. On early sensitization to allergens and development of respiratory symptoms. *Clin Expir Allergy* 1999;29(7):905-911
81. **Martinez FD**. Role of respiratory infection in onset of asthma and COPD. *Clin Expir Allergy* 1999;29(2):53-58
82. Halonen M, Stern DA, Lohman IC, Wright AL, Brown MA, **Martinez FD**. Two subphenotypes of childhood asthma that differ in maternal and paternal influences on asthma risk. *Am J Respir Crit Care Med* 1999;160(2):564-570
83. Wright AL, Sherrill D, Holberg C, **Martinez FD**. Breastfeeding, maternal IgE and total serum IgE in childhood. *J Allergy Clin Immunol* 1999;104:589-594
84. **Martinez FD**, Holt P. The role of microbial burden in the aetiology of allergy and asthma. *Lancet* 1999;354(2):S11 12-15
85. Holberg CJ, Halonen M, Wright AL, Martinez. Familial aggregation and segregation analysis of eosinophil levels. *Am J Respir Crit Care Med* 1999;160:1604-1610
86. **Martinez FD**. Present and future treatment of asthma in infants and young children. *J Allergy Clin Immunol* 1999;104:169-174
87. Graves PE, Kabesch M, Halonen M, Holberg CJ, Baldini M, Fritsch C, Weiland S, Erickson RP, vonMutius E, **Martinez FD**. A cluster of seven tightly linked polymorphisms in the IL-13 gene is associated with total serum IgE levels in three populations of Caucasian children. *J Allergy Clin Immunol* 2000;105:506-513
88. Castro-Rodriguez JA, Holberg CJ, Halonen M, Wright AL, **Martinez FD**. An clinical index to define risk of asthma in children with reactive wheezing. *Am J Resp Crit Care Med* 2000;162:1403-1406
89. Ball T, Castro-Rodriguez JA, Griffith KA, Holberg CJ, **Martinez FD**, Wright AL. Siblings, day care attendance, and the risk of asthma and wheezing during childhood. *NEJM* 2000;343:538-543
90. Kurzius-Spencer M, Holberg CJ, **Martinez FD**, Sherrill DL. Familial correlation and segregation analysis of forced expiratory volume in one second (FEV1), with and without smoking adjustments, in a Tucson population. *Ann Human Biol* 2001;28(2):222-234
91. Castro-Rodriguez JA, Holberg CJ, Morgan, WJ, Wright AL, Halonen M, Taussig LM, **Martinez FD**. The relation of two different subtypes of croup before age 3 to wheezing, atopy and pulmonary function during childhood: a prospective study. *Pediatrics* 2001;107:512-518
92. Vercelli D, M Baldini and F. Martinez. The monocyte/IgE connection: May polymorphisms in the CD14 gene teach us about IgE regulation? *Int. Arch. Allergy Immunol.* 2001;124: 20-24
93. Schweiger A, Stern D, Lohman IC, Baldini M, **Martinez FD**, Halonen M. Differences in proliferation of the hematopoietic cell line TF-1 and cytokine production by peripheral blood leukocytes induced by 2 naturally occurring forms of human IL-3. *JACI* 2001;107:505-510
94. **Martinez FD**. Links between pediatric asthma and adult asthma. *JACI* 2001;107(5):s449-455
95. **Martinez FD**. The coming-of-age of the hygiene hypothesis. *Respir Res.* 2001;2(3):129-32. Review
96. Castro-Rodriguez JA, Holberg C, Morgan WJ, Wright AL, **Martinez FD**. Increased incidence of asthma-like symptoms in girls who become overweight or obese during the school years. *Am J Respir Crit Care Med* 2001;163(6):1344-1349
97. Wright AL, Holberg CJ, Taussig ML, **Martinez FD**. Factors influencing the relation of infant feeding to asthma and recurrent wheeze in childhood. *Thorax* 2001;56:192-197

98. Kurzius-Spencer, M, Sherrill DL, Holberg CJ, **Martinez FD**. Familial correlation in the slope of forced expiratory volume in one second (FEV1). *Annals of Human Biology* 2001;28(2):222-234
99. Remes ST, Castro-Rodriguez JA, Holberg CJ, **Martinez FD**, Wright AL. Dog exposure in infancy decreases the subsequent risk of frequent wheeze but not of atopy. *J Allergy Clin Immunol*. 2001 Oct;108(4):509-15.
100. Patino CM, **Martinez FD**. Gene by environment interactions in the development of asthma. *Allergy* 2001;56:279-286
101. **Martinez FD**. Viruses and atopic sensitization in the first years of life. *Am J Respir Crit Care Med*. 2000 Sep;162(3 Pt 2):S95-9. Review.
102. **Martinez FD**. Context Dependency of Markers of Disease. *Am J Respir Crit Care Med* 2001;162:56-57
103. Kurzius-Spencer M, Sherrill DL, Holberg CJ, **Martinez FD**, Lebowitz MD. Familial correlation in the decline of forced expiratory volume in one second. *Am J Resp Crit Care Med* 2001;164:1261-1265
104. Holberg CK, Halonen M, Solomon S, Graves PE, Baldini M, Erickson RP, **Martinez FD**. Factor analysis of asthma and atopy traits shows 2 major components, one of which is linked to markers on chromosome 5q. *J Allergy Clin Immunol* 2001;108:772-780
105. Karakoc F, Remes S, **Martinez FD**, Wright AL. Association between persistent eosinophil and asthma in childhood is independent of atopic status. *Clin Expir Allergy* 2002 Jan;32:51-56
106. Ball TM, Holberg CJ, Aldous MB, **Martinez FD**, Wright AL. Influence of attendance at day care on the common cold from birth through 13 years of age. *Arch Pediatr Adolesc Med*. 2002 Feb;156(2):121-6.
107. **Martinez FD**. Development of wheezing disorders and asthma in preschool children. *Pediatrics*. 2002 Feb;109(2 Suppl):362-7. Review
108. Baldini M, Vercelli D, **Martinez FD**. CD14: an example of gene by environment interaction in allergic disease. *Allergy*. 2002 Mar;57(3):188-92. Review
109. Guerra S, Sherrill DL, **Martinez FD**, Barbee RA. Rhinitis as an independent risk factor for adult-onset asthma. *J Allergy Clin Immunol*. 2002 Mar;109(3):419-25.
110. Ball TM, Holberg CJ, **Martinez FD**, Wright AL. Is there a common cold constitution? *Ambulatory Pediatrics* 2002 Jul-Aug;2:161-67
111. **Martinez FD**. What have we learned from the Tucson Children's Respiratory Study? *Paediatr Respir Rev*. 2002 Sep;3(3):193-7.
112. Guerra S, Sherrill DL, Bobadilla A, **Martinez FD**, Barbee RA. The relation of body mass index to asthma, chronic bronchitis, and emphysema. *Chest*. 2002 Oct;122(4):1256-63.
113. Lazarus R, Vercelli D, Palmer LJ, Klimecki WJ, Silverman EK, Richter B, Riva A, Ramoni M, **Martinez FD**, Weiss ST, Kwiatkowski DJ. Single nucleotide polymorphisms in innate immunity genes: abundant variation and potential role in complex human disease. *Immunol Rev*. 2002 Dec;190(1):9-25
114. Raby BA, Klimecki WT, Laprise C, Renaud Y, Faith J, Lemire M, Greenwood C, Weiland KM, Lange C, Palmer LJ, Lazarus R, Vercelli D, Kwiatkowski DJ, Silverman EK, **Martinez FD**, Hudson TJ, Weiss ST. Polymorphisms in toll-like receptor 4 are not associated with asthma or atopy-related phenotypes. *Am J Respir Crit Care Med*. 2002 Dec 1;166(11):1449-56.
115. **Martinez FD**. Respiratory syncytial virus bronchiolitis and the pathogenesis of childhood asthma. *Pediatr Infect Dis J*. 2003 (2 Suppl):S76-82. Review
116. Taussig LM, Wright AL, Holberg CJ, Halonen M, Morgan MJ, **Martinez FD**. Tucson Children's Respiratory Study: 1980 to present. *J Allergy Clin Immunol*. 2003 Apr; 111(4):661-75. Review
117. Oddy WH, Halonen M, **Martinez FD**, Lohman IC, Stern DA, Kurzius-Spencer M, Guerra S, Wright AL. TGF-beta in human milk is associated with wheeze in infancy. *J Allergy Clin Immunol*. 2003 Oct;112(4):723-8.
118. Michel O, LeVan TD, Stern D, Dentener M, Thorn J, Gnat D, Beijer ML, Cochaux P, Holt PG, **Martinez FD**, Rylander R. Systematic responsiveness to lipopolysaccharide and polymorphisms in the toll-like receptor 4 gene in human beings. *J Allergy Clin Immunology*. 2003 November; 112(5): 923-9.
119. Kabesch M, Tzotcheva I, Carr D, Hofler C, Weiland SK, Fritzch C, Von Mutius E, **Martinez FD**. A complete screening of the IL4 gene: novel polymorphisms and their association with asthma and IgE in childhood. *J Allergy Clin Immunol*. 2003 November; 112(5): 893-8.
120. Guerra S, Lohman IC, Halonen M, **Martinez FD**, Wright AL. Reduced interferon gamma production and soluble CD14 levels in early life predict recurrent wheezing by 1 year of age. *Am J Respir Crit Care Med*. 2004 January 1; 169(1):70-6
121. Bloom JW, Chacko J, Lohman IC, Halonen M, **Martinez FD**, Miesfeld RL. Differential control of eosinophil survival by glucocorticoids. *Apoptosis*. 2004 January; 9(1):97-104.
122. Crestani E, Guerra S, Wright AL, Halonen M, **Martinez FD**. Parental asthma as a risk factor for the

- development of early skin test sensitization in children. *J Allergy Clin Immunol*. 2004 February; 113(2):284-90.
123. Guerra S, Wright AL, Morgan WJ, Sherrill DL, Holberg CJ, **Martinez FD**. Persistence of Asthma Symptoms during Adolescence: Role of Obesity and Age at Onset of Puberty. *AM J Respir Crit Care Med*. 2004 March 17.
124. Eder W, Klimecki W, Yu L, Von Mutius E, Riedler J, Braun-Fahrlander C, Nowak D, **Martinez FD**. Toll-like receptor 2 as a major gene for asthma in children of European farmers. *J Allergy Clin Immunol*. 2004 March; 113(3): 482-488.
125. Kabesch M, Hasemann K, Schickinger V, Tzotcheva I, Bohnert A, Car D, Baldini M, Hackstein H, Leupold W, Weiland SK, **Martinez FD**, von Mutius E, Bein G. A promoter polymorphism in the CD14 gene is associated with elevated levels of soluble CD14 but not with IgE or atopic diseases. *Allergy*. 2004 May;59(5):520-5.
126. Stein RT, **Martinez FD**. Asthma phenotypes in childhood: lessons from an epidemiological approach. *Paediatr Respir Rev*. 2004 Jun;5(2):155-61.
127. Guilbert TW, Morgan WJ, Krawiec M, Lemanske RF Jr, Sorkness C, Szeffler SJ, Larsen G, Spahn JD, Zeiger RS, Heldt G, Strunk RC, Bacharier LB, Bloomberg GR, Chinchilli VM, Boehmer SJ, Mauger EA, Mauger DT, Taussig LM, **Martinez FD**; Prevention of Early Asthma in Kids Study, Childhood Asthma Research and Education Network. The Prevention of Early Asthma in Kids study: design, rationale and methods for the Childhood Asthma Research and Education Network. *Control Clin Trials*. 2004 Jun;25(3):286-310.
128. Lazarus R, Raby BA, Lange C, Silverman EK, Kwiatkowski DJ, Vercelli D, Klimecki WJ, **Martinez FD**, Weiss ST. Toll-like Receptor 10 (TLR10) Genetic Variation is Associated with Asthma in Two Independent Samples. *Am J Respir Crit Care Med*. 2004 Jun 16.
129. Holt PG, Sly PD, **Martinez FD**, Weiss ST, Bjorksten B, von Mutius E, Wahn U. Drug development strategies for asthma: in search of a new paradigm. *Nat Immunol*. 2004 Jul;5(7):695-8.
130. Tantisira K, Klimecki WT, Lazarus R, Palmer LJ, Raby BA, Kwiatkowski DJ, Silverman E, Vercelli D, **Martinez FD**, Weiss ST. Toll-like receptor 6 gene (TLR6): single-nucleotide polymorphism frequencies and preliminary association with the diagnosis of asthma. *Genes Immun*. 2004 Jul;5(5):343-6.
131. Guerra S, Lohman C, LeVan TD, Wright AL, **Martinez FD**, Halonen M. The Differential Effect of Genetic Variation on Soluble CD14 Levels in Human Plasma and Milk. *Am J Reprod Immunol*. 2004 Sep; 52(3):204-11.
132. Stern D, Lohman IC, Wright AL, Taussig LM, **Martinez FD**, Halonen M. Dynamic Changes in Sensitization to Specific Aeroallergens in Children Raised in a Desert Environment. *Clin Exp Allergy*. 2004 Oct; 34(10):1563-669.
133. Yu L, **Martinez FD**, Klimecki WT. Automated high-throughput sex-typing assay. *Biotechniques*. 2004 Oct; 37(4):662-4
134. Guilbert TW, Morgan WJ, Zeiger RS, Bacharier LB, Boehmer SJ, Krawiec M, Larsen G, Lemanske RF, Liu A, Mauger DT, Sorkness C, Szeffler SJ, Strunk RC, Taussig LM, **Martinez FD**. Atopic characteristics of children with recurrent wheezing at high risk for the development of childhood asthma. *J Allergy Clin Immunol*. 2004 Dec; 114(6):1282-7.
135. Levan TD, Von Essen S, Romberger DJ, Lambert GP, **Martinez FD**, Vasquez MM, Merchant JA. Polymorphisms in the CD14 Gene are Associated with Pulmonary Function in Farmers. *Am J Respir Crit Care Med*. 2005 Apr 1;171(7):773-9.
136. Kurzius-Spencer M, Halonen M, Carla Lohman I, **Martinez FD**, Wright AL. Prenatal factors associated with the development of eczema in the first year of life. *Pediatr Allergy Immunol*. 2005 Feb; 16(1):19-26.
137. Szeffler SJ, Phillips BR, **Martinez FD**, Chinchilli VM, Lemanske RF, Strnk RC, Zeiger RS, Larsen G, Spahn JD, Bacharier LB, Bloomberg GR, Guilbert TW, Heldt G, Morgan WJ, Moss MH, Sorkness CA, Taussig LM. Characterization of within-subject responses to fluticasone and montelukast in childhood asthma. *J Allergy Clin Immunol*. 2005 Feb; 115(2):233-42.
138. Levy H, Raby BA, Lake S, Tantisira KG, Kwiatkowski D, Lazarus R, Silverman EK, Richter B, Klimecki WT, Vercelli D, **Martinez FD**, Weiss ST. Association of defensin beta-1 gene polymorphisms with asthma. *J Allergy Clin Immunol*. 2005 Feb; 115(2):252-8.
139. Hoffjan S, Nicolae D, Ostrovnya I, Roberg K, Evans M, Mirel DB, Steiner L, Walker K, Shult P, Gangnon RE, Gern JE, **Martinez FD**, Lemanske RF, Ober C. Gene-environment interaction effects on the development of immune responses in the 1<sup>st</sup> year of life. *Am J Hum Genet*. 2005 Apr; 76(4):696-704.
140. Sherrill DL, Guerra S, Minervini CM, Wright AL, **Martinez FD**. The relation of rhinitis to recurrent cough and wheezing: A longitudinal study. *Respir Med*. 2005 Nov;99(11):1377-85.
141. Guerra S, Graves PE, Morgan WJ, Sherrill DL, Holberg CJ, Wright AL, **Martinez FD**. Relation of beta2-adrenoceptor polymorphisms at codons 16 and 27 to persistence of asthma symptoms after the onset of puberty. *Chest*. 2005 Aug; 128(2):609-17.

142. Morgan WJ, Stern DA, Sherrill DL, Guerra S, Holberg CJ, Guilbert TW, Taussig LM, Wright AL, **Martinez FD**. Outcome of Asthma and Wheezing in the First Six Years of Life: Follow-up through Adolescence. *Am J Respir Crit Care Med*. 2005 Nov 15;172(10):1253-8.
143. **Martinez FD**. Heterogeneity of the Association between Lower Respiratory Illness in Infancy and Subsequent Asthma. *Proc Am Thorac Soc*. 2005; 2(2):157-61.
144. Eder W, Klimecki W, Yu L, von Mutius E, Riedler J, Braun-Fahrlander C, Nowak D, **Martinez FD**, The Allergy and Endotoxin Alex Study Team. Opposite effects of CD14/0260 on serum IgE levels in children raised in different environments. *J Allergy Clin Immunol*. 2005 Sep;116(3):601-7.
145. Graves PE, Siroux V, Guerra S, Klimecki WT, **Martinez FD**. Association of atopy and eczema with polymorphisms in T-cell immunoglobulin domain and mucin domain-IL-2-inducible T-cell kinase gene cluster in chromosome 5q33. *J Allergy Clin Immunol*. 2005 Sep;116(3):650-6.
146. **Martinez FD**. Gene-environment interactions in asthma and allergic allergies: a new paradigm to understand disease causation. *Immunol Allergy Clin North Am*. 2005 Nov; 25(4):709-21.
147. Zeiger RS, Szeffler SJ, Phillips BR, Schatz M, **Martinez FD**, Chinchilli VM, Lemanske RF Jr, Strunk RC, Larsen G, Spahn JD, Bacharier LB, Bloomberg GR, Guilbert TW, Heldt G, Morgan WJ, Moss MH, Sorkness CA, Taussig LM; Childhood Asthma Research and Education Network of the National Heart, Lung and Blood Institute. Response profiles to fluticasone and montelukast in mild-to-moderate persistent childhood asthma. *J Allergy Clin Immunol*. 2006 Jan; 117(1):45-52.
148. LeVan TD, Guerra S, Klimecki W, Vasquez MM, Lohman IC, **Martinez FD**, Halonen M, Wright AL. The impact of CD14 polymorphisms on the development of soluble CD14 levels during infancy. *Genes Immun*. 2006 Jan; 7(1):77-80.
149. Wright AL, Stern DA, Kauffmann F, **Martinez FD**. Factors influencing gender differences in the diagnosis and treatment of asthma in childhood: The Tucson Children's Respiratory Study. *Pediatr Pulmonol*. 2006 Apr; 41(4):318-25.
150. Guilbert TW, Morgan WJ, Zeiger RS, Mauger DT, Boehmer SJ, Szeffler SJ, Bacharier LB, Lemanske RF Jr, Strunk RC, Allen DB, Bloomberg GR, Heldt G, Krawiec M, Larsen G, Liu AH, Chinchilli VM, Sorkness CA, Taussig LM, **Martinez FD**. Long-term inhaled corticosteroids in preschool children at high risk for asthma. *N Engl J Med*. 2006 May; 354(19):2058-60.
151. Vercelli D, **Martinez FD**. The Faustian bargain of genetic association studies: bigger might not be better, or at least it might not be good enough. *J Allergy Clin Immunol*. 2006 June; 117(6):1306-13.
152. Eder W, Klimecki W, Yu L, von Mutius E, Riedler J, Braun-Fhrlander C, Nowak D, Holst O, **Martinez FD**, the ALEX Team. Association between exposure to farming, allergies and genetic variation on CARD4/NOD1. *Allergy*. 2006 Sep;61(9):1117-24.
153. **Martinez FD**. Serious Adverse Events and Death Association with Treatment Using Long-Acting beta-Agonists. *Clin Rev Allergy Immunol*. 2006 Oct; 31(2-3): 269-78.
154. **Martinez FD**. Asthma Treatment and Asthma Prevention: A tale of 2 parallel pathways. *J Allergy Clin Immunol*. 2007 Jan; 119(1):30-3. Epub 2006 Nov 27.
155. Sorkness CA, Lemanske RF Jr, Mauger DT, Boehmer SJ, Chinchilli VM, **Martinez FD**, Strunk RC, Szeffler SJ, Zeiger RS, Bacharier LB, Bloomberg GR, Covar RA, Guilbert TW, Heldt G, Larsen G, Mellon MH, Morgan MJ, Moss MH, Spahn JD, Taussig LM; for the Childhood Asthma Research and Education Network of the National Heart, Lung, and Blood Institute. Long-term comparison of 3 controller regimens for mild-moderate persistent childhood asthma: The Pediatric Asthma Controller Trial. *J Allergy Clin Immunol*. 2007 Jan;119(1):64-72. Epub Nov 30. Erratum in: *J Allergy Clin Immunol* 2007 Aug;120(2):285.
156. **Martinez FD**. Genes, environments, development and asthma: a reappraisal. *Eur Respir J*. 2007 Jan; 29(1):179-84.
157. **Martinez FD**. Gene-environment interactions in asthma: with apologies to William of Ockham. *Proc Am Thorac Soc*. 2007;4(1):26-31.
158. **Martinez FD**. CD14, Endotoxin, and Asthma Risk: Actions and Interactions. *Proc Am Thorac Soc*. 2007 Sep; 4(3):221-5.
159. Stern DA, Guerra S, Halonen M, Wright AL, **Martinez FD**. Low IFN-gamma production in the first year of life as a predictor of wheeze during childhood. *J Allergy Clin Immunol*. 2007 October; 120(4):835-841.
160. Guilbert TW, Stern DA, Morgan WJ, **Martinez FD**, Wright AL. Effect of Breastfeeding on Lung Function in Childhood and Modulation by Maternal Asthma and Atopy. *Am J Respir Crit Care Med*. 2007 Aug 9; 176: 843-848.
161. Stern DA, Morgan WJ, Wright AL, Guerra S, **Martinez FD**. Poor airway function in early infancy and lung function by age 22 years: a non-selective longitudinal cohort study. *Lancet*. 2007 Sep 1; 370(9589): 758-64.

162. Bieli C, Eder W, Frei R, Braun-Fahrlander C, Klimecki W, Waser M, Riedler J, von Mutius E, Scheynius A, Pershagen G, Doekes G, Lauener R, **Martinez FD**, The Parsifal Study Team. A polymorphism in CD14 modified the effect of farm milk consumption on allergic diseases and CD14 gene expression. *J Allergy Clin Immunol*. 2007 Dec; 120(6):1308-1315.
163. Guerra S, **Martinez FD**. Asthma Genetics: From linear to multifactorial approaches. *Annu Rev Med*. 2008; 59:327-41.
164. Levan TD, Michel O, Dentener M, Thorn J, Vertongen F, Beijer L, **Martinez FD**. Association between CD14 polymorphisms and serum soluble CD14 levels: Effect of atopy and endotoxin inhalation. *J Allergy Clin Immunol*. 2008 Feb; 121(2):434-440.
165. **Martinez FD**. Trends in asthma prevalence, admission rates, and asthma deaths. *Respir Care*. 2008 May; 53(5):561-5.
166. Tebow G, Sherrill DL, Lohman IC, Stern DA, Wright AL, **Martinez FD**, Halonen M, Guerra S. Effects of parental smoking on interferon gamma production in children. *Pediatrics*. 2008 June; 121(6):e1563-9
167. Guerra S, Sherrill DL, Kurzius-Spencer M, Venker C, Halonen M, Quan SF, **Martinez FD**. The course of persistent airflow limitation in subjects with and without asthma. *Respir Med*. 2008; 102(10):1473-82
168. Stern DA, Morgan WJ, Halonen M, Wright AL, **Martinez FD**. Wheezing and bronchial hyper-responsiveness in early childhood as predictors of newly diagnosed asthma in early adulthood: a longitudinal birth-cohort study. *Lancet*. 2008 Sep 20;372(9643):1058-64.
169. Strunk RC, Bacharier LB, Phillips BR, Szeffler SJ, Zeiger RS, Chinchilli VM, **Martinez FD**, Lemanske RF Jr, Taussig LM, Mauger DT, Morgan WJ, Sorkness CA, Paul IM, Guilbert T, Krawiec M, Covar R, Larsen G; CARE Network. Azithromycin or montelukast as inhaled corticosteroid-sparing agents in moderate-to-severe childhood asthma study. *J Allergy Clin Immunol*. 2008 Dec;122(6):1138-1144.e4. Epub 2008 Oct 25.
170. Bacharier LB, Phillips BR, Zeiger RS, Szeffler SJ, **Martinez FD**, Lemanske RF Jr, Sorkness CA, Bloomberg GR, Morgan WJ, Paul IM, Guilbert T, Krawiec M, Covar R, Larsen G, Mellon M, Moss MH, Chinchilli VM, Taussig LM, Strunk RC; CARE Network. Episodic use of an inhaled corticosteroid or leukotriene receptor antagonist in preschool children with moderate-to-severe intermittent wheezing. *J Allergy Clin Immunol*. 2008 Dec;122(6):1127-1135.e8. Epub 2008 Oct 30.
171. Covar RA, Szeffler SJ, Zeiger RS, Sorkness CA, Moss M, Mauger DT, Boehmer SJ, Strunk RC, **Martinez FD**, Taussig LM. Factors associated with asthma exacerbations during a long-term clinical trial of controller medications in children. *J Allergy Clin Immunol*. 2008 Oct;122(4):741-747.e4.
172. Abman S, Jobe A, Chernick V, Blaisdell C, Castro M, Ramirez MI, Gern JE, Cutting G, Redding G, Hagood JS, Whitsett J, Abman S, Raj JU, Barst R, Kato GJ, Gozal D, Haddad GG, Prabhakar NR, Gauda E, **Martinez FD**, Tepper R, Wood RE, Accurso F, Teague WG, Venegas J, Cole FS, Wright RJ, Gail D, Hamvas A, Kercksmar C, Kiley J, Weinmann G; NHLBI working group report. Strategic plan for pediatric respiratory diseases research: an NHLBI working group report.. *Pediatr Pulmonol*. 2009 Jan;44(1):2-13.
173. Beasley R, **Martinez FD**, Hackshaw A, Rabe KF, Sterk PJ, Djukanovic R. Safety of long-acting beta-agonists: urgent need to clear the air remains. *Eur Respir J*. 2009 Jan;33(1):3-5.
174. Knuffman JE, Sorkness CA, Lemanske RF Jr, Mauger DT, Boehmer SJ, **Martinez FD**, Bacharier LB, Strunk RC, Szeffler SJ, Zeiger RS, Taussig LM; for the Childhood Asthma Research and Education Network of the National Heart, Lung, and Blood Institute. Phenotypic predictors of long-term response to inhaled corticosteroid and leukotriene modifier therapies in pediatric asthma. *J Allergy Clin Immunol*. 2009 Feb;123(2):411-6. Epub 2009 Jan 3.]
175. Castro M, Ramirez MI, Gern JE, Cutting G, Redding G, Hagood JS, Whitsett J, Abman S, Raj JU, Barst R, Kato GJ, Gozal D, Haddad GG, Prabhakar NR, Gauda E, **Martinez FD**, Tepper R, Wood RE, Accurso F, Teague WG, Venegas J, Cole FS, Wright RJ. Strategic Plan for Pediatric Respiratory Diseases Research: An NHLBI Working Group Report. *Proc Am Thorac Soc*. 2009 Jan;6(1):1-10.
176. Bacharier LB, Guilbert TW, Zeiger RS, Strunk RC, Morgan WJ, Lemanske RF Jr, Moss M, Szeffler S, Krawiec M, Boehmer S, Mauger D, Taussig LM, **Martinez FD**, Childhood Asthma Research and Education Network of the National Heart Lung and Blood Institute. Patient characteristics associated with improved outcomes with use of inhaled corticosteroids in preschool children at risk for asthma. *J Allergy Clin Immunol*. 2009 May;123(5):1077-82. Epub 2009 Feb 23.
177. Rivera-Spoljaric K, Chinchilli VM, Camera LJ, Zeiger RS, Paul IM, Phillips BR, Taussig LM, Strunk RC, Bacharier LB; Childhood Asthma Research and Education (CARE) Network of the National Heart Lung, and Blood Institute. Signs and symptoms that precede wheezing in children with a pattern of moderate-to-severe intermittent wheezing. *J Pediatr*. 2009 Jun;154(6):877-81.e4. Epub 2009 Mar 25.
178. **Martinez FD**. Managing childhood asthma: challenge of preventing exacerbations. *Pediatrics*. 2009 Mar;124

- Suppl 3:S146-50.
179. Guerra S, Sherrill DL, Venker C, Ceccato CM, Halonen M, **Martinez FD**. Chronic Bronchitis Before Age 50 Years Predicts Incident Airflow Limitation and Mortality Risk. *Thorax*. 2009 Oct;64(10):894-900 [Epub 2009 Jul 5].
  180. Koppelman GH, Meyers DA, Howard TD, Zheng SL, Hawkins GA, Ampleford EJ, Xu J, Konging H, Bruinenberg M, Nolte IM, van Diemen CC, Boezen HM, Times W, Whittaker PA, Stine OC, Barton SJ, Holgate ST, Graves PE, **Martinez FD**, van Oosterhout A, Bleecker ER, Postma DS. Identification of PCDH1 as a Novel Susceptibility Gene for Bronchial Hyperresponsiveness. *Am J Respir Crit Care Med*. 2009 Nov 15;180(10):929-35. Epub 2009 Sep 3.
  181. **Martinez FD**. The connection between early life wheezing and subsequent asthma: the viral march. *Allego Immunopathol (madr)*. 2009 Sep-Oct;37(5):249-51.
  182. Simpson A, **Martinez FD**. The role of lipopolysaccharide in the development of atopy in humans. *Clin Exp Allergy*. 2009 Nov 25. [Epub ahead of print]
  183. Guerra S, **Martinez FD**. Epidemiology of the origins of airflow limitation in asthma. *Proc Am Thorac Soc*. 2009 Dec;6(8):707-11.
  184. Maier RM, Palmer MW, Andersen GL, Halonen MJ, Josephson KC, Maier RS, **Martinez FD**, Neilson JW, Stern DA, Vercelli D, Wright AL. Environmental determinants of and impact on childhood asthma by the bacterial community in household dust. *Appl Environ Microbiol*. 2010 Apr;76(9):2663-7. Epub 2010 Feb 2.
  185. Lemanske RF Jr, Mauger DT, Sorkness CA, Jackson DJ, Boehmer SJ, **Martinez FD**, Strunk RC, Szeffler SJ, Zeiger RS, Bacharier LB, Covar RA, Guilbert TW, Larsen G, Morgan WJ, Moss MH, Spahn JD, Taussig LM, Childhood Asthma Research and Education (CARE) Network of the National Heart, Lung, and Blood Institute. Set-up therapy for children with uncontrolled asthma receiving inhaled corticosteroids. *N Engl J Med*. 2010 Mar 18;362(11):975-85. Epub 2010 Mar 2.
  186. **Martinez FD**, Fabbri LM. Genetics, ethics, and the use of long-acting beta-adrenergics to treat asthma. *Am J Respir Crit Care Med*. 2010 Apr 1;181(7):647-8.
  187. Bosco A, Ehteshami S, Stern DA, **Martinez FD**. Decreased activation of inflammatory networks during acute asthma exacerbations is associated with chronic airflow obstruction. *Mucosal Immunol*. 2010 Jul;3(4):399-409. Epub 2010 Mar 24.
  188. Guerra S, Sherrill DL, Venker C, Ceccato CM, Halonen M, **Martinez FD**. Morbidity and mortality associated with the restrictive spirometric pattern: a longitudinal study. *Thorax*. 2010 Jun;65(6):499-504.
  189. Brozek JL, Bousquet J, Baena-Cagnani CE, Bonini S, Canonica GW, Casale TB, van Wijk RG, Ohta K, Zuberbier T, Schunemann HJ, Global Allergy and Asthma European Network: Grading of Recommendations Assessment, Development and Evaluation Working Group. *J Allergy Clin Immunol*. 2010 Sep;126(3):466-76.
  190. Garcia-Marcos L, **Martinez FD**. Multitrigger versus episodic wheeze in toddlers: new phenotypes or severity markers? *J Allergy Clin Immunol*. 2010 Sep;126(3):489-90.
  191. Rabinovitch N, Graber NJ, Chinchilli VM, Sorkness CA, Zeiger RS, Strunk RC, Bacharier LB, **Martinez FD**, Szeffler SJ; Childhood Asthma Research and Education Network of the National Heart, Lung and Blood Institute. Urinary leukotriene E4/exhaled nitric oxide ratio and montelukast response in childhood asthma. *J Allergy Clin Immunology*. 2010 Sep;126(3):545-51.e1-4.
  192. Stein RT, **Martinez FD**. Respiratory syncytial virus and asthma: still no final answer. *Thorax*. 2010 Dec;65(12):1033-4. Epub 2010 Oct 26.
  193. Wang L, Hollenbeak CS, Mauger DT, Zeiger RS, Paul IM, Sorkness CA, Lemanske RF Jr., **Martinez FD**, Strunk RC, Szeffler SJ, Taussig LM; Childhood Asthma Research and Education Network of the National Heart, Lung, and Blood Institute. Cost-effectiveness analysis of fluticasone versus montelukast in children with mild-to-moderate persistent asthma in the Pediatric Asthma Controller Trial. *J Allergy Clin Immunol*. 2011 Jan;127(1):161-6, 166.e1.
  194. Bousquet J, Anto J, Auffray C, Akdis M, Cambon-Thomsen A, Keil T, Haahtela T, Lambrecht BN, Postma DS, Sunyer J, Valenta R, Akdis CA, Annesi-Maesano I, Arno A, Bachert C, Ballester F, Basagana X, Baumgartner U, Bindslev-Jensen C, Brunekreef B, Carlsen KH, Chatzi L, Cramer R, Eveno E, Forastiere F, Garcia-Aymerich J, Guerra S, Hammad H, Heinrich J, Hirsch D, Jacquemin B, Kauffmann F, Kerkhof M, Kogevinas M, Koppelman GH, Kowalski ML, Lau S, Lodrup-Carlsen KC, Lopez-Botet M, Lotvall J, Lupinek C, Maier D, Makela MJ, **Martinez FD**, Mestres J, Momas I, Nawijn MC, Neubauer A, Oddie S, Palkonen S, Pin I, Pison C, Rancé F, Reitamo S, Rial-Sebbag E, Salapatas M, Siroux V, Smagghe D, Torrent M, Toskala E, van Cauwenberge P, van Oosterhout AJ, Varraso R, von Hertzen L, Wickman M, Wijmenga C, Worm M, Wright J, Zuberbier T. MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from

- phenotypes to systems medicine. *Allergy*. 2011 Jan 24. doi: 10.1111/j.1398-9995.2010.02534.x. [Epub ahead of print].
195. Custovic A, Rothers J, Stern D, Simpson A, Woodcock A, Wright AL, Nicolaou NC, Hankinson J, Halonen M, **Martinez FD**. Effect of day care attendance on sensitization and atopic wheezing differs by Toll-like receptor 2 genotype in 2 population-based birth cohort studies. *J Allergy Clin Immunol*. 2011 Feb;127(2):390-397.e1-9.
196. **Martinez FD**, Chinchilli VM, Morgan WJ, Boehmer SJ, Lemanske RF Jr, Mauger DT, Strunk RC, Szeffler SJ, Zeiger RS, Bacharier LB, Bade E, Covar RA, Friedman NJ, Guilbert TW, Heidarian-Raissy H, Kelly HW, Malka-Rais J, Mellon MH, Sorkness CA, Taussig L. Use of beclomethasone dipropionate as rescue treatment for children with mild persistent asthma (TREXA): a randomized, double-blind, placebo-controlled trial. *Lancet*. 2011 Feb 19;377(9766):650-7. Epub 2011 Feb 14.
197. Sherrill DL, Guerra S, Wright AL, Morgan WJ, **Martinez FD**. Relation of early childhood growth and wheezing phenotypes to adult lung function. *Pediatr Pulmonol*. 2011 Apr 25. *PMID: 21520441*
198. Mosteckı J, Cassel SL, Klimecki WT, Stern DA, Knisz J, Iwashita S, Graves P, Miller RL, van Peer M, Halonen M, **Martinez FD**, Vercelli D, Rothman PB. A SOCS-1 Promoter Variant is Associated with Total Serum IgE Levels. *J Immunol*. 2011 Jul 27. [Epub ahead of print]. *PMID: 21795592*
199. Guilbert TW, Mauger DT, **Martinez FD**, Childhood Asthma Research and Education Network of the National Heart, Lung and Blood Institute. Growth of preschool children at high risk for asthma 2 years after discontinuation of fluticasone. *J Allergy Clin Immunol*. 2011 Aug 3. [Epub ahead of print]. *PMID: 21820163*
200. Mexico City Childhood Asthma Study (MCAAS), Childhood Asthma Research and Education (CARE) Network, **Martinez FD**, Childhood Asthma Management Program (CAMP), Nicolae DL. Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. *Nat Genet*. 2011 Jul 31; 43(9): 887-92. doi: 10.1038/ng.88. *PMID: 21894549*
201. Mosteckı J, Cassel SL, Klimecki WT, **Martinez FD**, Vercelli D, Rothman PB. A SOCS-1 Promoter Variant is Associated with Total Serum IgE Levels. *J Immunol*. 2011 Sep 1; 187(5):2794-802. Epub 2011 Jul 27. *PMID: 21795592*
202. Sherril DL, Guerra S, Wright AL, Morgan WJ, **Martinez FD**. Relation of early childhood growth and wheezing phenotypes to adult lung function. *Pediatr Pulmonol*. 2011 Oct; 46(10): 956-63. doi: 10.102/ppul.2147. Epub 2011 Apr 24. *PMID: 21520441*
203. **Martinez FD**, Chinchilli VM, Morgan WJ, Boehmer SJ, Lemanske RF Jr, Mauger DT, Taussig L. Use of beclomethasone dipropionate as rescue treatment of r children with mild persistent asthma (TREXA): a randomized, double blind, placebo-controlled trial. *Lancet*. 211 Feb 10:377(9766): 659-7. Epub 2011 Feb 14. *PMID: 21324520*
204. Torgerson DG, Ampleford EJ, Chiu GY, Gauderman WJ, Gignoux Cr, Graves PE, Himes BE, Levin AM, Mathias RA, Hancock DB, Baurley JW, Eng C, Stern DA, Celedón JC, Rafaels N, Capurso D, Conti DV, Roth LA, Soto-Quiros M, Togias A, Li X, Myers RA, Romieu I, Van Den Berg DJ, Hu D, Hansel NN, Hernandez RD, Israel E, Salam MT, Galanter J, Avila PC, Avila L, Rodriguez-Santana JR, Chapela R, Rodriguez-Cintron W, Diette GB, Adkinson NF, Abel RA, Ross KD, Shi M, Faruque MU, Dunston GM, Watson HR, Mantese VJ, Ezurum SC, Liang L, Ruczinski I, Ford JG, Huntsman S, Chung KF, Vora H, Li X, Calhoun WJ, Castro M, Sienra-Monge JJ, del Rio-Navarro B, Deichman KA, Heinzmann A, Wenzel SE, Busse WW, Gern JE, Lemanske RF Jr, Beaty TH, Bleecker ER, Raby BA, Meyers DA, London SJ; Mexico City Childhood Asthma Study (MCAAS), Gilliland Fd Children’s Health Study (CHS) and HARBORS study, Burchard EG; Genetics of Asthma in Latino Americans (GALA) Study, Study of Genes-Environment and Admixture in Latino Americans (GALA2) and African Americans, Asthma, Genes & Environments (SAGE) **Martinez FD**; Childhood Asthma Research and Education (CARE) Network, Weiss St; Childhood Asthma Management Program (CAMP), Williams LK; Study of Asthma Phenotypes and Pharmacogenomic Interactions by Race-Ethnicity (SAPPHIRE) Barnes KC; Genetic Research on Asthma in African Diaspora (GRAAD) Study, Ober C, Nicolae DL. Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. *Nat Genet*. 2011 Jul 31;43(9):887-92. doi:10.1038/ng.888. *PMID: 21804549*
205. **Martinez FD**, Trejo-Acevedo A, Betanzos AF, Espinosa-Reyes G, Alegria-Torres JA, Maldonado IN. Assessment of DDT and DDe levels in soil, dust, and blood samples of Chihuahua, Mexico. *Arch Environ Contam Toxicol*. 2012 Feb; 62(2): 351-8. Epub 2011 Aug 7. *PMID: 21822982*
206. Guerra S, **Martinez FD**. Is allergy an asthmatic disease? *Arch Bronconeumol*. 2011 Oct; 47(10): 479-81. doi:10.1016/j.arbres.2011.05.016. Epub 2011 Sep 16. Eng, Spanish. No abstract available. *PMID: 21925784*
207. Tantisira KG, Lasky-Su J, Harada M, Murphy A, Litonjua AA, Himes BE, Lange C, Lazarus R, Sylvia J, Klanderman B, Duan QL, Qiu W, Hirota T, **Martinez FD**, Mauger D, Sorkness C, Szeffler S, Lazarus SC, Lemanske RF Jr, Peters SP, Lima JJ, Nakamura Y, Tamari M, Weiss ST. *N Engle J Med*. 2011 Sep



- 20;365(13):1173-83. Epub 2011 Sep 26. PMID: 21991891
208. Kurzius-Spencer M, Guerra S, Sherrill DL, Halonen M, Elston RC, **Martinez FD**. Familial aggregation of allergen-specific sensitization and asthma. *Pediatr Allergy Immunol*. 2012 Feb; 23(1): 21-7. doi: 10.1111/j.1399-3038.2011.01220.x. Epub 2011 Oct 21. PMID: 22017397
209. **Martinez FD**. New insights into the natural history of asthma: primary prevention on the horizon. *J Allergy Clin Immunol*. 2011 Nov; 128(5): 939-45. Review. PMID: 22036094 [PubMed – indexed for MEDLINE].
210. Zeiger RS, Mauger D, Bacharier LB, Guilbert TW, **Martinez FD**, Lemanske RF Jr, Strunk RC, Covar R, Szeffler SJ, Boehmer S, Jackson DJ, Sorkness CA, Gern JE, Kelly HW, Friedman NJ, Mellon MH, Schatz M, Morgan WJ, Chinchilli VM, Raissy HH, Bade E, Malka-Rais J, Beigelman A, Taussig LM; CARE Network of the National Heart, Lung and Blood Institute. Daily or intermittent budesonide in preschool children with recurrent wheezing. *N Engl J Med*. 2011 Nov 24; 365(21): 1990-2001. PMID: 22111718
211. Bosco A, Ehteshanu S, Panyalal S, **Martinez FD**. Interferon regulatory factor 7 is a major hub connecting interferon-mediated responses in virus-induced asthma exacerbations in vivo. *J Allergy Clin Immunol*. 2012 Jan; 129(1): 88-94. Epub 2011 Nov 23. PMID: 221112518
212. **Martinez FD**. Children, asthma, and proton pump inhibitors: costs and perils of therapeutic creep. *JAMA*. 2012 Jan 25; 307(4): 406-7. No abstract available. PMID: 22274689 [PubMed – indexed for MEDLINE].
213. Torgerson DG, Capurso D, Mathias RA, Graves PE, Hernandez RD, Beaty TH, Bleecker ER, Raby BA, Meyers DA, Barnes KC, Weiss ST, **Martinez FD**, Nicolae DL, Ober C. Resequencing candidate genes implicates rare variants in asthma susceptibility. *Am J Hum Genet*. 2012 Feb 10;90(2):273-81. PMID: 22325360
214. Antó JM, Pinart M, Akdis M, Auffray C, Bachert C, Basagaña X, Carlsen KH, Guerra S, von Hertzen L, Illi S, Kauffman F, Keil T, Kiley JP, Koppelman GH, Lupinek C, **Martinez FD**, Nawijn MC, Postma DS, Siroux V, Smit HA, Sterk PJ, Sunyer J, Valenta R, Valverde S, Akdis CA, AnnesipMaesano I, Ballester F, Benet M, Cambon-Thomsen A, Chatzi L, Coquet J, Demoly P, Gan W, Garcia-Aymerich J, Gimeno-Santos E, Guihenneuc-Jouyaux C, Haahtela T, Heinrich J, Herr M, Hohmann C, Hacquemain B, Just J, Kerckhof M, Kogevinas M, Kowalski ML, Lambrecht BN, Lau S, Lødrup Carlsen KC, Maier D, Momas I, Noel P, Oddie S, Palkonen S, Pin I, Porta D, Punturieri A, Rancière F, Smith RA, Stanic B, Stein RT, van de Veen W, van Oosterhout AJ, Varraso R, Wichman M, Wijmenga C, Wright J, Yaman G, Zuberbier T, Bousquet J; Understanding the complexity of IgE-related phenotypes from childhood to young adulthood: A Mechanisms of the Development of Allergy (MeDALL) Seminar. WHO Collaborating Centre on Asthma and Rhinitis (Montpellier). *J Allergy Clin Immunol*. 2012 Apr;129(4): 943-954.e4. Epub 2012 Mar 3. PMID: 22386796
215. Fuhlbrigge A, Peden D, Apter AJ, Boushey HA, Camargo CA Jr, Gern J, Heymann PW, **Martinez FD**, Mauger D, Teague WG, Blaisdell C. Asthma outcomes:exacerbations. *J Allergy Clin Immunol*. 2012 Mar; 129(3 Suppl): S34-48. PMID: 22386508 [PubMed – in process].
216. Simpson A, Custovic A, Tepper R, Graves P, Stern DA, Jones M, Hankinson J, Surtin JA, Wu J, Blekic M, Bukvic BK, Aberle N, Marinho S, Belgrave D, Morgan WJ, **Martinez FD**. Genetic Variation in Vascular Endothelial Growth Factor-A and Lung Function. *Am J Respir Crit Care Med*. 2012 Mar 29. [Epub ahead of print] PMID: 22461367/ PMCID: PMC3373065
217. Tantisira KG, Damask A, Szeffler SJ, Schuemann B, Markezich A, Su J, Klanderman B, Sylvia J, Wu R, **Martinez FD**, Boushey HA, Chinchilli VM, Mauger D, Weiss ST, Israel E; SHARP Investigators. Genome-wide association identifies the T gene as a novel pharmacogenetic locus. *Am J Respir Crit Care Med*. 2012 Jun 15;185(12):1286-91. Epub 2012 Apr 26. PMID:22538805/ PMCID: PMC3381232
218. **Martinez FD**. Lansoprazole of no benefit in children with asthma: a randomized control trial. *J Pediatr*. 2012 Jul;161(1):170. PMID: 22726330
219. Himes BE, Jiang X, Hu R, Wu AC, Lasky-Su JA, Klanderman BJ, Ziniti J, Senter-Sylvia J, Lima JJ, Irvin CG, Peters SP, Meyers DA, Bleecker ER, Kubo M, Tamari M, Nakamura Y, Szeffler SJ, Lemanske RF Jr, Zeiger RS, Strunk RC, **Martinez FD**, Hanrahan JP, Koppelman GH, Postma DS, Nieuwenhuis MA, Vonk JM, Panettieri RA Jr, Markezich A, Israel E, Carey VJ, Tantisira KG, Litonjua AA, Lu Q, Weiss ST. Genome-wide association analysis in asthma subjects identifies SPATS2L as a novel bronchodilator response gene. *PLoS Genet*. 2012 Jul;8(7):e1002824. Epub 2012 Jul 5. PMID: 22792082/ PMCID: PMC3390407
220. Bousquet J, Schünemann HJ, Samolinski B, Demoly P, Baena-Cagnani CE, Bachert C, Bonini S, Boulet LP, Bousquet PJ, Brozek JL, Canonica GW, Casale TB, Cruz AA, Fokkens WJ, Fonseca JA, Gerth van Wijk R, Grouse L, Haahtela T, Khaltaev N, Kuna P, Lockey RF, Lodrup Carlsen KC, Mullol J, Naclerio R, O'Hehir RE, Ohta K, Palkonen S, Papadopoulos NG, Passalacqua G, Pawankar R, Price D, Ryan D, Simons FE, Togias A, Williams D, Yorgancioglu A, Yusuf OM, Aberer W, Adachi M, Agache I, Ait-Khaled N, Akdis CA, Andrianarisoa A, Annesi-Maesano I, Ansotegui IJ, Baiardini I, Bateman ED, Bedbrook A, Beghé B, Beji M, Bel EH, Ben

- Kheder A, Bennoor KS, Bergmann KC, Berrissoul F, Bieber T, Bindsløv Jensen C, Blaiss MS, Boner AL, Bouchard J, Braido F, Brightling CE, Bush A, Caballero F, Calderon MA, Calvo MA, Camargos PA, Caraballo LR, Carlsen KH, Carr W, Cepeda AM, Cesario A, Chavannes NH, Chen YZ, Chiriac AM, Chivato Pérez T, Chkhartishvili E, Ciprandi G, Costa DJ, Cox L, Custovic A, Dahl R, Darsow U, De Blay F, Deleanu D, Denburg JA, Devillier P, Didi T, Dokic D, Dolen WK, Douagui H, Dubakiene R, Durham SR, Dykewicz MS, El-Gamal Y, El-Meziane A, Emuzyte R, Fiocchi A, Fletcher M, Fukuda T, Gamkrelidze A, Gereda JE, Diaz SG, Gotua M, Guzmán MA, Hellings PW, Hellquist-Dahl B, Horak F, O'B Hourihane J, Howarth P, Humbert M, Ivancevich JC, Jackson C, Just J, Kalayci O, Kaliner MA, Kalyoncu AF, Keil T, Keith PK, Khayat G, Kim YY, Koffi N'goran B, Koppelman GH, Kowalski ML, Kull I, Kvedariene V, Larenas-Linnemann D, Le LT, Lemièrre C, Li J, Lieberman P, Lipworth B, Mahboub B, Makela MJ, Martin F, Marshall GD, **Martinez FD**, et al. Allergic Rhinitis and its Impact on Asthma (ARIA): Achievements in 10 years and future needs. *J Allergy Clin Immunol*. 2012 Nov. 130(5): 1049-1062. *PMID: 23040884*
221. Myers RA, Himes BE, Gignoux CR, Yang JJ, Gauderman WJ, Rebordosa C, Xie J, Torgerson DG, Levin AM, Baurley J, Graves PE, Mathias RA, Romieu I, Roth LA, Conti D, Avila L, Eng C, Vora H, Lenoir MA, Soto-Quiros M, Liu J, Celedón JC, Farber HJ, Kumar R, Avila PC, Meade K, Serebrisky D, Thyne S, Rodriguez-Cintron W, Rodriguez-Santana JR, Borrell LN, Lemanske RF Jr, Bleecker ER, Meyers DA, London SJ, Barnes KC, Raby BA, **Martinez FD**, Gilliland FD, Williams LK, Burchard EG, Weiss ST, Nicolae DL, Ober C. Further replication studies of the EVE Consortium meta-analysis identifies 2 asthma risk loci in European Americans. *J Allergy Clin Immunol*. 2012 Oct 4. pii: S0091-6749(12)01308-5. doi: 10.1016/j.jaci.2012.07.054. *PMID: 23040885*
222. Levin AM, Mathias RA, Huang L, **Martinez FD**, et al. A meta-analysis of genome-wide association studies for serum total IgE in diverse study populations. *J Allergy Clin Immunol*. 2012 Dec. 130(6): 1294-1301. *PMID: 23146381*
223. Lasky-Su, Himes BE, Raby BA, Klanderman BJ, Sylvia JS, Lange C, Melen E, **Martinez FD**, et al. HLA-DQ strikes again: genome-wide association study further confirms HLA-DQ in the diagnosis of asthma among adults. *Clin Ex Allergy*. 2012 Dec;42(12):1724-33. *PMID: 23181788*
224. Marri PR, Stern DA, Wright AL, Billheimer D, **Martinez FD**. Asthma-associated differences in microbial composition of induced sputum. *J Allergy Clin Immunol*. 2013 Feb. 131(2): 346-352.e3. *PMID: 23265859*
225. Himes BE, Sheppard K, Berndt A, Leme AS, **Martinez FD**, et al. Integration of Mouse and Human Genome-Wide Association Data Identifies KCNIP4 as an Asthma Gene. *PLoS One*. 2013;8(2):e56179 [Epub 2013 Feb 14]. *PMID: 23457522*
226. Thompson EE, Myers RA, Du G, Aydelotte TM, Tisler CJ, Stern DA, Evans MD, Graves PE, Jackson DJ, **Martinez FD**, Gern JE, Wright AL, Lemanske RF, Ober C. Maternal microchimerism protects against the development of asthma. *J Allergy Clin Immunol*. 2013 Feb 21 [Epub ahead of print]. *PMID: 23434286*
227. Zhou EH, **Martinez FD**, Fredberg JJ. Cell rheology: Mush rather than machine. *Nat Mater*. 2013 Mar;12():184-5. *PMID: 23422717*
228. Curtin JA, Simpson A, Belgrave D, Semic-Jusufagic A, Custovic A, **Martinez FD**. Methylation of IL-2 promoter at birth alters the risk of asthma exacerbations during childhood. *Clin Exp Allergy*. 2013 Mar;43(3):304-11. *PMID: 23414538*
229. Thompson EE, Myers RA, Du G, Aydelotte TM, Tisler CJ, Stern DA, Graves PD, Jackson DJ, **Martinez FD**, Gern JE, Wright AL, Lemanske RF, Ober C. Maternal microchimerism protects against the development of asthma. *J Allergy Clin Immunol*. 2013 Jul. 132(1): 39-44.e4. *PMID: 23434286*
230. Beigelman A, King TS, Mauger D, Zeiger RS, Strunk RC, Kelly HW, **Martinez FD**, et al. Do oral corticosteroids reduce the severity of acute lower respiratory tract illnesses in preschool children with recurrent wheezing? *J Allergy Clin Immunol*. 2013 Jun. 131(6): 1518-1525.e14. *PMID: 23498594*
231. Duan QL, Lasky-Su, Himes BE, Qiu W, Litojua AA, Damask A, Lazarus R, Klanderman B, Irvin CG, et al. A genome-wide association study of bronchodilator response in asthmatics. *Pharmacogenomics J*. 2013 Mar 19 [epub ahead of print]. *PMID: 23508266*
232. Huang YJ, Charlson ES, Collman RG, Colombini-Hatch S, **Martinez FD**, Senior RM. *The Role of the Lung Microbiome in Health and Disease. A National Heart, Lung, and Blood Institute Workshop Report*. *Am J Respir Crit Care Med*. 2013 Apr 24 [Epub ahead of print]. *PMID: 23614695*
233. Guerra S, Stern DA, Zhou M, Sherrill DL, Wright AL, Morgan WJ, **Martinez FD**. Combined effects of parental and active smoking on early lung function deficits: a prospective study from birth to age 26 years. *Thorax*. 2013 Jul 11 [Epub ahead of print]. *PMID: 23847259*
234. Guerra S, Halonen M, Sherrill DL, Venker C, Spangenberg A, Carsin AE, Tares L, Lavi I, Barreiro E, Martinez-Moratalla J, Urrutia I, Sunyer J, Anto JM, **Martinez FD**. The relation of circulating YKL-40 to levels and decline

- of lung function in adult life. *Respir Med.* 2013 Aug 3 [Epub ahead of print]. *PMID: 23920328*
235. Himes BE, Qiu W, Klanderman B, Ziniti J, Senter-Sylvia J, Szeffler SJ, Lemanske RF Jr, Zeiger RS, Strunk RC, **Martinez FD**, Boushey H, Chinchilli VM, Israel E, Mauger D, Koppelman GH, Nieuwenhuis MA, Postma DS, Vonk JM, Rafaels N, Hansel NN, Barnes K, Raby B, Tantisira KG, Weiss ST. ITGB5 and AGFG1 variants are associated with severity of airway responsiveness. *BMC Med Genet.* 2013 Aug 28;14(1):86. [Epub ahead of print]. *PMID: 23984888*
236. **Martinez FD**, Vercelli D. Asthma. *Lancet.* 2013 Sep 13. [Epub ahead of print]. *PMID: 24041942*

**As of July 2013, Dr. Martinez's publications have been cited 21,000 times. His h-index is 70.**

### **Editorials**

1. Burrows B, **Martinez FD**. Bronchial responsiveness, atopy, smoking, and COPD. *Am Rev Respir Dis* 1989;140:1515-1517
2. **Martinez FD**. Role of viral infections in the inception of asthma and allergies during childhood: could they be protective? *Thorax* 1994;49(12):1189-1191
3. Brown MA, Halonen M, **Martinez FD**. Cutting the cord: is birth already too late for primary prevention of allergy? *Clin Exper Allergy* 1997;27:4-6
4. Halonen M, **Martinez FD**. A deficient capacity to produce interferon-gamma: is it a risk for asthma and allergies? *Clin Exper Allergy* 1997;27:1234-1236
5. Morgan WJ, **Martinez FD**. Maternal smoking and infant lung function: further evidence for an in utero effect. *Am J Respir Crit Care Med* 1998;158:689-690
6. **Martinez FD**. Toward asthma prevention—does all that really matters happen before we learn to read? *N Engl J Med.* 2003 October 9; 349(15): 1473-5.
7. **Martinez FD**. Safety of long-acting beta-agonists – an urgent need to clear the air. *N Engl J Med.* 2005 Dec; 353(25):2637-9.
8. **Martinez FD**. Inhaled corticosteroids and asthma prevention. *Lancet.* 2006 Aug; 368(9537):708-10.
9. **Martinez FD**. Gene-environment interaction in complex diseases: asthma as an illustrative case.. *Novartis Found Symp.* 2008;293:184-92; discussion 192-7. Review.
10. **Martinez FD**. The origins of asthma and chronic obstructive pulmonary disease in early life. *Proc Am Thorac Soc.* 2009 May 1;6(3):272-7. Review.

### **Special Reports**

1. **Martinez FD**. Passive Smoking and Respiratory Disorders Other Than Cancer. IN: *Respiratory Health Effects of Passive Smoking: Lung Cancer and Other Disorders.* pgs 7-1 to 7-70. Office of Health and Environmental Assessment. Office of Research and Development. US Environmental Protection Agency. Washington DC. This document was the basis for establishing policy the US Government 1992
2. **Martinez FD** and Bayard SP. Assessment of Increased Risk for Respiratory Illnesses in Children From Environmental Tobacco Smoke. IN: *Respiratory Health Effects of Passive Smoking: Lung Cancer and Other Disorders.* pgs 8-1 to 8-16. Office of Health and Environmental Assessment. Office of Research and Development. US Environmental Protection Agency. Washington DC 1992

### **VIII. SCHOLARLY PRESENTATIONS AND CONFERENCES (Last 5 Years)**

\*\*All presentations and conferences listed below are distinguished as Invited Speaker unless otherwise stated. Presentation titles are not listed\*\*

#### **January to December 2008**

- 03/14/08 American Academy of Allergy, Asthma & Immunology (AAAAI) Annual Meeting, Philadelphia, Pennsylvania
- 03/31/08 CIPP VIII Meeting, Nice, France
- 04/16/08 Sikand Visiting Professorship & Chest State Lecture, Yale University Medical School, New Haven, Connecticut
- 05/18/08 Amberson Lectureship Seminar, American Thoracic Society Annual Meeting, Toronto, Ontario, Canada
- 05/19/08 American Thoracic Society Annual Meeting, Toronto, Ontario, Canada

- 06/05/08 Aspen Lung Conference, Aspen, Colorado
- 06/07/08 Italian Society of Respiratory Medicine in Infants (SIMRI) Congress, Bologna, Italy
- 06/08/08 European Academy of Allergy and Clinical Immunology (EAACI) Meeting, Barcelona Spain
- 11/06/08 ERS/GA2LEN Research Seminar, “Post Genome Respiratory Epidemiology II: an interdisciplinary challenge”, Cernay, France
- 12/03/08 Pediatric Grand Rounds, Children’s National Medical Center, Washington, DC

**January to December 2009**

- 01/26/09 Western Society of Allergy, Asthma and Immunology (WSAAI), Maui, Hawaii
- 02/05/09 Pediatric Grand Rounds, University of Wisconsin, Madison, Wisconsin
- 02/19/09 Grand Reunion & Jornades de Pediatria, Madrid, Spain
- 03/12/09 Postgraduate Course, Advances in Translational Science (Asthma Genetics), Tucson, Arizona
- 03/16/09 American Academy of Allergy, Asthma & Immunology (AAAAI) Annual Meeting, Washington, DC
- 05/04/09 Keynote Speaker, Donald K. Buffmire Visiting Lecturer, University of Arizona Phoenix Campus, Phoenix, Arizona
- 05/17/09 American Thoracic Society Annual Meeting, San Diego, California
- 06/30/09 Keynote Speaker, Donald K. Buffmire Visiting Lecturer, University of Arizona, Tucson, Arizona
- 08/01/09 Pediatric Grand Rounds and Amos Christie Lecture, Vanderbilt University, Nashville, Tennessee
- 09/10/09 Mailman School of Public Health Seminar, Columbia University, New York, New York
- 09/12/09 Philip Fireman Lecture, Fourth Annual Nemaacolin Asthma Conference, Allegheny General Hospital, Farmington, PA
- 10/02/09 35<sup>th</sup> Congreso Argentino de Pediatria, Ciudad de Rosario, Argentina
- 11/06/09 American College of Allergy, Asthma and Immunology Annual Meeting, Miami Beach, FL
- 11/12/09 Hong Kong Society of Pediatric Respiriology, Hong Kong

**January to December 2010**

- 01/21/10 NIAID Grand Rounds & Clinical Immunology Course, Bethesda, MD
- 02/27/10 American Academy of Allergy, Asthma and Immunology (AAAAI) Annual Meeting, New Orleans, LA
- 03/05/10 Annual Meeting on Update of Italian Guidelines for Rhinitis, Asthma and COPD, Bologna, Italy
- 03/10/10 CME-ICAP Masters Class, Venice, Italy
- 04/17/10 2<sup>nd</sup> International Congress on Exacerbation of Airway Disease (ICEAD), Miami Beach, FL
- 04/24/10 Arizona Asthma Coalition Annual Asthma Conference, Tucson, AZ
- 05/14/10 American Thoracic Society (ATS) Annual Meeting, New Orleans, LA
- 06/06/10 European Academy of Allergology and Clinical Immunology (EAACI), London, England, UK
- 06/19/10 Congress on Pediatric Pulmonology (CIPP) IX Meeting, Vienna, Austria
- 06/26/10 43rd Congress National De La Separ, La Coruna, Spain
- 11/26/10 60th Annual Meeting of the Japanese Society of Allergology. Tokyo, Japan
- 12/03/10 University of Chicago Symposium, Chicago, IL

**January to December 2011**

- 03/18/11 American Academy of Allergy, Asthma and Immunology (AAAAI) Annual Meeting, San Fco, CA
- 05/02/11 PAS Annual Meeting , Denver, CO
- 05/13/11 American Thoracic Society (ATS) Annual Meeting, Denver, CO
- 06/09/11 Workshop on Autism Spectrum Disorders- Cold Spring Harbor, New York, NY
- 06/09/11 Pulmonary Symposium - St. Joseph’s Children’s Hospital, New York, NY
- 06/23/11 Congress on Pediatric Pulmonology (CIPP) X Meeting, Paris, France
- 06/30/11 SOS Congreso de Pediatria Colombiana, Cali, Colombia
- 07/15/11 XXV Congreso de Neumonología y Cirugía de Torax, Maracaibo, Venezuela
- 07/30/11 Jornada Pediátrica Anual de Sonora, Guaymas, Sonora, Mexico
- 08/28/11 National Institutes of Health (NIH) Workshop, Bethesda, MD
- 09/13/11 Global Experts Meeting (GEM), Athens, Greece
- 09/19/11 Società Italiana di Allergologia e Immunologia Pediatrica (SIAIP) Meeting, Palermo, Italy
- 09/29/11 Strunk Family Lecture, St. Louis, MI
- 10/12/11 Pediatric Allergy & Asthma Meeting (PAAM) 2011, Barcelona, Spain
- 11/10/11 European Academy of Allergy and Clinical Immunology (EAACI), Athens, Greece
- 12/04/11 World Allergy Organization (WAO) Meeting, Cancun, Mexico

**January to December 2012**

- 01/22/12 Western Society of Allergy, Asthma and Immunology (WSAAI), Poipu Beach, Hawaii
- 02/01/12 Center for Advanced Studies Munich (CAS), Munich, Germany
- 03/01/12 American Academy of Allergy, Asthma & Immunology (AAAAI), Orlando, Florida
- 04/27/12 XII Brazilian Congress of Pediatric Asthma and Immunology, Sao Paulo, Brazil
- 05/18/12 American Thoracic Society (ATS) Annual Meeting, San Francisco, CA
- 06/16/12 European Academy of Allergology and Clinical Immunology (EAACI) Congress, Geneva, Switzerland
- 06/20/12 Global Experts Meeting (GEM) 2012, Tokyo, Japan
- 06/30/12 11th International Congress on Pediatric Pulmonology, Bangkok, Thailand
- 08/29/12 Critical 4 Africa 2012 Congress, Sun City, South Africa
- 09/02/12 European Respiratory Society (ERS) Congress, Vienna, Austria
- 09/11/12 NHLBI Birth Cohort Workshop, Bethesda, MD
- 10/01/12 University of Arizona President's Distinguished Professor Lecture Series, Washington, DC
- 10/05/12 15th Annual Science Meeting, Hong Kong, China
- 10/17/12 SOLANEP 2012, Vna del Mar, Chile
- 11/14/12 Brigham Women's and Children's Hospital Grand Rounds and Jeffery Drazen Visiting Professorship, Harvard, Cambridge, MA
- 11/27/12 36th Brazilian Thoracic Congress, Belo Horizonte, Minas Gerais State

**January to October 2013**

- 01/10/13 Keystone Symposium on Pathogenic Processes in Asthma and COPD, Santa Fe, New Mexico
- 01/26/13 California Thoracic Society Meeting, Carmel, California
- 01/30/13 UA College of Science Lecture Series: Genomics Now, Tucson, Arizona
- 03/11/13 Gulf Thoracic Meeting, Dubai, United Arab Emirates
- 04/15/13 Tronoto Hospital for Sick Children (SickKids) Grand Rounds, Toronto, Ontario, Canada
- 05/09/13 American Asthma Foundation Annual Meeting, San Francisco, California
- 05/18/13 American Thoracic Society Annual Meeting, Philadelphia, Pennsylvania
- 06/05/13 Aspen Lung Conference, Aspen, Colorado
- 06/22/13 European Asthma of Allergy and Clinical Immunology & World Allergy Organization, Milan, Italy
- 06/29/13 International Congress on Pediatric Pulmonology, Valencia, Spain
- 07/13/13 Mexican Pediatrics Meeting, Los Cabos, Mexico
- 08/15/13 Argentina Association of Allergy and Clinical Immunology Conference, Buenos Aires, Argentina
- 10/03/13 Lovelace Respiratory Research Institute's American Home Symposium, Albuquerque, New Mexico
- 11/09/13 Society of Neumologia & Thoracic Surgery Biennial International (EPOC) Meeting, Zaragoza, Spain