

JONATHAN MALKA-RAIS, MD
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North Miami, FL 33181
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PERSONAL INFORMATION

Languages: Spanish (native) and English

POST GRADUATE:

April 2012-Present	Director Allergy & Immunology Pediatric Associates Miami, FL
July 2010-March 2012	Assistant Professor Department of Pediatrics National Jewish Health University of Colorado Health Sciences Center Denver, CO
July 2008 - June 2010	Allergy/Immunology Fellowship National Jewish Health University of Colorado Health Sciences Center Denver, CO
July 2006 - June 2008	Pediatric Residency Children's Hospital Albert Einstein College of Medicine - Montefiore Medical Center Bronx, NY
July 2005 - June 2006	Pediatric Internship New York City Health and Hospitals Corporation Lincoln Medical and Mental Heath Center in affiliation with downtown Bronx Medical Associates P.C and Joan and Sanford I. Weill Medical College of Cornell University. Bronx, New York.

January 2002-June 2005 **Research Fellow**
Center for Interdisciplinary Studies of Allergy &
Immunology; Georgetown University
Washington, D.C.

EDUCATION:

- 2000 - 2001 **Medical and Surgical Internship**
Hospital General del Oeste, "Dr. José Gregorio
Hernandez"
Caracas, Venezuela
- 1993 - 2001 **Medical School**
Universidad Central de Venezuela, Escuela "Luis
Razetti"
Caracas, Venezuela
- 1988 - 1993 **High School**
"Moral y Luces" Herzl Bialik High School, Caracas,
Venezuela.

PROFESSIONAL CERTIFICATIONS:

1. Board certified Pediatrics 2009
2. Board certified Allergy/Immunology 2011
3. Medical License
 - a. Colorado 2008-2011
 - b. Florida 2010-current
 - c. California 2024-current
4. Basic Life Support
5. Anaphylaxis Community Expert

PROFESSIONAL APPOINTMENTS/TEACHING:

- 2024-Present Voluntary Assistant Professor
Leonard M. Miller School of Medicine
Miami, FL

2010 – 2012	Assistant Professor Department of Pediatrics Division of Clinical Pharmacology National Jewish Health University of Colorado Health Sciences Center Denver, CO
2008 - 2010	Clinical Instructor Children's Hospital University of Colorado Health Sciences Center Denver, CO

SOCIETY MEMBERSHIPS:

1. Fellow American Academy of Allergy, Asthma and Immunology (AAAAI).
2. Member American College of Allergy, Asthma and Immunology (ACAAI).
3. Member Florida Allergy, Asthma & Immunology.

PROFESSIONAL ACADEMIC APPOINTMENTS:

March 2024-Present	Voluntary Assistant Professor University of Miami Leonard M. Miller School of Medicine
July 2010 – Feb 2012	Assistant Professor Department of Pediatrics Division of Allergy and Immunology and Division of Clinical Pharmacology National Jewish Health University of Colorado Health Sciences Center Denver, CO
July 2008 - June 2010	Allergy/Immunology Fellowship National Jewish Health University of Colorado Health Sciences Center Denver, CO
July 2006 - June 2008	Pediatric Residency Children's Hospital at Montefiore Medical Center Albert Einstein College of Medicine Bronx, NY

July 2005 - June 2006

Pediatric Internship

New York City Health and Hospitals Corporation
Lincoln Medical and Mental Heath Center in affiliation
with downtown Bronx Medical Associates P.C and-
Joan and Sanford I. Weill Medical College of Cornell
University. Bronx, NY

Jan 2002 - June 2005

Research Fellow

International Center for Interdisciplinary Studies of
Immunology
Georgetown University Medical Center
Washington D.C.

Mar 2001 - Jan 2002

General Practitioner

Ambulatorio "Santa Cruz Del Este"
Caracas, Venezuela

Jan 2001 - Feb 2001

Diagnostic Radiology Internship

Department of Radiology
Mount Sinai Medical School, New York, NY
Under the supervision of Dr. Burton Drayer M.D. (Di-
rector of Radiology) and Harold Mitty M.D. (Director of
Vascular Radiology)

Dec 1998 - Dec 2000

Medical and Surgical Internship (Chief Intern)

Venezuelan Red Cross
Caracas, Venezuela

Aug 1998 – Sept 1998

Diagnostic Radiology Internship

Department of Radiology
Albert Einstein Medical Center, Philadelphia, PA
Under the supervision of Dr. William Herring M.D.
(Radiology Program Director)

Aug 1995 – Sept 1995

Microbiology Rotation

Department of Microbiology
Hospital de Clinicas Caracas
Caracas, Venezuela

AWARDS:

- February 2014 Favorite Pediatric Specialist. Broward Family Favorites. Broward Life Magazine.
- February 2013 Favorite Pediatric Specialist. Broward Family Favorites. Broward Life Magazine.
- May 2003 Recipient of the Harold J Gold MD Research Achievement Award of the International Center for Interdisciplinary Studies of Immunology
Outstanding research on "Susceptibility Test - Adverse Effects of Smallpox Vaccine".
Georgetown University Medical Center
Washington D.C.
- June 2003 First Place, Poster Presentation: "Food Allergy and Lymphoid Nodular Hyperplasia (ILNH): Therapeutic Efficacy of Montelukast". XIII Congreso Latinoamericano de Asma, Alergia e Inmunología Clínica.
Cancún, Mexico.
- Nov 2003 Recipient of the Clemens von Pirquet Award from the Auxiliary of the American College of Allergy, Asthma & Immunology for outstanding research.
"Can Cytokine Measurement Provide a Predictive Marker for Adverse Effects of Smallpox Vaccination?"
Presented at the annual meeting.
New Orleans, LA 2003.
- May 2005 International Fellow Distinguished Award in Allergy & Immunology from the International Center for Interdisciplinary Studies of Immunology.
Georgetown University Medical Center
Washington D.C.
- February 2006 Award for Resident of the Month at Lincoln Medical and Mental Health Center
Bronx, NY

June 2009	Distinguished Professor for the International Conference of Pediatric Asthma in Mexico Mexico City, Mexico - August 2009 Camino Real, Guadalajara – September 2009
December 2012	Broward Family Life Magazine “Favorite Pediatric Specialist” voted by parents and physicians.
December 2013	Broward Family Life Magazine “Favorite Pediatric Specialist” voted by parents and physicians.

PUBLICATIONS:

1. Capriles E, **Malka-Rais J**, Sánchez-Borges M. Immediate Reaction to Latex, with Cross-Reaction to Fruits, Case Report. Centro Médico, Órgano de la Sociedad Médica del Hospital Privado “Centro Médico de Caracas” 1998; 43: 39-40.
2. Capriles E, **Malka-Rais J**, Sánchez-Borges M. Pharmaco-Economy of Allergic Illnesses. *Revista Venezolana de Alergia, Asma e Immunología*. 2000; 2: 5-15.
3. Malka S, **Malka-Rais J**: Interrelation Between Rhinitis and Asthma. *Informe Medico* 2001; 5: 58-64.
4. **Malka-Rais J**, Capriles E, Malka S, Capriles A. Hives and Angioedema. *Informe Medico* 2001;3: 79-96.
5. **Malka-Rais J**, Malka S. Recurrent Infections of the Respiratory Tract and Oral Immuno-stimulation. *Informe Medico* 2001; 3: 521-538.
6. **Malka-Rais J**, Malka S Allergic Rhinitis, General Overview. *Informe Medico* 2002; 4: 255-277.
7. Aderbal S, Bellanti JA, **Malka-Rais J**, Castro HJ, Mendez De Inocencio JI, Sabra S. IgE and Non-IgE Food Allergy. *Ann Allergy Asthma Immunol* 2003; 90 (Suppl 3):71-76.
8. Bellanti JA, **Malka-Rais J**, Castro HJ, Mendez De Inocencio JI, Sabra S. Developmental Immunology; Clinical Application to Allergy-Immunology. *Ann Allergy Asthma Immunol*.2003; 90 (Suppl 3):2-6.PMID: 12839105.

9. Bellanti JA, Zeligs BJ, **Malka-Rais J**, Sabra A. Abnormalities of Th₁ Function in Non-IgE Food Allergy, Celiac Disease, and Ileal Lymphonodular Hyperplasia: a New Relationship? *Ann Allergy Asthma Immunol*. 2003; 90 (Suppl 3): 84-89. PMID: 12839120.
10. Bellanti JA, Castro HJ, Chavez J, **Malka-Rais J**, Mendez-Inocencio J. Are ADHD and Chronic Fatigue Syndrome Allergy-Related? And what is Fibromyalgia? *Allergy and Asthma Proc* 26:19-28, 2005. PMID: 15813284.
11. Castro HJ, **Malka-Rais J**, Bellanti JA. Current Epidemiology of Asthma: Emerging Patterns of Asthma. *Allergy Asthma Proc* 2005 Mar 26(2): 79-82. PMID: 15971463.
12. Atkins D, **Malka-Rais J**. Food Allergy: Transfused and Transplanted. *Curr Asthma Allergy Rep* Apr 2010. PMID: 20425005.
13. Byrne AM, **Malka-Rais J**, Burks AW and Fleischer DM. How do we know when we keep it resolved. *Clin Exp Allergy* 2010 Sept;40(9):1303-11. PMID: 20645999.
14. Martinez FD, Chinchilli VM, Morgan WJ, Boehmer SJ, Lemanske RF Jr, Mauger DT, Strunk RC, Szefler 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 randomised, double-blind, placebo-controlled trial. *Lancet*. 2011 Feb 14. PMID: 21324520.
15. Zeiger RS, Mauger D, Bacharier LB, Guilbert TW, Martinez FD, Lemanske RF Jr, Strunk RC, Covar R, Szefler 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.
16. Mahr TA, **Malka-Rais J**, Spahn JD. Inflammometry in Pediatric Asthma: A review of fractional exhaled nitric oxide in clinical practice. *Allergy Asthma Proc* 34:1–10, 2013; doi: 10.2500/aap.2013.34.3660.

17. Nathan Rabinovitch, MD, MPH, David T. Mauger, PhD, Nichole Reisdorff, PhD, Ronina Covar, MD¹, **Jonathan Malka, MD¹**, Robert F. Lemanske, Jr., MD, Wayne J. Morgan, MD, Theresa W. Guilbert, MD, Robert S. Zeiger, MD, PhD, Leonard B. Bacharier, MD, Stanley J. Szefler, MD¹. Predictors of Asthma Control and Lung Function Responsiveness to STEP-3 Therapy in Children with Uncontrolled Asthma. *J Allergy Clin Immunol.* 2014 Feb;133 (2):350-6.
18. **Jonathan Malka-Rais, MD**, David T. Mauger, Ph.D, Ronina A. Covar, MD, Robert F. Lemanske, Jr., MD, Nathan Rabinovitch, MD, Joseph D. Spahn, MD, Stanley J. Szefler, MD. Eczema and Race as Combined Determinants for Differential Response to Step-Up Asthma Therapy. 2014. In press.
19. **Jonathan Malka, MD**, Ronina A Covar, Anna Faino, Jennifer Fish, Paige Pickering P, Preveen Ramamoorthy PhD, Melanie Gleason and Joseph D Spahn The Effect of Viral Infection on Exhaled Nitric Oxide in Children with Acute Asthma Exacerbations. *J Allergy Clin Immunol Pract. J Allergy Clin Immunol Pract.* 2015 Nov-Dec;3(6):913-9.
20. **Jonathan Malka, MD** and Joseph D Spahn. Difficult cases. Pediatric asthma. *J Allergy Clin Immunol Pract.* 2015 Nov-Dec;3(6):913-9.
21. **Jonathan Malka** and Joseph D Spahn. When cough wheeze and shortens of breath don't equal asthma. *J Allergy Clin Immunol Pract.* 2016 Jan-Feb;4(1):179-81.
22. Spahn JD, **Malka J** and Szefler SJ. Current applications of Exhaled Nitric Oxide in clinical practice. *J Allergy Clin Immunol.* 2016 Nov;138(5):1296-1298.
23. Comberiati P, McCormack K, **Malka J** and Spahn JD. Proportion of Severe Asthma Patients Eligible for Mepolizumab Therapy by Age and Age of Onset of Asthma. *J Allergy Clin Immunol Pract.* 2019. Nov-Dec 2019;7(8):2689-2696.e2.
24. Comberiati P, Peroni D, **Malka J**, Morganti R and Spahn JD. Fractional exhaled nitric oxide response to oral corticosteroid in children with mild-moderate asthma: Influence of race. *Ann Allergy Asthma Immunol.* 2020 Oct;125(4):440-446.e1

BOOK CHAPTERS

1. Malka S, Puigbo-Perez A, Hullet-Capriles A, Borges-Sanchez M, **Malka-Rais J.** How to treat Asthma? Progresos en Alergia e Immunologia Clinica 2001; 176-191.
2. **Malka-Rais J.**, Capriles E, Malka S, Capriles A. Acute Urticaria and Angioedema. Progresos en Alergia e Immunologia Clinica 2001; 192-220.

ABSTRACTS

1. Castro HJ, Mendez-Inocencio JI, **Malka-Rais J.**, Santilli JV, Wallerstedt DB, Bellanti JA. Honey Bee Venom Extract as a Therapy for Multiple Sclerosis: Phase 1 Safety Study. *Ann Allergy Asthma Immunol* 2003; 90: 164.
2. Mendez-Inocencio J, Castro HJ, **Malka-Rais J.**, Riazi S, Bellanti JA. Interferon-Gamma (IFN- γ) therapy In Severe Chronic Atopic Dermatitis. *Ann Allergy Asthma Immunol* 2003; 90: 155.
3. Riazi S, Mendez-Inocencio JI, Castro HJ, **Malka-Rais J.**, Bellanti JA. Hemochromatosis Masquerading as Immunodeficiency. *Ann Allergy Asthma Immunol* 2003; 90:157.
4. **Malka-Rais J.**, Chavez JR, Zeligs BJ, Riazi S, Castro HJ, Mendez-Inocencio J, Chiaze L, Bellanti JA. "Can cytokine Measurement Provide a Predictive Marker for Adverse Effects of Smallpox Vaccination?". *Ann Allergy Asthma Immunol* 2004; 92:100.
5. Riazi S, Chavez JR, Zeligs BJ, Castro HJ, **Malka-Rais J.**, Mendez-Inocencio J, Bellanti JA. "Hemochromatosis and Hyper IL-2 Cytokine Production: a New Association?" *Ann Allergy Asthma Immunol* 2004; 92:183.
6. Mendez-Inocencio JI, Castro HJ, **Malka-Rais J.**, Teixeira-Mattos PC, Chavez JR, Riazi S, Bellanti JA. Autoimmunity in the Velo-Cardio-Facial Syndrome: The Role of Thymic Dysregulation? *Ann Allergy Asthma Immunol* 2004; 92:174.
7. Luccioli S, **Malka-Rais J.**, Nsouli TM, Chiaze L, Bellanti JA. Can Mold Allergy be triggered via the Oral Route? *Ann Allergy Asthma Immunol* 2004; 92:135.

8. **Malka-Rais J**, Castro, HJ, Malka S, Bellanti, JA. Vioxx (Rofecoxib) as Adjuvant Therapy for Chronic Urticaria. *Ann Allergy Asthma Immunol* 2005; 94:176.
9. **Malka-Rais J**, Malka, S Castro HJ, Sabra, A, Bellanti JA, Dahdah J. Eosinophilic Esophagitis and Gluten Sensitivity: A Rare Occurrence to be considered. *Ann Allergy Asthma Immunol* 2005; 94: 154.
10. Sabra A, Sabra S, Castro HJ, **Malka-Rais J**, Mendez-Inocencio JI, Santos G, Bellanti JA. Food Allergy In Patients With Very Low CD8 Lymphocytes: A New Relationship? *Ann Allergy Asthma Immunol* 2005; 94:128.
11. Nsouli T, Zeballos T, Schluckebier C, Malka-Rais J, Castro HJ, Bellanti JA. Contact Dermatitis Caused by a Commonly used Moisturizer (Lubriderm®): An Unusual Complication. *Ann Allergy Asthma Immunol* 2005; 94:189.
12. Nsouli T, Schluckebier C, **Malka-Rais J**, Castro HJ, Bellanti JA. Recalcitrant Idiopathic Urticaria (CIU) Responsive to Fluoxetine: A New Clinical Application of a Psychotropic Agent. *Ann Allergy Asthma Immunol* 2005; 94:175.
13. Nsouli T, Scheiner J, **Malka-Rais J**, Bellanti JA. Can Patients with NSAID Hypersensitivity Tolerate Selective COX-II Inhibitors? *Ann Allergy Asthma Immunol* 2005; 94:130.
14. Nsouli T, Crowley T, Schluckebier C, Castro HJ, **Malka-Rais J**, Bellanti JA, Anaphylactic Reaction in an Egg-Allergic Child following Measle-Mumps-Rubella Immunization. *Ann Allergy Asthma Immunol* 2005; 94:152.
15. Nsouli T, Castro HJ, **Malka-Rais J**, Bellanti JA. Anaphylaxis During Scuba Diving: A Hidden Source of Latex Hypersensitivity. *Ann Allergy Asthma Immunol* 2005; 94:152.
16. Castro HJ, **Malka-Rais J**, Nsouli TM, Mendez-Inocencio JI, Bellanti JA. Recurrent Aphtous Stomatitis and Autoimmune Neutropenia: An Important Clinical Association. *Ann Allergy Asthma Immunol* 2005; 94:137.
17. **Malka-Rais J**, Bellanti JA. Changes in Clinical Effectiveness of IVIG Products Related to Methods of Preparation: A Finding of Possible Clinical Significance. *Ann Allergy Asthma Immunol* 2005; 94:126.
18. Luccioli S, **Malka-Rais J**, Nsouli TM, Chiaze L,Bellanti JA. Studies of the Oral Route of Sensitization in Mold Allergy. *J Allergy Clin Immunol* 2005; 115 (2): S250.

19. Nsouli T, Rothenberg R, Schluckebier C, Castro HJ, **Malka-Rais J**, Bellanti JA. Autoimmune Sensitization after SQ Injection of Collagen for Cosmetic Surgery. *J Allergy Clin Immunol* 2005; 115 (2): S17.
20. Monforte S, **Malka-Rais J**, Spahn J. The Use of Exhaled Nitric Oxide in the Outpatient Management of Children with Asthma. *J Allergy Clin Immunol* 2009;123(3);727
21. **Malka-Rais J**, Krawiec ME, Spahn JD. "Are there Differences in Levels of Impairment, Risk, and Biomarkers of Inflammation in Children vs. Adults with Severe Persistent Asthma?" *J Allergy Clin Immunol* 2010.125(2); AB6.
22. Monforte S, **Malka-Rais J** and Spahn JD. "The Association of Exhaled Nitric Oxide with Asthma Control and Severity in Children" *J Allergy Clin Immunol* 2010; 125 (2); AB186.
23. **Malka-Rais J**, Davidson J, Krawiec ME, Spahn JD. "Which parameters are useful in the determining asthma severity In childhood?". *Am J Respir Crit Care Med* May 2010; 181: A2556.
24. **Malka-Rais J**, Rothenberg S, Krawiec ME. "A Atypical Presentation Of Viral And Exercise Induced Wheezing In A Preschool Child." *Am J Respir Crit Care Med* May 2010; 181: A6212.
25. **Malka-Rais J**, Fish JR, Pickering P, Ramamoorthy P, Gleason M, JD Spahn. Is Exhaled Nitric Oxide Elevated in Children with Acute Asthma? *J Allergy Clin Immunol* 2011; 127 (2): AB 133.
26. Spahn JD, **Malka J**, Mahr TA and Dorisnksy PA. Meta Analysis of Asthma Exacerbations Rates in Pediatric Asthmatics Managed Using Exhaled Nitric Oxide Vs. Standard Clinical Parameters Alone. *J Allergy Clin Immunol* 2013; 131 (2): AB 284.
27. Kuhn Jessica, **Malka J**, Kleiner G, Davis J, Dela Zika, E and Gans, M. Male with severe atopy on dupilumab presenting with non-infectious panuveitis without a prior history of uveitis; To be presented 11/2024 ACAAI.

INTERNATIONAL PRESENTATIONS:

1. "Association Between the Angiotensin Gene in Venezuelan Jewish Youngsters and History of Hypertension " "Asociación entre el genotipo del gen del Angiotensinógeno en jóvenes judíos venezolanos y sus antecedentes de hipertensión arterial." Presented at the XIV International Scientific meeting "FELSOCEM", Panamá, República de Panamá, October 1999.
2. Oral presentation at the First Brazilian International Congress of Allergy & Immunology. Rio de Janeiro, Brazil, December 2002.
3. Poster Presentation at the American Academy of Allergy Asthma & Immunology March 2003, Denver, CO. "Th₁ Mediated Non-IgE Food Allergy and Lymphoid Nodular Hyperplasia (ILNH): A New Relationship?"
4. Poster Presentation at the American Academy of Allergy Asthma & Immunology March 2003. Food Allergy and Lymphoid Nodular Hyperplasia (ILNH): Therapeutic Efficacy of Montelukast.
5. Von-Pirquet Award presentation at the Annual Meeting of the American College of Allergy, Asthma & Immunology "Can cytokine measurement provide a predictive marker for adverse effects of smallpox vaccination?" November 2003. New Orleans, LA.
6. Oral presentation "Organ Transplant and Food Allergy." Workshop in Food Allergy. National Jewish Health 31st Annual Pulmonary & Allergy Regional Conference, Keystone, February 4th 2009.
7. Poster presentation: Monforte S, Malka J, Spahn J. The Use of Exhaled Nitric Oxide in the Outpatient Management of Children with Asthma. Poster presentation at the American Academy of Allergy Asthma & Immunology March 2009, Washington D.C.
8. Oral presentation as "Asthma: New findings, new opportunities for treatment". Professorial Presentation Camino Real, Pedregal Mexico August 29th 2009. Sponsored by National Jewish Health and Universidad UANL.
9. Poster presentation AAAAI New Orleans 2010. **Malka-Rais J**, Spahn JD. "Are there Differences in Levels of Impairment, Risk, and Biomarkers of Inflammation in Children vs. Adults with Severe Persistent Asthma?"

10. Poster Discussion at the International Thoracic Society in New Orleans, LA, May 17th 2010. "Which parameters are Useful in Determining Asthma Severity in Childhood?".
11. XVII Congreso Sociedad Venezolana De Asma, Alergia e Inmunologia
Oral presentation Keynote Speaker at the Venezuelan Asthma, Allergy and Immunology in honor of Dr. Samuel Malka
Keynote lecture "Actualización en el Monitoreo de Asma Bronquial:Papel del Oxido Nitrico" "Update in the Monitoring of Asthma: The Role of Nitric Oxide". Caracas, Venezuela, May 2009.
12. XVIII Congreso Sociedad Venezolana De Asma, Alergia E Inmunologia.
Keynote Speaker "Opciones Óptimas Para El Ajuste E Incremento De La Dosis En Asma". "Step Up Theray with Uncontrolled Asthma Receiving Inhaled Corticosteroids. The BADGER study". Puerto La Cruz, Venezuela, July 2010.
13. XVIII Congreso Sociedad Venezolana de Asma, Alergia e Inmunologia.
Keynote speaker "Controversias y Avances En El Diagnóstico y Seguimiento Del Asma En Niños y Adultos". "Controversy in the Diagnostic and Management of Asthma in Children and Adult.
14. Oral presentation "Organ Transplant and Food Allergy." Workshop in Food Allergy. National Jewish Health 31st Annual Pulmonary & Allergy Regional Conference, Keystone, February 4th 2009.
15. Difficult case series. Pediatric Asthma. American Academy of Allergy, Asthma and Immunology. Houston, Texas. February 2015.