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CURRENT POSITION

09/14 – present Assistant Professor of Clinical Medicine, Immunocompromised Host Section, Division of Infectious Diseases, University of Miami

EDUCATION

01/98 - 12/03 M.D., Universidad de Boyaca, Tunja, Colombia

POSTGRADUATE TRAINING

08/13 – 07/14 Fellowship, Transplant Infectious Diseases, University Health Network, University of Toronto, Toronto, ON

07/11 – 06/13 Fellowship, Infectious Diseases, Westchester Medical Center, New York Medical College, Valhalla, NY

07/08 – 06/11 Internship and residency, Internal Medicine, Jacobi Medical Center, Albert Einstein College of Medicine, Bronx, NY

RESEARCH AND TEACHING EXPERIENCE

06/04 - 06/08 Post-doctoral Fellowship, Veterans Administration Research Center for AIDS and HIV-1 Infection, and Department of Medicine, University of Texas Health Science Center at San Antonio, San Antonio, TX, USA

12/03 - 06/04 Physician-investigator, Corporacion para Investigaciones Biologicas, Cellular Biology and Immunogenetics Unit, Medellín, Colombia

01/00 – 12/00 Teaching Assistant, Departments of Immunology and Pharmacology, Universidad de Boyaca, Tunja, Colombia

HONORS / AWARDS / ACCOMPLISHMENTS

2015 Federation of Clinical Immunology Societies (FOCIS) travel award

2015 Paper in AAC (PMID: 26386029) was among most-read articles during December 2015

2015 Center for AIDS Research (CFAR) pilot grant awardee

2015 Paper in Journal of the American Medical Association - Internal Medicine (PMID: 2541965) was selected as among the top 10 advances by NIADS for the first half of FY 2015 and was accompanied by commentary by Tim Schaker in JAMA-IM

2008 Paper in Nature Medicine (PMID: 18376407) was accompanied by commentary from Dr. Neaton “Getting personal about treating HIV”

2007 First place in the 10th Annual Medicine Research Day of the University of Texas Health Science Center (category of post-doctoral fellow). San Antonio, TX, USA

2004 Honorific award as Distinguished Medical Graduate. Universidad de Boyaca. Tunja, Colombia

2003 First place in the 2nd Research Congress at the Universidad Pontificia Bolivariana. Medellín, Colombia

- 2003 First place in 9th Research Congress of the Corporacion para Investigaciones Biologicas. Medellín, Colombia
- 2003 Third place in the 9th Colombian Congress of Rheumatology. Santa Marta, Colombia
- 2003 Valedictorian of medical school, Universidad de Boyaca, Colombia

CERTIFICATION

- 2013 American Board of Internal Medicine (ABIM) – Infectious Diseases
- 2011 American Board of Internal Medicine (ABIM) – Internal Medicine
- 2007 Commission for Foreign Medical Graduates (ECFMG) 0-674-999-8

LICENSURE

- 2014 Florida Board of Medicine (ME120778)
- 2013 College of Physicians and Surgeons of Ontario (101843)
- 2011 New York State Education Department (P-81261)
- 2004 Ministry of Health of Colombia (5-1543-04)

OTHER ACADEMIC ACTIVITIES

- Ad-hoc reviewer for *Plos One*
- Ad-hoc reviewer for *American Journal of Transplantation*
- Ad-hoc reviewer for *Clinical transplantation*

SOCIETY MEMBERSHIPS

- American College of Physicians (Associate member 2009-2010)
- Infectious Diseases Society of America (Member-in-Training 2011-2012, full member 2015-Present)
- American Society for Blood and Marrow Transplantation (Associate member 2015-Present)
- American Society of Transplantation, Infectious Diseases Community of Practice (Member 2014-Present)
- Centers for AIDS Research (CFAR) program (2015-)

LANGUAGES

- Spanish

RESEARCH INTERESTS

- T cell biology, anti-fungal immunity, immunotherapy, stem cell transplant, immunocompromised hosts

PUBLICATIONS

Suarez JF, Rosa R, Lorio MA, Morris MI, Abbo LM, Simkins J, Guerra G, Roth D, Kupin WL, Mattiazzi A, Ciancio G, Chen LJ, Burke GW, Goldstein MJ, Ruiz P, **Camargo JF**. Pre-transplant CD4 count influences immune reconstitution and risk of infectious complications in HIV+ kidney allograft recipients. *Am J Transplant* 2016 (accepted manuscript)

Camargo JF, Simkins J, Beduschi T, Tekin A, Aragon L, Pérez-Cardona A, Prado CE, Morris MI, Abbo LM. Successful treatment of carbapenemase-producing pandrug-

resistant *Klebsiella pneumoniae* bacteremia with a combination of ceftazidime-avibactam and ertapenem. *Antimicrob Agents Chemother.* 2015 Oct; 59(10):5903-8.

Simkins J, Aragon L, Fan J, Frederick C, **Camargo JF**. Intravenous Fosfomycin Treatment for Carbapenem-resistant *Klebsiella pneumoniae* in the United States. *Ann Pharmacother.* 2015 Oct; 49(10):1177-8.

Camargo JF, Yakoub D, Cho-Vega JH. Successful Treatment of Primary Cutaneous Mucormycosis Complicating Anti-TNF Therapy with a Combination of Surgical Debridement and Oral Posaconazole. *Mycopathologia.* 2015 Oct; 180(3-4):187-92

Camargo JF, Bhimji A, Kumar D, Kaul R, Pavan R, Schuh A, Seftel M, Lipton J, Gupta V, Humar A, Husain S. Impaired T Cell Responsiveness to Interleukin-6 in Hematological Patients with Invasive Aspergillosis. *Plos One* 2015 Apr 2;10(4):e0123171.

Camargo JF, Resende M, Zamel R, Klement W, Bhimji A, Huibner S, Kumar D, Humar A, Jurisica I, Keshavjee S, Kaul R, Husain S. Potential role of CC chemokine receptor 6 (CCR6) in prediction of late-onset CMV infection following solid organ transplant. *Clin Transplant.* 2015 Jun;29(6):492-8

Okulicz JF, Le T, Agan BK, **Camargo JF**, Landrum ML, Wright EJ, Dolan MJ, Ganesan A, Ferguson TM, Smith DM, Richman DD, Little SJ, Clark RA, He W, Ahuja SK. Influence of the Timing of Anti-retroviral Therapy on Normalization of Immune Status in HIV-1 Infected Individuals. *JAMA Intern Med.* 2015 Jan 1;175(1):88-99.

Camargo JF, Husain S. Immune correlates of protection in human invasive aspergillosis. *Clin Infect Dis.* 2014 Aug 15;59(4):569-77

El Khoury MY, **Camargo JF**, White JL, et al. Potential Role of Deer Tick Virus in Powassan Encephalitis Cases in Lyme Disease-endemic Areas of New York, USA. *Emerg Infect Dis.* 2013 Dec;19(12).

El Khoury MY, **Camargo JF**, Wormser GP. Changing epidemiology of Powassan encephalitis in North America suggests the emergence of the deer tick virus subtype. *Expert Rev Anti Infect Ther* 2013 Oct;11(10):983-5

Camargo JF, Lobo SA, Hsu AP, Zerbe CS, Wormser GP, Holland SM. MonoMAC syndrome in a patient with a GATA2 mutation: case report and review of the literature. *Clin Infect Dis.* 2013 Sep; 57(5):697-9

Camargo JF, Sakoulas G, Dodd JD, Muñoz-Gomez S, Kadeishvili K, Lenox T. Septic Pulmonary Embolism of Unknown Origin in Patients With *Staphylococcus aureus* Bacteremia: A Case Report and Review of 18 Cases. *Infectious Diseases in Clinical Practice* 2013; 21(4):217-221

Camargo JF, Seriburi V, Tenner M, El Khoury MY. *Aspergillus* osteomyelitis of the lumbar spine complicated with orbital apex syndrome: a potential role of the Batson's plexus in disease propagation. *Medical Mycology Case Reports* 2012 Mar 1:9-12

Camargo JF, Kulkarni H, Agan BK, Gaitan AA, Beachy LA, Srinivas S, He W, Anderson S, Marconi VC, Dolan MJ, Ahuja SK. Responsiveness of T cells to IL-7 is associated with

higher CD4+ T cell counts in HAART-treated, viral load-suppressed, HIV-1-positive individuals. *J Infect Dis.* 2009 Jun 15;199(12):1872-82.

Camargo JF, Quinones MP, Mummidi S, Srinivas S, Gaitan AA, Begum K, Jimenez F, VanCompernelle S, Unutmaz D, Ahuja SS, Ahuja SK. CCR5 expression levels influence NFAT translocation, IL-2 production, and subsequent signaling events during T lymphocyte activation. *J Immunol.* 2009 Jan 1;182(1):171-82.

Kulkarni H, Agan BK, Marconi VC, O'Connell RJ, **Camargo JF**, He W, Delmar J, Phelps KR, Crawford G, Clark RA, Dolan MJ, Ahuja SK. CCL3L1-CCR5 Genotype Improves the Assessment of AIDS Risk in HIV-1-Infected Individuals. *PLoS ONE.* 2008 Sep 8;3(9):e3165.

Ahuja SK, Kulkarni H, Catano G, Agan BK, **Camargo JF**, He W, O'Connell RJ, Marconi VC, Delmar J, Eron J, Clark RA, Frost S, Martin J, Ahuja SS, Deeks SG, Little S, Richman D, Hecht FM, Dolan MJ. CCL3L1-CCR5 genotype influences durability of immune recovery during antiretroviral therapy of HIV-1-infected individuals. *Nat Med.* 2008 Apr;14(4):413-20

Dolan MJ, Kulkarni H, **Camargo JF**, Smith A, Hecht FM, He W, Miura T, Anaya JM, Pereyra F, Mamtani M, Clark RA, Marconi V, Anderson SA, Ahuja SS, Delmar J, O'Connell RJ, Lloyd A, Martin J, Agan BK, Walker BD, Deeks SG, Ahuja SK. CCL3L1 and CCR5 influence cell-mediated immunity and affect HIV/AIDS pathogenesis via viral entry-dependent and independent mechanisms. *Nat Immunol.* 2007 Dec;8(12):1324-1336.

Mamtani M, Rovin B, Brey R, **Camargo JF**, Kulkarni H, Herrera H, Correa P, Holliday S, Anaya JM, and Ahuja SK. CCL3L1 gene-containing segmental duplications and polymorphisms in CCR5 affect risk of systemic lupus erythematosus. *Ann Rheum Dis.* 2007 Nov 1

Mummidi S, Adams LM, VanCompernelle SE, Kalkonde M, **Camargo JF**, Kulkarni H, Bellinger AS, Bonello G, Tagoh H, Ahuja SS, Unutmaz D, Ahuja SK. Production of specific mRNA transcripts, usage of an alternate promoter, and octamer-binding transcription factors influence the surface expression levels of the HIV coreceptor CCR5 on primary T cells. *J Immunol.* 2007 May 1;178(9):5668-81.

Camargo JF, Gomez LM, Castiblanco J, Ruiz-Narvaez EA, Cadena J, Anaya JM. Analysis of IL1B, TAP1, TAP2 and IKBL polymorphisms on susceptibility to tuberculosis. *Tissue Antigens*, April 2006; 67(4):290-6.

Camargo JF, Tobón GJ, Fonseca N, Molina F, Anaya JM. Autoimmune rheumatic diseases in the intensive care unit: experience from a tertiary referral hospital and review of the literature. *Lupus.* 2005; 14(4):315-20.

Camargo JF, Correa PA, Castiblanco J, Anaya JM. Interleukin-1beta polymorphisms in Colombian patients with autoimmune rheumatic diseases. *Genes Immun.* 2004 Dec; 5(8):609-14.

Correa PA, Tobón GJ, Cadena J, **Camargo JF**, Anaya JM. Anti-cyclic citrullinated peptide antibodies in rheumatoid arthritis: relation with clinical features, cytokines and HLA-DRB1. *Biomedica.* 2004 Jun;24(2):140-52.

Presentations/ Posters/ Abstracts

Simkins J, Abbo LM, Morris MI, **Camargo JF**. Prevalence of Uncontrolled Hypertension in Renal Transplant Candidates Receiving Rifapentine/Isoniazid for Latent Tuberculosis. Interscience Conference of Antimicrobial Agents and Chemotherapy (ICAAC); September 17-21, 2015, San Diego, CA, USA

Simkins J, Abbo LM, **Camargo JF**, Morris MI. 12-week Rifapentine Plus Isoniazid versus 9-month Isoniazid for the Treatment of Latent Tuberculosis in Renal Transplant Candidates. Interscience Conference of Antimicrobial Agents and Chemotherapy (ICAAC); September 17-21, 2015, San Diego, CA, USA

Camargo JF, Bhimji A, Kumar D, Kaul R, Pavan R, Schuh A, Seftel M, Lipton J, Gupta V, Humar A, Husain S. Impaired T Cell Responsiveness to Interleukin-6 in Hematological Patients with Invasive Aspergillosis. The Immunology of Fungal Infections Gordon Research Conference; January 18-23, 2015, Galveston, TX, USA

Camargo JF, Resende M, Zamel R, Klement W, Huibner S, Kumar D, Humar A, Jurisica I, Keshavjee S, Kaul R, Husain S. CMV-specific T cell responses predict the risk of CMV viremia after discontinuation of prophylaxis in SOT. World Transplant Congress; July 2014, San Francisco, CA, USA

Camargo JF, Kulkarni H, Agan BK, Gaitan AA, Marconi VC, Dolan MJ, Ahuja SK. (2009, March). Responsiveness of T cells to IL-7 is associated with higher CD4+ T cell counts in HAART treated viral load-suppressed, HIV-1-positive individuals. Poster presented at: HIV Immunobiology: from infection to immune control - Keystone Symposia Global Health Series; Keystone, Colorado, USA

Camargo JF, Castiblanco J, Correa PA, Anaya JM. Interleukin-1 β polymorphism influences the susceptibility to systemic lupus erythematosus. American College of Rheumatology Annual Meeting. San Antonio, TX, USA 2004. *Arthritis and Rheumatism* 50 (9): S208-S208 Suppl. S Sep 2004.

Correa PA, **Camargo JF**, Gómez LM, Velez-Castrillón S, Anaya JM. Association of pro-inflammatory cytokine, IL1 β and TNF α , polymorphism with autoimmunity and tuberculosis. 12th international congress of immunology and 4th annual conference of FOCIS. Montreal, Canada 2004. *Clin Invest Med* 2004.

Pineda-Tamayo R, Tobon GJ, **Camargo JF**, Anaya JM. Clinical characteristics of northwestern Colombian patients with fibromyalgia. Annual European Congress of Rheumatology "EULAR" Prague, 2004. *Annals of the Rheumatic Diseases*. 2004, Jul; 63 (Suppl 1):443-443.

Diaz LA, Tobon GJ, Cadena J, **Camargo JF**, Pineda-Tamayo R, Anaya JM. Comorbidity in patients with rheumatoid arthritis. Annual European Congress of Rheumatology "EULAR" Prague, 2004. *Annals of the Rheumatic Diseases*. 2004, Jul; 63 (Suppl. 1):192-192.

Pineda-Tamayo R, **Camargo JF**, Tobon GJ, Anaya JM. Causes and predictors of high direct hospitalization costs in patients with rheumatic diseases. Annual European Congress of Rheumatology "EULAR" Prague, 2004. *Annals of the Rheumatic Diseases*. 2004, Jul; 63(Suppl. 1):517-517.

Correa PA, **Camargo JF**, Gomez LM, Anaya JM. IL-1 beta and TNF alpha polymorphisms in autoimmune rheumatic diseases. Annual European Congress of Rheumatology "EULAR" Prague, 2004. *Annals of the Rheumatic Diseases*. 2004, Jul; 63(Suppl. 1):134-134.

Tobón GJ, **Camargo JF**, Molina F, Diaz JL, Fonseca JL, Anaya JM. Autoimmune rheumatic diseases in the intensive care unit: SLE is the most frequent observed. 7th International Congress of Lupus. New York, May 2004. *Lupus* 2004.

Pineda-Tamayo R, Arcila GA, Restrepo P, Tobón GJ, **Camargo JF**, Anaya JM. Hospital direct costs of systemic lupus erythematosus in Northwest Colombia. 7th International Congress of Lupus. New York, May 2004. *Lupus* 2004.

Molina F, **Camargo JF**, Tobón GJ, Fonseca N, Diaz JL, Anaya JM. Autoimmune rheumatic diseases at the intensive care unit: is there a trend to low mortality rate? 33rd Critical Care Congress, Orlando, Florida 2003. *Crit Care Med* 2003 31 (12): 271 Part 2 Suppl.

Book chapters

Camargo JF, Delgado AM, Tobón GJ, Anaya JM. (2006). [Cytokines, chemokines and osteoimmunology] Citocinas, quimioquinas y osteoimmunología. In JM Anaya, R Pineda-Tamayo, LM Gomez, C Galarza-Maldonado, A Rojas-Villarraga, J Martinez(Ed.), *Artritis reumatoidea: bases moleculares, clínicas y terapéuticas*. (pp.95-116). Medellin, Colombia, AA: Corporacion para Investigaciones Biologicas.

Tobon GJ, **Camargo JF**, Anaya JM. (2005). [Are spondyloarthropathies autoimmune diseases?] Son las espondiloartropatias enfermedades autoinmunes? *Enfermedad autoinmune*. (pp.399-412). Medellin, Colombia, AA: Corporacion para Investigaciones Biologicas.

Tobón GJ, **Camargo JF**, Anaya JM. (2005). [Ankylosing Spondylitis] Espondilitis anquilosante. In J Molina, D Alarcón-Segovia, JF Molina, JM Anaya, MH Cardiel(Ed.), *Fundamentos de Medicina, Reumatología*. (pp.1-2). Medellin, Colombia, AA: Corporación para Investigaciones Biológicas, CIB.

Camargo JF, Tobón GJ, Anaya JM (2003). [Reactive Arthritis] Artritis reactivas. In: *Las enfermedades autoinmunes y reumatológicas en la práctica clínica*. España, AA: Editorial Masson.

Cadena J, **Camargo JF**, Anaya JM. (2003). [Pulmonary manifestations of rheumatoid arthritis] Manifestaciones pulmonares de la artritis reumatoidea. In LA Ramírez, JM Anaya (Ed.), *Artritis reumatoidea*. (pp.169-180). Medellin, Colombia, AA: Asociación Colombiana de Reumatología.

Camargo JF, Correa PA, Velez-Castrillón S, Anaya JM. (2003). [Cytokines in rheumatoid arthritis] Citoquinas en artritis reumatoidea. In LA Ramírez, JM Anaya (Ed.), *Artritis reumatoidea*. (pp.53-80). Medellin, Colombia, AA: Asociación Colombiana de Reumatología.

GRANTS

CFAR developmental award (active)
Immune correlates of acute allograft rejection in chronically HIV infected individuals
undergoing kidney transplantation
Total Direct Costs: \$50,000
Role: PI

ORAL PRESENTATIONS

Meeting: Miami Transplant International Symposium MTIS 2015. Miami Beach, FL
Title: Kidney transplantation in the HIV patient
Date Oct 24, 2015