

Jovanny Zabaleta, PhD

PUBLICATIONS

Papers in peer-reviewed journals

1. M. Arias, **J. Zabaleta**, J.I. Rodríguez, M. Rojas, S.C. París, and L.F. García. 1997. Failure to induce nitric oxide production by human monocyte-derived macrophages: Manipulation of biochemical pathways. *Allergol Immunopathol (Madr)*. 1997 Nov-Dec;25(6):280-8.
2. M. Arias, M. Rojas, **J. Zabaleta**, J.I. Rodriguez, S.C. París, L.F. Barrera, and L.F. García. 1997. Inhibition of virulent *Mycobacterium tuberculosis* by Bcg^f and Bcg^s macrophages correlates with nitric oxide production. *J Infect Dis*. 1997 Dec;176(6):1552-8.
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5. Rodriguez PC, Zea AH, Culotta KS, **Zabaleta J**, Ochoa JB, Ochoa AC. Regulation of T cell receptor CD3 zeta chain expression by L-arginine. *J Biol Chem*. 2002 Jun 14;277(24):21123-9.
6. Rodriguez PC, Zea AH, DeSalvo J, Culotta KS, **Zabaleta J**, Quiceno DG, Ochoa JB, Ochoa AC. L-arginine consumption by macrophages modulates the expression of T cell receptor CD3 ζ chain in T lymphocytes. *J. Immunol*. 2003 Aug 1; 171 (3):1232-9.
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8. Adriana M Zapata-Velandia, San-San Ng, Rebecca F Brennan, Neal R Simonsen, Mariella Gastanaduy, **Jovanny Zabaleta**, Jennifer J Lentz, Randall D Craver, Hernan Correa, Alberto Delgado, Angela L Pitts, Jane R Himel, John N Udall, Eberhard Schmidt-Sommerfeld, Raynorda F Brown, Grace B Athas, Bronya B Keats, Elizabeth E Mannick. Association of the T allele of an intronic single nucleotide polymorphism in the colony stimulating factor 1 receptor with Crohn's disease: A case-control study. *J Immune Based Ther Vaccines*. 2004 May 14;2(1):6.
9. David J. McGee, **Jovanny Zabaleta**, Ryan J. Viator, Traci L. Testerman, Augusto C. Ochoa, and George L. Mendz. Purification and characterization of *Helicobacter pylori* arginase, RocF: unique features among the arginase superfamily. *Eur J Biochem* 2004, 271: 1952-1962.
10. **Jovanny Zabaleta**, David J. McGee, Arnold H. Zea, Claudia P. Hernandez, Paulo C. Rodriguez, Rosa A. Sierra, Pelayo Correa, and Augusto C. Ochoa. 2004. *Helicobacter pylori* Arginase Inhibits T Cell Proliferation and Reduces the Expression of the TCR ζ -Chain (CD3 ζ). *J. Immunol*. 2004. 173(1):586-593.

11. Paulo C. Rodriguez, David G. Quiceno, **Jovanny Zabaleta**, Blair Ortiz, Arnold H. Zea, Maria B. Piazuelo, Alberto Delgado, Pelayo Correa, Jason Brayer, Eduardo M. Sotomayor, Scott Antonia, Juan B. Ochoa, and Augusto C. Ochoa. Arginase I production in tumor microenvironment by mature myeloid cells inhibits expression and antigen specific T cell responses. *Cancer Res.* 2004 Aug 15;64(16):5839-49.
12. Bansal V, Rodriguez P, Wu G, Eichler DC, **Zabaleta J**, Taheri F, Ochoa JB. Citrulline can preserve proliferation and prevent the loss of CD3 zeta chain under conditions of low arginine. *JPEN J Parenter Enteral Nutr.* 2004 Nov-Dec;28(6):423-30.
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15. Zea AH, Rodriguez PC, Atkins MB, Hernandez C, Signoretti S, **Zabaleta J**, McDermott D, Quiceno D, Youmans A, O'Neill A, Mier J, Ochoa AC. Arginase-producing myeloid suppressor cells in renal cell carcinoma patients: a mechanism of tumor evasion. *Cancer Res.* 2005 Apr 15;65(8):3044-8.
16. **Jovanny Zabaleta**, M. Constanza Camargo, M. Blanca Piazuelo, Elizabeth Fontham,; Barbara G. Schneider, Liviu A. Sicinschi, William Ferrante, Luis Balart , Pelayo Correa, and Augusto C. Ochoa. Association of interleukin-1B gene polymorphisms with precancerous gastric lesions in African Americans and Caucasians. *Am J Gastroenterol.* 2006 Jan;101(1):163-71
17. Sicinschi LA, Lopez-Carrillo L, Camargo MC, Correa P, Sierra RA, Henry RR, Chen J, **Zabaleta J**, Piazuelo MB, Schneider BG. Gastric cancer risk in a Mexican population: Role of Helicobacter pylori CagA positive infection and polymorphisms in interleukin-1 and -10 genes. *Int J Cancer.* 2006 Feb 1;118(3):649-57
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20. [Candia L](#), [Marquez J](#), [Gonzalez C](#), [Santos AM](#), [Londono J](#), [Valle R](#), [Zabaleta J](#), [Yaquib Z](#), [Espinoza LR](#). Low Frequency of Anticyclic Citrullinated Peptide Antibodies in Psoriatic Arthritis But Not in Cutaneous Psoriasis. *J Clin Rheumatol.* 2006 Oct;12(5):226-229.
21. Arnold H. Zea, Kirk S.Culotta, Juzar Ali, Carol Mason, Hae-Joon Park, **Jovanny Zabaleta**,

Luis F. Garcia and Augusto C. Ochoa. Decreased Expression of CD3 ζ and NF- κ B in Patients with Pulmonary tuberculosis: Potential Mechanisms and Reversibility with Treatment. [*J Infect Dis.*](#) 2006 Nov 15;194(10):1385-93. 2006.

22. Camargo MC, Mera R, Correa P, Peek RM Jr, Piazuelo MB, Sicinski L, Schneider BG, **Zabaleta J**, Fontham ET, Goodman KJ, Ryckman KK. [*Cancer Epidemiol Biomarkers Prev.*](#) 2007 Mar;16(3):635; author reply 635-6

23. **Zabaleta J**, [Schneider BG](#), [Ryckman K](#), [Hooper PF](#), [Camargo MC](#), [Piazuelo MB](#), [Sierra RA](#), [Fontham ET](#), [Correa P](#), [Williams SM](#), [Ochoa AC](#). [*Cancer Immunol Immunother.*](#) 2008 Jan;57(1):107-14.

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25. **Jovanny Zabaleta**, Hui-Yi Lin, Rosa A. Sierra, M. Craig Hall, Peter E. Clark, Oliver A. Sartor, Jennifer J. Hu, and Augusto C. Ochoa. Interactions of Cytokine Gene polymorphisms in Prostate Cancer Risk. *Carcinogenesis*. 2008 Mar;29(3):573-8.

26. **Jovanny Zabaleta**, M. Constanza Camargo, Marylyn D. Ritchie, M. Blanca Piazuelo, Rosa A. Sierra, Stephen D. Turner, Alberto Delgado, Elizabeth T. H. Fontham, Barbara G. Schneider, Pelayo Correa, Augusto C. Ochoa. Association of haplotypes of inflammation-related genes with gastric preneoplastic lesions in African Americans and Caucasians. Manuscript submitted.

Papers in non peer-reviewed journals

1. **J. Zabaleta**. 1997. Meningitis bacteriana aguda. *Medicina y Laboratorio*. 7(11):607-621.

2. L.F. García, M. Rojas, M. Arias, **J. Zabaleta**, J.I. Rodríguez, S.C. París, L.F. Barrera. 1997. Citoquinas en tuberculosis. *IATREIA*. 10(4):144-149.

3. Blair, S; Toro, MF; Correa, A; Diaz, A; **Zabaleta, J**; Carmona, J. 1999. Niveles Séricos elevados de IL-10 en pacientes con malaria aguda. *Acta Med. Col.* Vol 24; 15-18

4. C. Alvarez, D. Fernandez, M. Builes, **J. Zabaleta**, L.M. Retrepo, A. Villegas, L.F. García. 1999. Determinación de citoquinas intrainjerto en pacientes trasplantados de corazón. *Rev. Col. Alergia, Asma e Immunol.* Vol 8(3);p78.

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6. L. F. García, L. F. Barrera, S. C. Paris, G. M. Vasquez, E. Patiño, **J. Zabaleta**, M. Rojas. 2000. La tuberculosis: Una enfermedad inmunológica. *Rev. Col. Neumología*. Vol 12 (Supl): p52-55.

Book Chapters

Augusto C. Ochoa, Paulo C. Rodriguez, **Jovanny Zabaleta**, Pelayo Correa, and Arnold H. Zea. Immune defects in T cells from cancer patients. Parallels in infectious diseases Parallels in infectious diseases 2004. In: Current Clinical oncology: Cancer Immunotherapy at the Crossroads. How Tumor evade immunity and what can be done; pg 35-48. J. H. Finke, and R. M. Bukowski, eds. Humana Press Inc.

CONTRIBUTIONS TO THE GENE BANK:

-*Mycobacterium avium* subsp. *paratuberculosis* L-alanine dehydrogenase (ald) gene, complete cds. Accession Number AF322643