

CURRICULUM VITAE.

Jenny V. Garmendia P.

- Birth Date April 7, 1.966.
- Place of Birth: Caracas (D.F.), Venezuela.
- Nationality Venezuelan and Italian. (Czech residency).
- Language: Spanish, English, Czech (basic knowledge).
- Email: Jenny.garmendia@gmail.com

EDUCATION:

Undergraduate Studies:

1. Medical Doctor. Universidad Central de Venezuela. Faculty of Medicine. Caracas. Venezuela. April 4. 1991. Graduated with honours: *Summa Cum Laude*

Graduate Studies.

2. Specialist in Internal Medicine and Clinical Pathologies in Pregnancy. Maternidad Concepción Palacios. Caracas. Venezuela. December 1995. *Summa Cum Laude*
3. Magister Scientiarum in Clinical Immunology. Universidad Central de Venezuela. Faculty of Medicine. Caracas. Venezuela. 1999. *Summa Cum Laude* and *thesis with Honours in Chronic urticaria*

POSTIONS

1. Medical Resident. Baruta Municipality. Miranda State. March 1991-February 1992.
2. Instructor. Faculty of Medicine. Nursery Scholl. Universidad Central de Venezuela. Caracas. Venezuela. March-December 1992.
3. Adjoined Specialist. Ministry of Health at the National Centre for Clinical Immunology and Institute of Immunology. Universidad Central de Venezuela from March 1999 up to October 2005.
4. Assistant Professor of Clinical Immunology. Institute of Immunology. Faculty of Medicine. Universidad Central de Venezuela since October 2005.

5. Adjoined professor of Clinical Immunology. Institute of Immunology. Faculty of Medicine. Universidad Central de Venezuela since February 2018 until March 2019.
6. Since March 2019 External Medical consulting on line, Venezuelan doctor online.
7. Scientist at the Institute of Molecular and Translational Medicine since August 2020.

PRIZES

Honours. Venezuelan Society of Internal Medicine 1995.

Member of the Venezuelan Researchers of Excellence since 1999.

Venezuelan Pharmaceutical Chamber. The prize for a publication on the genetics of asthma in Venezuela population. 2010.

PUBLICATIONS:

Books

1. Garmendia P, Jenny V. (1989). "Cómo se realiza un Exámen Físico Cardiovascular" (How to do a physical assessment of patients with cardiovascular disease) in the book "Semiología Cardiovascular" Edited by Drs. Sergio Brandi Pifano y Deyanira Almeida Feo. Fondo Editorial Acta Científica. Caracas. Chapter 12, pp 135-141.
2. Garmendia P, Jenny V. "Factor Inmunológico de la Infertilidad" (Immunological factors in fertility). In "Infertilidad. Fisiología, Diagnóstico y Tratamiento". Editors: Gustavo Pages y Juan Aller. Chapter 13. Caracas 2005.
3. Garmendia, Jenny, Larocca Nancy, Machado Irma. "Inmunopatología de la hepatitis por virus B". (Immunology of hepatitis B) "In Hepatitis Virales". Interamerican Press. 2015
4. Garmendia, Jenny V. "Aspectos inmunológicos de las infecciones". (Immunological concepts in infections) "In Microbiología para estudiantes de Medicina" (Microbiology for Medical Students). Mata, Sofia et al. Pan American Editions. 2015

MANUSCRIPTS

1. Torres, SH; Mijares, H; Hernández, N; Rivas, M; Garmendia, J; Kaswan, D. (1989). "La Biopsia Muscular Como Ayuda Para la Orientación del Entrenamiento de Atletas". Archivos de Medicina del Deporte (España). 1989; VI (22):153-158.

2. Mijares,H; Hernández, J; Torres, SH; Hernández, N; Garmendia, J. "La prueba del ergosalto y su relación con los tipos de fibras musculares en atletas de diferentes especialidades". Archivos de Medicina del Deporte (España),1993; X (37):19-22.
3. Torres, SH, Kaswan, D, Andújar, J; Garmendia, J; Hernández "Effect of vasoactive drugs on muscle fibre types and capillaries." Acta Científica Venezolana, 1994; 45: 199-206.
4. Mijares,H; Torres SH; Hernández, A; Hernández N; Garmendia, J. "La Composición fibrilar y las pruebas de Wingate y el ergosalto en atletas". Archivos de Medicina del Deporte (España), 1995; XII (45): 17-21.
5. Garmendia, J; Curiel, R. Insuficiencia cardíaca. Revista de Hospital, 1995; 1(3): 3-12.
6. Garmendia, J; Torres, SH; Hernández, N; Finol, HJ, Martínez, A. Miositis osificante progresiva: ultraestructura, bioquímica e histoquímica de músculo macroscópicamente sano. Rev. Esp. Cir. Osteoart. 1995; 30:51-55.
7. Garmendia, J.; Gutiérrez, Y. Síndrome de fatiga crónica. Revista de Hospital, 1995; 1(4): 3-14.
8. Garmendia, J.; Feo-Figarella, A. Hipertensión inducida por el embarazo. Revista el Hospital, 1996; 2(3): 7-20.
9. Garmendia, J.; Gutiérrez, Y. Ehler Danlos y embarazo. Reporte de un caso. Rev. Obstet. Ginecol. Venez. 1996; 56(4): 225-227.
- 10.Garmendia, J.; Bianco, N.E.; De Sanctis, J.B. Serum cholinesterase activity in different types of hypertension during pregnancy. Med. Sci. Res. 1997, 25: 223-224.
- 11.Garmendia J. V., Gutiérrez Y., Blanca I., Bianco N.E., De Sanctis. J. B. Nitric Oxide In Different Types Of Hypertension During Pregnancy. Clinical Science. 1997, 93: 413-421.
- 12.Garmendia J.V., Mendez R. M., Garcia A. H., Tassinari P., Aldrey O., Conesa A., Bianco N. E., De Sanctis J. B. Serum nitric oxide products in different allergic diseases. Medical Science Research. 1998, 26 (2): 125-127.
- 13.Caripidis J, Suárez J, Bello F, Rodríguez F, Garmendia J, Díaz E, Cadena L. (1998). Estrongiloidiasis sistémica y embarazo. Reporte de un caso y revisión del tema. Gac. Méd. Caracas 106(1) 47-51.
- 14.Garmendia, J.V., Regalado de Ríos, Z., Bianco, N.E., De Sanctis, J.B. "Serum c-reactive protein in pregnancy induced hypertension". Medical Science Research. 1999, 27: 457-458.

15. Garmendia, J. (1999). "Inmunología y patología de la infección tuberculosa. Boletín Sociedad Venezolana de Microbiología. 19 (1) 29-30.
16. Anato, V., Garmendia, J.V., Bianco, N.E., De Sanctis, J.B. (2000) "Leptin levels in different types of hypertension during pregnancy". Research Communications in Molecular Pathology and Pharmacology. 180 (3-4) 147-154.
17. Garmendia, J. (2001). "Inmunopatología de la infección por micobacteria". Acta Cient. Venez. 52, supp 1 pp 10-12.
18. Anato, V., Garmendia JV., Bianco N.E., De Sanctis, J.B. (2001). "Anti-hypertensive treatment decreases serum leptin levels in severe preeclampsia during pregnancy". Annals of Nutrition and Metabolism. 45 (5): 190-2
19. Garmendia J, Rondón Lugo A, Gennaro C, Tassinari P, Rincones H, Prado A, Montagne M, Cerullo de Mijares C, Acevedo G, Guadagnini E, Bouchard M, Sarmiento L, Urdaneta E, Camacho J, Hernández GA. (2003). Experiencia terapéutica con desloratadina en urticaria crónica idiopática. Dermatología Venezolana 41(1) 18-23.
20. Garmendia J.V., Zabaleta M., Blanca I., Bianco N.E., De Sanctis J.B. (2004). Total and biologically active serum soluble CD154 in patients with chronic idiopathic urticaria. Allergy and Asthma Proceedings. 25 (2) 121-5.
21. De Sanctis JB, Garmendia JV, Radzioch A, Radzioch D. New frontiers in the therapeutic management of transplant rejection. Curr Pharmacol Design 2006. Vol 12. (19) 2383-2395
22. Garmendia JV, Zabaleta M, Aldrey O, Rivera H, De Sanctis JB, Bianco NE, Blanca I. Immunophenotype Characteristics Of Peripheral Blood Mononuclear Leukocytes Of Chronic Idiopathic Urticaria Patients. Investigación Clínica 2006: 47 (4): 361-369.
23. De Sanctis JB, Mijares M, Suárez A, Compagnone R, Garmendia J, Moreno D, Salazar-Bookaman M., Glutarimide alkaloids, thalidomide, immune response, anti-inflammatory and antitumoral responses. Recent Patents in Allergy and Immunology 2010. 4(2):144-8.
24. De Sanctis JB, Garmendia JV, Moreno D, Larocca N, Mijares M, Di Giulio C, Salazar-Bookaman M, Radzioch D. Pharmacological modulation of Th17. Recent Patents in Allergy and Immunology 2009. 3(2):149-56

25. De Sanctis JB, Zabaleta M, Bianco NE, Garmendia JV, Rivas L. Serum adipokines levels in patients with systemic lupus erythematosus. *Autoimmunity* 2009. 42(4) 272-274.
26. De Sanctis JB, Garmendia JV, Chaurio R, Zabaleta M, Rivas L. Total and biologically active CD154 in patients with SLE. *Autoimmunity* 2009. 42 (4) 263-265.
27. Larocca NE, Moreno D, Garmendia JV, De Sanctis JB. Role of beta2 agonists in respiratory medicine with particular attention to novel patents and effects on endocrine system and immune response. *Recent Pat Endocr Metab Immune Drug Discov.* 2011 Sep;5(3):230-6.
28. Larocca NE, Moreno D, Garmendia JV, De Sanctis JB. Inhibitors of phosphoinositol 3 kinase and NFκB for the treatment of chronic obstructive pulmonary disease. *Recent Pat Inflamm Allergy Drug Discov.* 2011 Sep;5(3):178-83.
29. Larocca NE, Moreno D, Garmendia JV, De Sanctis JB. New pharmacological treatments for patients with chronic obstructive pulmonary disease (COPD). *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub.* 2011 Mar;155(1):43-50.
30. Marchi R, Maya I, Garmendia J. [Effect of antiphospholipid antibodies on the formation and lysis of fibrin network in patients with recurrent miscarriage]. *Invest Clin.* 2011 Mar;52(1):35-47.
31. Garmendia JV, Moreno DC, Tálamo C, De Sanctis JB. Reactividad a aeroalérgenos en pacientes con EPOC. *Pulmón (Revista de la Sociedad Venezolana de Neumonología y Cirugía de Tórax).* 2011; 2 (4) 25-29.
32. Garmendia JV, De Sanctis JB. Perspectives of New Therapies for Endometriosis. *Recent Pat Endocr Metab Immune Drug Discov.* 2012 Sep;6(3):218-23
33. Larocca NE, Moreno D, Garmendia JV, Vlásquez O, Martín-Rojo, J, Tálamo C, De Sanctis JB. Beta 2 Adrenergic Receptor Polymorphisms, At Positions 16 And 27, And Bronchodilator Responses In Adult Venezuelan Asthmatic Patients. *Biomedical Papers* 2013 . 2013 157(4):374-378.
34. Garmendia JV, Contreras XT, Rodríguez G, Seyedi R, Tassinari P, Bianco NE. Sensibilización al maní en pacientes venezolanos con enfermedades atópicas y uricaria. *Rev fac Med. UCV* 212; 35 (2):36-39.
35. Pimentel HE, Garmendia JV Síndrome látex-frutas y su importancia en Odontología” *Acta Odontológica Venezolana* 2013: Vol. 51 N° 1

36. García A, Moreno D, Garmendia JV, De Sanctis JB. Biomarkers in Asthma and COPD. *Recent Pat Biomarkers* 2013 . 2013, 3(2); 137-144.
37. García A, Moreno D, Garmendia J, De Sanctis JB. Revisión de biomarcadores en asma y EPOC. *Neumonología y Cirugía de Tórax (Mexico)* 2013. 72(4) 299-305.
38. Garmendia JV, Moreno D, García AH, De Sanctis J B. Metabolic Syndrome and asthma. *Recent Pat Endocr Metab Immune Drug Discov.* 2014; 8 (1) 60-66.
39. Marchi R, Garmendia J, Kanzler D, Fuenmayor J. Study of the fibrinolytic process in a patient with antiphospholipid syndrome. *Blood Coagul Fibrinolysis.* 2015 Apr;26(3):239-45.
40. De Sanctis JB, Garmendia JV. Vaccine Therapy Update for Pregnant, Immunocompromised, and Chronic Diseases Patients. *Recent Pat Inflamm Allergy Drug Discov.* 2015 9(1) 46-53.
41. Martínez D, Lema D, Moreno D, García A, Garmendia JV. De Sanctis JB. Single nucleotide polymorphisms V4 and T1 of the ADAM33 gene in Venezuelan patients with asthma or chronic obstructive pulmonary disease. *Invest Clin* 2016; 57(2): 176 – 186.
42. Bravo García-Morato M, Calvo Apalategi A, Bravo-Gallego LY, et al. Impaired control of multiple viral infections in a family with complete IRF9 deficiency. *J Allergy Clin Immunol.* 2019;144(1):309–312.
43. De Sanctis JB, Garmendia JV, Blanca I. et al A brief overview of cancer research in the elderly population. *Gac Méd Caracas* 2020;128(3):290-295.
44. Garmendia, J.V.; De Sanctis, J.B. A Brief Analysis of Tissue-Resident NK Cells in Pregnancy and Endometrial Diseases: The Importance of Pharmacologic Modulation. *Immuno* 2021, 1, 174-193. <https://doi.org/10.3390/immuno1030011>
45. De Sanctis, J.B.; Garmendia, J.V.; Hajdúch, M. Overview of Memory NK Cells in Viral Infections: Possible Role in SARS-CoV-2 Infection. *Immuno* 2022, 2, 52-67. <https://doi.org/10.3390/immuno2010005>
46. Garmendia, J.V.; García, A.H.; De Sanctis, C.V.; Hajdúch, M.; De Sanctis, J.B. Autoimmunity and Immunodeficiency in Severe SARS-CoV-2 Infection and Prolonged COVID-19. *Curr. Issues Mol. Biol.* 2023, 45, 33-50. <https://doi.org/10.3390/cimb45010003>
47. Garmendia J.V., De Sanctis J.V.; Das V.; Annandurai N; Hajdúch M; De Sanctis JB. Inflammation, autoimmunity and neurodegenerative diseases, therapeutics and beyond. *Current Neuropharmacol.* In press 2023

Director of thesis

1.- Xiomara Terisol Contreas. Magister in Clinical Immunology 2010 Universidad Central de Venezuela. ***Polimorfismos de las sintetasas del óxido nítrico endotelial y neuronal en pacientes con asma.*** (Gene polymorphisms of Nitric oxide synthases endotelial and neuronal in patients with asthma). Honours.

2.- Rodríguez Irene. BSc in ***Bionálisis. Expresión de la molécula CD40 L en mujeres embarazadas y con pérdida fetal recurrente*** (Expression of CD40L in pregnant women and women with frequent pregnancy loss). 2013. Universidad Central de Venezuela. Honours

3.-Parra D. Bsc ***BSc Bionálisis Células tolerogénicas en mujweres embarazadas y con pérdida fetal recurrente*** (Tolerogenic cells in pregnant women and women with frequent pregnancy loss). 2013. Universidad Central de Venezuela. Honours

4.- Álvares A. ***MSc . Polimorfiamos KIR en mujeres con pérdida fetal recurrente (KIR gene polymorphism in women with frequent pregnancy loss). Universidad Central de Venezuela. Submitted.***