

DR. HECTOR GATICA ROSSI



ESTUDIOS

Especialidad en Medicina Interna, Hospital Clínico Universidad de Chile (1979).

Especialidad en Reumatología, Hospital Clínico Universidad de Chile (1981)

Master of Science (D.M.E. Clinical Epidemiology). McMaster University. Canadá

EVALUACIÓN ACADÉMICA

Profesor asociado

ÁREA DE INTERÉS

Enfermedades reumatológicas autoinmunes/inflamatorias

PUBLICACIONES

1. Interstitial lung disease and microscopic polyangiitis in Chilean patients. Wurmman P, Sabugo F, Elgueta F, Mac-Namara M, Vergara K, Vargas D, Molina ML, Díaz JC, Gatica H, Goecke A. *Sarcoidosis Vasc Diffuse Lung Dis.* 2020; 37(1):37-42. doi: 10.36141/svldd.v37i1.7980
2. [Variables associated with mortality in 103 patients with anti-neutrophil cytoplasmic antibodies associated vasculitis]. Vargas D, Goecke A, Gatica H, Castro Lara A, Wurmman P. *Rev Med Chil.* 2020 Jun;148(6):755-761. doi: 10.4067/S0034-98872020000600755
3. Evaluation of the Glucocorticoid Receptor as a Biomarker of Treatment Response in Vogt-Koyanagi-Harada Disease. Urzua CA, Guerrero J, Gatica H, Velasquez V, Goecke A. *Invest Ophthalmol Vis Sci.* 2017 Feb 1;58(2):974-980. doi: 10.1167/iovs.16-20783.
4. LPS regulates the expression of glucocorticoid receptor α and β isoforms and induces a selective glucocorticoid resistance in vitro. Molina ML, Guerrero J, Cidlowski JA, Gatica H, Goecke A. *J Inflamm (Lond).* 2017 Oct 16;14:22. doi: 10.1186/s12950-017-0169-0. eCollection 2017
5. Earlier immunomodulatory treatment is associated with better visual outcomes in a subset of patients with Vogt-Koyanagi-Harada disease. Urzua CA, Velasquez V, Sabat P, Berger O, Ramirez S, Goecke A, Vásquez DH, Gatica H, Guerrero J. *Acta Ophthalmol.* 2015 Sep;93(6):e475-80. doi: 10.1111/aos.12648.
6. Septic serum induces glucocorticoid resistance and modifies the expression of glucocorticoid isoforms receptors: a prospective cohort study and in vitro experimental assay. Guerrero J, Gatica HA, Rodríguez M, Estay R, Goecke IA. *Crit Care.* 2013 Jun 12;17(3):R107. doi: 10.1186/cc12774.

7. The presence of anti-citrullinated protein antibodies (ACPA) does not affect the clinical response to adalimumab in a group of RA patients with the tumor necrosis factor (TNF) α -308 G/G promoter polymorphism. Soto L, Sabugo F, Catalan D, Wurmman P, Cermenatti T, Gatica H, Aravena O, Salazar L, Aguillón JC, Cuchacovich M. *Clin Rheumatol*. 2011 Mar;30(3):391-5. doi: 10.1007/s10067-011-1679-4.
8. Effects of methotrexate on the expression of the translational isoforms of glucocorticoid receptors α and β : correlation with methotrexate efficacy in rheumatoid arthritis patients. Gatica H, Aliste M, Guerrero J, Goecke IA. *Rheumatology (Oxford)*. 2011 Sep;50(9):1665-71. doi:10.1093/rheumatology/ker126. Epub 2011 Jun 3.
9. Motion correction and myocardial perfusion SPECT using manufacturer provided software. Does it affect image interpretation? Massardo T, Jaimovich R, Faure R, Muñoz M, Alay R, Gatica H. *Eur J Nucl Med Mol Imaging*. 2010 Apr;37(4):758-64. doi: 10.1007/s00259-009-1290-y.
10. Basal anti-cyclic citrullinated peptide (anti-CCP) antibody levels and a decrease in anti-CCP titres are associated with clinical response to adalimumab in rheumatoid arthritis. Cuchacovich M, Catalan D, Wainstein E, Gatica H, Soto L, Aravena O, Pesce B, Sabugo F, Aguillón JC. *Clin Exp Rheumatol*. 2008 Nov-Dec;26(6):1067-73.
11. L-type calcium channels in growth plate chondrocytes participate in endochondral ossification. Mancilla EE, Galindo M, Fertilio B, Herrera M, Salas K, Gatica H, Goecke A. *J Cell Biochem*. 2007 May 15;101(2):389-98. doi: 10.1002/jcb.21183.
12. Comparison of radionuclide ventriculography using SPECT and planar techniques in different cardiac conditions. Massardo T, Jaimovich R, Lavados H, Gutiérrez D, Rodríguez JC, Saavedra JM, Alay R, Gatica H. *Eur J Nucl Med Mol Imaging*. 2007 Nov;34(11):1735-46. doi: 10.1007/s00259-007-0472-8.
13. Methotrexate regulates the expression of glucocorticoid receptor alpha and beta isoforms in normal human peripheral mononuclear cells and human lymphocyte cell lines in vitro. Goecke IA, Alvarez C, Henríquez J, Salas K, Molina ML, Ferreira A, Gatica H. *Mol Immunol*. 2007 Mar;44(8):2115-23. doi: 10.1016/j.molimm.2006.07.303. Epub 2006 Nov 21.
14. Early response to venlafaxine antidepressant correlates with lower ACTH levels prior to pharmacological treatment. Araya AV, Rojas P, Fritsch R, Rojas R, Herrera L, Rojas G, Gatica H, Silva H, Fiedler JL. *Endocrine*. 2006 Dec;30(3):289-98. doi: 10.1007/s12020-006-0007-2.
15. Autoevaluación de fortalezas, debilidades y confianza de los médicos de atención primaria en el abordaje de enfermedades reumatológicas. Pacheco D, Gatica H, Kaliski S. *Rev Med Chil* 2006; 134(7):812-820
16. Tumour necrosis factor (TNF)alpha -308 G/G promoter polymorphism and TNFalpha levels correlate with a better response to adalimumab in patients with rheumatoid arthritis. Cuchacovich M, Soto L, Edwardes M, Gutierrez M, Llanos C, Pacheco D, Sabugo F, Alamo M, Fuentealba C, Villanueva L, Gatica H, Schiattino I, Salazar L, Catalan D,

- Valenzuela O, Salazar-Onfray F, Aguillón JC. *Scand J Rheumatol*. 2006 Nov-Dec;35(6):435-40. doi: 10.1080/03009740600904284.
17. Behçet's disease patients present high levels of deglycosylated anti-lipoteichoic acid IgG and high IL-8 production after lipoteichoic acid stimulation. Cuchacovich M, Merino G, Yamamoto JH, Villarroel F, Saavedra T, Jofre S, Gatica H, Velasquez V, Pizzo SV, Gonzalez-Gronow M. *Clin Exp Rheumatol*. 2005 Jul-Aug;23(4 Suppl 38):S27-34.
 18. Anti-tumor necrosis factor-alpha therapy augments dipeptidyl peptidase IV activity and decreases autoantibodies to GRP78/BIP and phosphoglucose isomerase in patients with rheumatoid arthritis. Mavropoulos JC, Cuchacovich M, Llanos C, Aguillón JC, Gatica H, Pizzo SV, Gonzalez-Gronow M. *J Rheumatol*. 2005 Nov;32(11):2116-24.
 19. Tumour necrosis factor-alpha (TNF-alpha) levels and influence of -308 TNF-alpha promoter polymorphism on the responsiveness to infliximab in patients with rheumatoid arthritis. Cuchacovich M, Ferreira L, Aliste M, Soto L, Cuenca J, Cruzat A, Gatica H, Schiattino I, Pérez C, Aguirre A, Salazar-Onfray F, Aguillón JC. *Scand J Rheumatol*. 2004;33(4):228-32. doi: 10.1080/03009740410005863.
 20. Streptokinase promotes development of dipeptidyl peptidase IV (CD26) autoantibodies after fibrinolytic therapy in myocardial infarction patients. Cuchacovich M, Gatica H, Vial P, Yovanovich J, Pizzo SV, Gonzalez-Gronow M. *Clin Diagn Lab Immunol*. 2002 Nov;9(6):1253-9. doi: 10.1128/cdli.9.6.1253-1259.2002.
 21. [Antibodies against recombinant Ro 60 Kd, Ro 52 and La 48 Kd proteins in primary Sjogren's Syndrome. Utility of analytic methods combination to detect antibodies anti Ro and La]. Aguilera S, González MJ, Pérez P, Castillo D, Gatica H. *Rev Med Chil*. 2002 Aug;130(8):841-9.
 22. [Intestinal necrosis as clinical presentation of Takayasu arteritis]. Cornejo R, Gatica H, Segovia E, Cortés C. *Rev Med Chil*. 2002 Oct;130(10):1159-64.
 23. Characterization of human serum dipeptidyl peptidase IV (CD26) and analysis of its autoantibodies in patients with rheumatoid arthritis and other autoimmune diseases. Cuchacovich M, Gatica H, Pizzo SV, Gonzalez-Gronow M. *Clin Exp Rheumatol*. 2001 Nov-Dec;19(6):673-80.
 24. [Clinical features and response to systemic treatment of primary and secondary episcleritis and scleritis resistant to local treatment]. Cuchacovich T M, Pacheco P, Merino G, Gallardo P, Gatica H, Valenzuela H, Verdaguer J, Verdaguer J. *Rev Med Chil*. 2000 Nov;128(11):1205-14.
 25. [Renal scleroderma crisis. Role of scleroderma vasculopathy in the induction of cutaneous and visceral fibrosis in 2 cases]. Cuchacovich M, Holuigue G, Gatica H, Alvo M, Murray G. *Rev Med Chil*. 2000 Jan;128(1):86-92.
 26. [Prognostic value of Sharp's index in the clinical and laboratory response to an intravenous methylprednisolone pulse in patients with rheumatoid arthritis]. Cuchacovich M, Gatica H, Muñoz S, González P. *Rev Med Chil*. 2000 Mar;128(3):301-8.

27. [Treatment of non infectious ocular inflammatory disease with low doses of cyclosporin A]. Cuchacovich M, Gatica H, Verdaguer JI, Carreño MA, Villarroel F, Verdaguer J. *Rev Med Chil.* 1999 Mar;127(3):277-85.
28. [Comparison of the efficacy of intraarticular and intraarterial injections of two betamethasone preparations in patients with osteoarthritis or epicondylitis]. Oksenberg D, Cuchacovich M, Alamo M, Goecke A, Contreras L, Catalán J, Saavedra I, Gaete L, Gatica H. *Rev Med Chil.* 1998 Jun;126(6):623-8.
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30. [Patients with rheumatoid arthritis: study of the correlation between density of glucocorticoid receptors in synovial cells and clinical response to steroidal treatment]. Cuchacovich M, Tchernitchin NN, Gatica H, Wurgaft R, Contreras L, Tchernitchin AN. *Rev Med Chil.* 1996 Feb;124(2):160-9.
31. [Regional transient osteoporosis and reflex sympathetic dystrophy. Are they different entities or clinical variants of the same disease?]. Cuchacovich M, Vial P, Trehwela R, Gatica H. *Rev Med Chil.* 1995 Apr;123(4):485-92.
32. [Treatment of ocular inflammatory disease with glucocorticoids and cyclophosphamide pulses]. Cuchacovich M, Verdaguer JI, Gatica H, López JM, Verdaguer J. *Rev Med Chil.* 1995 Jul;123(7):865-73.
33. [Clinical usefulness of rheumatoid factor in synovial fluid. Re-evaluation]. Sari L, Astorga G, Carvajal P, Gatica H. *Rev Med Chil.* 1993 Dec;121(12):1374-81.
34. [Role of sex hormones in autoimmune diseases]. Cuchacovich M, Gatica H, Tchernitchin AN. *Rev Med Chil.* 1993 Sep;121(9):1045-52.
35. Precision of the Larsen and the Sharp methods of assessing radiologic change in patients with rheumatoid arthritis. Cuchacovich M, Couret M, Peray P, Gatica H, Sany J. *Arthritis Rheum.* 1992 Jul;35(7):736-9. doi: 10.1002/art.1780350703.
36. [Neurologic involvement in Reiter's disease. Report of 2 cases]. Cuchacovich M, Gatica H, Contreras L. *Rev Med Chil.* 1991 Jun;119(6):687-90.
37. Intraarticular progesterone inhibits 3H-dexamethasone binding to synovial cells from patients with rheumatoid arthritis. A study by dry radioautographic technique. Cuchacovich M, Wurgaft R, Mena MA, Valenzuela C, Gatica H, Tchernitchin AN. *J Rheumatol.* 1991 Jul;18(7):962-7.
38. [Interstitial pulmonary involvement in rheumatoid arthritis. Analysis by bronchoalveolar lavage]. Astorga G, Cuchacovich M, Pacheco S, Díaz M, Gatica H. *Rev Med Chil.* 1991 Jan;119(1):33-7.
39. [Patients with primary anterior uveitis. Determination of circulating immune complexes]. Cuchacovich M, Mordojovich MA, Verdaguer J, Rojas B, Salazar R, Gatica H, Astorga G. *Rev Med Chil.* 1989 Feb;117(2):129-34.

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Cuchacovich M, Tchernitchin A, Gatica H, Wurgaft R, Valenzuela C, Cornejo E. J Rheumatol. 1988 Apr;15(4):561-5.
41. [Calcitonin in acute pain due to vertebral fracture in osteoporosis. Cooperative study].
Arinovich R, Arriagada M, Jacobelli S, Massardo L, Rivero S, Aris H, Valenzuela M, Rojas C, Carvallo A, Gatica H, et al. Rev Med Chil. 1987 Nov;115(11):1039-43.
42. [Takayasu's arteritis: study of 11 cases]. Gatica H, Cuchacovich M, Contreras V. Rev Med Chil. 1987 Aug;115(8):737-42.

CARGOS EN SOCIEDADES

- Expresidente Sociedad Chilena de Reumatología
- Expresidente Sociedad Médica de Santiago
- Sociedad Uruguaya de Reumatología
- Sociedad Uruguaya de Medicina Interna
- Sociedad de Medicina Interna de Buenos Aires
- Sociedad Argentina de Reumatología
- Sociedad Latinoamericana de Medicina Interna. PANLAR

PARTICIPACIÓN EN ASESORÍAS MINISTERIALES

Evaluación evidencia de asociación vacunas-enfermedad espectro autista
Certificación /Recertificación especialistas

OTROS

Comité Certificación Especialistas Medicina Interna. ASOFAMECH
Comité Certificación de Especialista Reumatología. ASOFAMECH
Comisión de Acreditación de Programas y Centros Formadores ASOFAMECH
Exjefe Sección Reumatología Hospital Clínico U. de Chile
Exdirector Departamento Medicina Norte Facultad de Medicina. Hospital Clínico U. de Chile
Exsubdirector Escuela de Postgrado Facultad de Medicina

IDIOMAS

Español (nativo), inglés, francés (lectura)