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LÍNEAS DE
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GENES ASOCIADOS A
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DE RIESGO PARA
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EXPRESIÓN GÉNICA
ONCOGÉNES

EXPERTA EN GENÉTICA MOLECULAR

ARTÍCULOS PUBLICADOS

[Association of polymorphisms of the TNFRSF11B and TNFSF11 genes with bone mineral density in postmenopausal women from western Mexico.](#) González-Mercado A, Sánchez-López JY, Perea-Díaz FJ, Magaña-Torres MT, Salazar-Páramo M, González-López L, González-Mercado MG, Ibarra-Cortés B. Arch Med Sci. 2019 Sep;15(5):1352-1356. doi: 10.5114/aoms.2019.87410. Epub 2019 Aug 22. No abstract available.

[The ERBB2 gene polymorphisms rs2643194, rs2934971, and rs1058808 are associated with increased risk of gastric cancer.](#) Vázquez-Ibarra KC, Bustos-Carpinteyro AR, García-Ruvalcaba A, Magaña-Torres MT, Gutiérrez-Aguilar R, Marín-Contreras ME, Santiago-Luna E, Sánchez-López JY. Braz J Med Biol Res. 2019;52(5):e8379. doi: 10.1590/1414-431X20198379. Epub 2019 May 16.

[CDH1 somatic alterations in Mexican patients with diffuse and mixed sporadic gastric cancer.](#) Bustos-Carpinteyro AR, Oliveira C, Sousa A, Oliveira P, Pinheiro H, Carvalho J, Magaña-Torres MT, Flores-Miramontes MG, Aguilar-Lemarroy A, Jave-Suárez LF, Peregrina-Sandoval J, Cruz-Ramos JA, Sánchez-López JY. BMC Cancer. 2019 Jan 14;19(1):69. doi: 10.1186/s12885-019-5294-0.

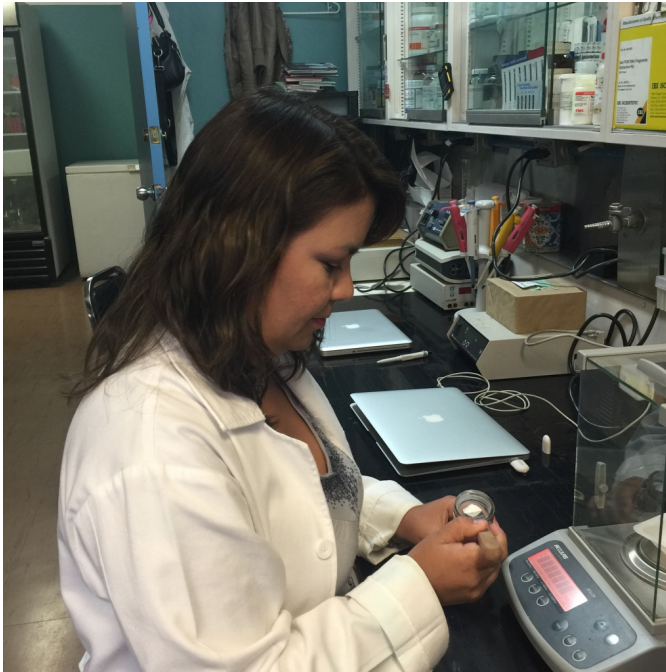
[TYMS 2R3R polymorphism and DPYD \[IVS\]14+1G>A gene mutation in Mexican colorectal cancer patients.](#) Gallegos-Arreola MP, Zúñiga-González GM, Sánchez-López JY, Cruz AYN, Peralta-Leal V, Figuera LE, Puebla-Pérez AM, Ronquillo-Carreón CA, Puebla-Mora AG. Acta Biochim Pol. 2018;65(2):227-234. doi: 10.18388/abp.2017_2338. Epub 2018 Jun 15.

[Los receptores epidérmicos humanos en el cáncer gástrico: alteraciones moleculares y su papel como diana terapéutica.](#) Bustos-Carpinteyro AR, Magaña-Torres MT, González-García JR, Torres-Jasso JH, Sánchez-López JY. Gac Med Mex. 2017;153(7):830-840. doi: 10.24875/GMM.17002748. Review.

[Thymidylate synthase gene variants as predictors of clinical response and toxicity to fluoropyrimidine-based chemotherapy for colorectal cancer.](#) Castro-Rojas CA, Esparza-Mota AR, Hernandez-Cabrera F, Romero-Díaz VJ, Gonzalez-Guerrero JF, Maldonado-Garza H, Garcia-Gonzalez IS, Buenaventura-Cisneros S, Sanchez-Lopez JY, Ortiz-Lopez R, Camacho-Morales A, Barboza-Quintana O, Rojas-Martinez A. Drug Metab Pers Ther. 2017 Dec 20;32(4):209-218. doi: 10.1515/dmpt-2017-0028.

[A Novel 31.1 kb \$\alpha\$ -Thalassemia Deletion \(-^{MEX3}\) Found in a Mexican Family.](#) Rentería-López VM, Perea-Díaz FJ, Rizo-de-la-Torre LC, Sánchez-López JY, Ibarra-Cortés B. Hemoglobin. 2017 May;41(3):180-184. doi: 10.1080/03630269.2017.1356330. Epub 2017 Aug 9.

[Three novel HBB mutations, c.-140C>G \(-90 C>G\), c.237_256delGGACAACCTCAAGGGCACCT \(FS Cd 78/85 -20 bp\), and c.315+2T>G \(IVS2:2 T>G\). Update of the mutational spectrum of \$\beta\$ -Thalassemia in Mexican mestizo patients.](#) Rizo-de-la-Torre LC, Ibarra B, Sánchez-López JY, Magaña-Torres MT, Rentería-López VM, Perea-Díaz FJ. Int J Lab Hematol. 2017 Oct;39(5):539-545. doi: 10.1111/ijlh.12692. Epub 2017 Jun 12.



[\[Risk factors associated to diffuse gastric cancer and intestinal histological patterns in an adult population from Western Mexico\]](#). Delgado-Figueroa N, Casas-Junco P, Torres-Jasso JH, Bustos-Carpinteyro AR, Santiago-Luna E, Marín-Contreras ME, Sánchez-López JY. Gac Med Mex. 2017 Mar - Apr;153(2): 173-178. Spanish.

[EGFR gene polymorphisms -216G>T and -191C>A are risk markers for gastric cancer in Mexican population.](#) Torres-Jasso JH, Marín ME, Santiago-Luna E, Leoner JC, Torres J, Magaña-Torres MT, Perea FJ, Ibarra B, Sánchez-López JY. Genet Mol Res. 2015 Mar 13;14(1):1802-7. doi: 10.4238/2015.March.13.8. PMID: 25867325

[5' and 3' \$\beta\$ -globin haplotypes in purepechas and Tarahumaras, two Mexican indigenous groups.](#) Casas-Castañeda M, Ibarra B, Rizo-De La Torre LC, Sánchez-López JY, Magaña-Torres MT. Am J Hum Biol. 2015 Sep-Oct;27(5):697-703. doi: 10.1002/ajhb. 22691. Epub 2015 Mar 7. PMID: 25753940

[Risk factors for osteoporosis in postmenopausal women from Guadalajara, Jalisco.](#) González-Mercado A, Sánchez-López JY, Ibarra B. Salud Publica Mex. 2013 Dec;55(6):627-30. Spanish. PMID: 24715015.

[Association analysis of vitamin D receptor gene polymorphisms and bone mineral density in postmenopausal Mexican-Mestizo women.](#) González-Mercado A, Sánchez-López JY, Regla-Nava JA, Gámez-Nava JI, González-López L, Duran-Gonzalez J, Celis A, Perea-Díaz FJ, Salazar-Páramo M, Ibarra B. Genet Mol Res. 2013 Jul 30;12(3):2755-63. doi: 10.4238/2013.July.30.13. PMID: 23979900

[Analysis of the polymorphisms EGFR-r521K and ERBB2-I655V in Mexican patients with gastric cancer and premalignant gastric lesions.](#) Torres-Jasso JH, Bustos-Carpinteyro AR, Marín ME, Santiago E, Leoner C, Flores-Luna L, Torres J, Sánchez-López JY. Rev Invest Clin. 2013 Mar-Apr;65(2):150-5. PMID: 23844533.

[Gastric cancer: genetic and molecular abnormalities.](#) Torres-Jasso JH, Sánchez-López JY. Gac Med Mex. 2011 Jan-Feb;147(1):72-3. Spanish. PMID: 21412400

[Characterization of the 5' and 3' breakpoints of the Spanish \(\$\delta\beta\$ \)0-thalassemia deletion in Mexican patients.](#) Guzmán LF, Perea FJ, Morales-González KR, Sánchez-López JY, de la Cruz EI, Chávez-Velasco ML, Ibarra CB. Hemoglobin. 2011;35(1):80-3. doi: 10.3109/03630269.2010.544610. PMID: 21250884.



[Types and frequencies of hemoglobin disorders in the pacific coast of four states of Mexico.](#) Cobián JG, Sánchez-López JY, Magaña MT, Chávez ML, Perea FJ, Ibarra B. Rev Invest Clin. 2009 Sep-Oct;61(5):399-404. PMID: 20184100.

[Analysis of the SLC4A1 gene in three Mexican patients with hereditary spherocytosis: Report of a novel mutation.](#) Sánchez-López JY, Camacho-Torres AL, Ibarra B, Tintos JA, Perea FJ. Genet Mol Biol. 2010 Jan; 33(1):9-11. doi: 10.1590/S1415-47572009005000109. Epub 2010 Mar 1. PMID: 21637597.

[HB Fannin-Lubbock-I with a single GGC>GAC mutation at beta119\(GH2\)Gly-->Asp in a homozygous Mexican patient.](#) Ibarra B, Aizpuru E, Sánchez-López JY, Morales KR, Perea FJ, Ruiz-Reyes G. Hemoglobin. 2009;33(6): 492-7. doi: 10.3109/03630260903332866. PMID: 19958195.

[Polymorphism analysis of G199A, NcoI in ANK1 and Memphis I in SLC4A1 genes in Mexican healthy individuals and subjects affected with hereditary spherocytosis.](#) Camacho-Torres AL, Sánchez-López JY, Mesa-Cornejo VM, Ibarra B, Perea-Díaz FJ. Gac Med Mex. 2006 Sep-Oct;142(5):435-7. PMID: 17128827.

[Molecular spectrum of beta-thalassemia in the Mexican population.](#) Perea FJ, Magaña MT, Cobián JG, Sánchez-López JY, Chávez ML, Zamudio G, Esparza MA, López-Guido B, Ibarra B. Blood Cells Mol Dis. 2004 Sep-Oct; 33(2):150-2. PMID: 15315794.

[Red cell membrane protein deficiencies in Mexican patients with hereditary spherocytosis.](#) Sánchez-López JY, Camacho AL, Magaña MT, Ibarra B, Perea FJ. Blood Cells Mol Dis. 2003 Nov-Dec;31(3):357-9. PMID: 14636652.

[Analysis of HLA DQA1 and DQB1 alleles and glycated hemoglobin in healthy Mexican mestizo individuals from families with type 1 diabetes mellitus.](#) Hermosillo-Bañuelos RM, Ramos C, Perea FJ, Rivas F, Casas-Castañeda M, Camacho AL, Sánchez JY, Ibarra B. Rev Biomed 2003; 14:125-130.

[Fundamentos biológicos, bioquímicos y genéticos de la esferocitosis hereditaria.](#) Sánchez-López JY, Camacho-Torres AL, Magaña MT, Ibarra-Cortés B, Perea-Díaz FJ. Bol Med Hosp Infant Mex 2003; 60(4):431-445.

[Analysis of betaS and betaA genes in a Mexican population with African roots.](#) Magaña MT, Ongay Z, Tagle J, Bentura G, Cobián JG, Perea FJ, Casas-Castañeda M, Sánchez-López JY, Ibarra B. Blood Cells Mol Dis. 2002 Mar-Apr;28(2):121-6. PMID: 12064905.



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