

11. BIBLIOGRAFÍA

- 1. Atherton, J., Caot, P., Peek, R. Jr., Tummuru, M., Blaser, M., y Cover, T. (1995).** Mosaicism in Vacuolating Cytotoxin Alleles of *Helicobacter pylori* -association of specific *vacA* types with cytotoxin production and peptic ulceration-. *J. Bio. Chem.* 270(30):17771-17777
- 2. Moncayo, J., Santacruz, J. (2000).** Detección del Gen *cagA* y Tipificación del Gen *vacA* en Cepas de *Helicobacter pylori* Aisladas de Pacientes con Enfermedad Ulceropéptica en Risaralda, *MedUnab.* 3(8)
- 3. Perng, C., Lin, H., Lo, W., Tseng, G., Sun, I. y Ou, Y. (2004).** Genotypes of *Helicobacter pylori* in patients with peptic ulcer, *World J. Gastroenterol.*, 10(4):602-605
- 4. Boom, R., C. J. A. Sol; M. M. M. Salimans; C. L. Jansen; P. M. E. Wertheim-Van Dillen and J. Van Der No Ordaa. (1990).** Rapid and Simple Method for Purification of Nucleic Acids *J. of Clin. Microbiol.*
- 5. Norma Carolina Castro Gálvez y María de Lourdes Sánchez Villafaña. (2003).** Frecuencia de aislamiento de *Helicobacter pylori* y determinación de la relación que existe con los grupos sanguíneos ABO en pacientes que presentan enfermedades ácido pépticas del CMN MAC HE de la ciudad de Puebla,
- 6. Vinion-Dubiel, A., McClain, M., Cao, P., Mernaugh, R., y Cover, T. (2001).** Antigenic Diversity among *Helicobacter pylori* vacuolating toxins, *Infection and Immunity.* 69(7):4329-4336

- 7. Ji, X., Fernandez, T., Burroni, D., Pagliaccia, C., Atherton, J., Reyrat, J., Rappuolin, R., y Telford, J. (2000).** Cell Specificity of *Helicobacter pylori* Cytotoxin Is Determined by a Short Region in the Polymorphic Midregion, *Infection and Immunity*, 68(6):3754-3757
- 8. Martínez, A., T, González C., Kawaguchi F., Montoya R., Corvalán, A., Madariaga, J., Roa, J., García, A., Salgado, F., Solar, H. y Palma, M. (2001).** *Helicobacter pylori*: *cagA* status and *vacA* genotyping in Chile. Detection of a s2/m1 strain. *Rev. méd. Chile*, 129(10):1147-1153
- 9. Morales, R., Castillo, G., González, G., Ponce de León, S., Cravioto, A., Atherton, J. y López, Y. (1999).** Colonization of Mexican Patients by Multiple *Helicobacter pylori* Strains with Different *vacA* and *cagA* Genotypes. *J. Clin. Microbiol.*, 37(9):3001-3004.
- 10. Xiang, Z., Censini, S., Bayeli, P., Telford, J., Figura, N., Rappuoli, R. y Covacci, A. (1995).** Analysis of Expression of CagA and VacA Virulence Factors in 43 Strains of *Helicobacter pylori* Reveals That Clinical Isolates Can Be Divided into Two Major Types and that CagA Is Not Necessary for Expression of the Vacuolating Cytotoxin. *Infection and Immun.*, 63(1):94-98
- 11. Han, S., Schreiber, H., Bhakdi, S., Loos, M. y Maeurer, M. (1998).** *vacA* Genotypes and Genetic Diversity in Clinical Isolates of *Helicobacter pylori*. *Clin. and Diagnostic Lab Immunology*, 5(2):139-145
- 12. Hou, P., Xing Tu, Z., Ming Xu, G., Fang Gong, Y., Xui Ji, X. y Shen Li, Z. (2000).** *Helicobacter pylori* *vacA* genotypes and *cagA* status and their relationship to associated diseases. *World J. Gastroenterol.*, 6(4):605-507

- 13. Doorn, L., Figueiredo, C., Sanna, R., Blazer, M. y Quint, W. (1999).** Distinct Variants of *Helicobacter Pylori* *cagA* Are Associated with *vacA* Subtypes. *J. of Clin. Microbiol.* 37(7):2306-2311
- 14. Kersulyte, D., Mukhopadhyay, A., Valepatiño, B., Su, W., Pan, Z., García, C., Hernandez, V., Valdez, Y., Mistry, R., Gilman, R., Yuan, Y., Gao, H., Alarcón, T., López-Brea, M., Nair, B., et al. (2000).** Differences in Genotypes of *Helicobacter pylori* from Different Human Populations. *J. of Bacterial.* 182(11):3210-3218
- 15. Yamaoka, Y., Kodama, T., Gutierrez, O., Kim, J., Kashima, K. y Graham, D. (1999).** Relationship between *Helicobacter pylori* *iceA*, *cagA* y *vacA* Status and Clinical Outcome: Studies in Four Different Countries. *J. of Clin. Microbiol.* 37(7):2274-2279
- 16. Karita, M., Matsumoto, S. y Kamei, T. (2003).** The Size of *cagA* Based on Repeat Sequence Has the Responsibility of the Location of *Helicobacter pylori* in the Gastric Mucus and the Degree of Gastric Mucosal Inflammation. *Microbiol, Immunol.*, 47(9):619-630.
- 17. L. Lehninger, L. Nelson. Principios de bioquímica.** Ediciones Omega, 2da edición, 2000, pag 349-351
- 18. Kumatte, Jesús, Gutiérrez Gonzalo, et al. Manual de infectología clínica.** 16ta edición, Méndez Editores, 2001, pp 155-161
- 19. Eaton, K., Gilbert, J., Joyce, E., Wanken, A., Thevenot, T., Baker, P., Plaut, A. y Wright, A. (2002).** In Vivo Complementation of *ureB* restores the Ability of *Helicobacter pylori* To Colonize. *Infection and Immunity*, 70(2):771-778

20. Telford, J., Ghiara, P., Dell'Orco, M., Comanducci, M., Burroni, D., Bugnoli, M., Tecce, M., Censini, S., Covacci, A., Xiang, Z., Papini, E., Montecucco, C., Parente, L. y Rappuoli, R. (1994). Gene Structure of the *Helicobacter pylori* Cytotoxin and Evidence of Its Key Role in Gastric Disease. *J. Exp. Med.*, 179:1653-1658.

21. Tomb, J., White, O., Kerlavage, A., Clayton, R., Sutton, G., et al. (1997). The complete genome sequence of the gastric pathogen *Helicobacter pylori*. *Nature*. 388(6642):539-552

22. Rivas, F., Hernández, F. (2000). *Helicobacter pylori*: Factores de virulencia, patología y diagnóstico. *Rev Biomed.* 11:87-205.

23. Diagnóstico de infecciones por *Helicobacter pylori*

URL:<http://www.laboratorio.com.mx/diaginfechelico.html>

24. García, R., Pajares, J.M. (1998) Treatment of infection by *Helicobacter pylori*. *ANALES Sis San Navarra*, 21 (Supl. 2): 67-76.

25. Úlcera péptica. URL:http://geosalud.com/digestivo/ulcera_peptica.htm

26. Hernández, S., Poquet, J., Borrego, M., Gangoso, F., Arias, L. (1996). Tratamiento de la úlcera péptica por *Helicobacter pylori*. *Farm Hosp* 20 (1): 17-22

27. Duarte, Ignacio. Anatomía patológica del aparato digestivo.

URL:http://escuela.med.puc.cl/paginas/publicaciones/AnatomiaPatologica/04Digestivo/4estomago_1.html#ulcera

28. Fochesatto, N., Guayán, V., Moran, E., Vizcano A. (2004). *Helicobacter pylori*. Enfermedad Gastroduodenal. Bases para el Diagnóstico y Tratamiento. *Rev de Posgrado de la Vía Cátedra de Medicina.* 138:11-17.

29. Gastritis, ulcer gastrica y duodenal

URL:<http://www.medicosecuador.com/espanol/articulos/144.htm>

30. Harris, P., Godoy, A., Guiraldes, E. (2001). Dolor abdominal, dispepsia y gastritis en pediatría. Rol del *Helicobacter pylori*

31. Appelmelk, B., Simoons-Smit, I., Negrini, R., Moran, A., Aspinall, G., Forte, J., De Vries, T., Quan, H., Verboom, T., Maaskant, J., Ghiara, P., Kuipers, E., Bloemena, E., Tatema, T., Townsend, R., Tyagarajan, K., Crothers, J., Monteiro, M., Savio, A. y De Graaff, J. (1996). Potential Role of Molecular Mimicry between *Helicobacter pylori* Lipopolysaccharide and Host Lewis Blood Group Antigens in Autoimmunity. *Infection and immunity.* 64(6): 2031-2040

32. Kidd, M., Peek, R., Lastovica, A., Israel, D., Kummer, A., Louw. (2001). Analysis of *iceA* genotypes in South African *Helicobacter pylori* strains and relationship to clinically significant disease. *Gut.* 49:629-635.

33. van Doorn, L., Figueiredo, C., Rossau, R., Jannes, G., van Asbroeck, M., Sousa, J., Carneiro, F. and Quint, W. (1998). Typing of *Helicobacter pylori vacA* Gene and Detection of *cagA* Genes by PCR and Reverse Hybridization. *J. of Clin. Microbiology.* 36(5):1271-1276.

34. Ramadan, A., Birchall, G., Nogueira, E., Ribeiro, V., Magalhaes, D., Prazeres, P., Telles, A., Oliveira, C., Ferreira, A., Aguiar, G. and Camargos, A. (2001). *iceA*

Genotypes of *Helicobacter pylori* Strains Isolated from Brazilian Children and Adults.

J. of Clin. Microbiology. 39(5):1746-1750

35. Yamaoka, Y., Kodama, T., Gutierrez, O., Kim, J., Kashima, K. and Graham, D. (1999). Relationship between *Helicobacter pylori* *iceA*, *cagA*, and *vacA* Status and Clinical Outcome: Studies in Four Different Countries. *J. of Clin. Microbiology*. 37(7):2274-2279

36. Seok-Yong, K., Chan, W., Young-Min, L., Bo Ra, S., Ji Won, K., Hee Bok, C., Sei Jin, Y. and Seon Mee, P. (2001). Genotyping *CagA*, *VacA* Subtype, *IceA1*, and *BabA* of *Helicobacter pylori* Isolates From Korean Patients, and Their Association with Gastroduodenal Diseases. *J. Korean Med Sci*. 16:579-584

37. McClain, M., Cao, P., Iwamoto, H., Vinion-Dubiel, A., Szabo, G., Shao, Z and Cover, T. (2001). A 12-Amino-Acid Segment, Present in type s2 but Not Type s1 *Helicobacter pylori* VacA Proteins, Abolishes Cytotoxin Activity and Alters Membrane Channel Formation. *J. of Bacteriology*. 183(22):6499-6508

38. Braunwald Eugene, Hauser Stephen, Fauci Anthony et al. Principios de Medicina Interna. Vol II, 15^a edición, Mc Graw Hill, 2003, pp 1905-1944.

39. Letley, D., Atherton J. (2000). Natural Diversity in the N Terminus of the Mature Vacuolating Cytotoxin of *Helicobacter pylori* Determines Cytotoxin Activity. *J. of Bacteriology*. 182(11):3278-3280

40. van Doorn, L., Figueiredo, C., Sanna, R., Pena, S., Midolo, P., W. NG., Atherton, J., Blaser, M. and Quint, W. (1998). Expanding Allelic Diversity of *Helicobacter pylori vacA*. *J.of Clin. Microbiology*. 36(9):2597-2603

- 41. Rudi, J., Kolb, C., Maiwald, M., Kuck, D., Sieg, A., Galle, P. and Stremmel, W. (1998).** Diversity of *Helicobacter pylori* *vacA* and *cagA* Genes and Relationship to VacA and CagA protein Expression, Cytotoxin Production, and Associated Diseases. *J. of Clin. Microbiology.* 36(4):944-948
- 42. Nogueira, C., Figueiredo, C., Carneiro, F., Taveira, A., Barreira, R., Figueira, P., Salgado, C., Belo, L., Peixoto, A., Bravo, J., Bravo, L., Realpe, J., Plaisier, A., Quint, W., Ruiz, B., Correa, P. And van Doorn L. (2001).** *Helicobacter pylori* Genotypes May Determine Gastric Histopathology. *American J. of Pathology.* 158(2):647-654
- 43. Peek, R. Jr., Thompson, S., Donahue, J., Tham, K., Atherton, J., Blaser, M. and Miller G. (1998).** Adherence to gastric epithelial cells induces expression of a *Helicobacter pylori* gene, *iceA* that is associated with clinical outcome. 110(6):531-44.
- 44. Pagliaccia, C., Bernard, M., Lupetti, P., Ji, X. And Burroni D. (1998).** The m2 form of the *Helicobacter pylori* cytotoxin has cell type-specific vacuolating activity *Proc. Natl. Acad. Sci.* 95:10212-10217
- 45. Cover, T., Tummurut, M., Cao, P., Thompson, S. and Blaser, M. (1994).** Divergence of Genetic Sequences for the Vacuolating Cytotoxin among *Helicobacter pylori* Strains. *J. of Biol. Chem.* 269(14):10566-10573
- 46. Karita, M., Matsumoto, S. and Kamei T. (2003).** The Size of *cagA* Based on Repeat Sequence Has the Responsibility of the Location of *Helicobacter pylori* in the Gastric Mucus and the Degree of Gastric Mucosal Inflammation. *J. of Microbio. Immunol.* 47(9):619-630

- 47. Yoshiyuki, I., Takeshi, A., Shigeji, I., Hiroyuki, S., Hideki, M., Yukinao, Y., Takuji, K., Yoshihiro, K., Yoshihide, K. and Maseru, K. (2000).** Sequence Análisis and Clinical Significance of the *iceA* Gene from *Helicobacter pylori* Strains in Japan. *J. of Clin. Microbiol.* 38(2):483-488
- 48. Xu, Q., Morgan, R., Roberts, R., Xu, S., can Doorn, L., Donahue, J., Miller, G. and Blaser M. (2002).** Functional analysis of *iceA1*, a CATG-recognizing restriction endonuclease gene in *Helicobacter pylori*. *Oxford University.* 30(17):3839-3847
- 49. Xu, Q. and Blazer, M. (2001).** Promoters of the CATG-Specific Methyltransferase Gene *hpyIM* Differ between *iceA1* and *iceA2* *Helicobacter pylori* Strains. *J. of Bacteriol.* 183(13):3875-3884
- 50. *Helicobacter* and Cancer Collaborative Group (2001).** Gastric Cancer and *Helicobacter pylori*: a combined analysis of 12 cases control studies nested within prospective cohorts. 49:347-353
- 51. Ma, JL., You, WC., Gail, MH., Zhang, L., Blot, WJ., Chang, YS., Jiang, J., Liu, WD., Hu, YR., Brown, LM., Xu GW. and Fraumeni Jr. (1998).** *Helicobacter pylori* infection and mode of transmission in a population at high risk of stomach cancer. *International J. of Epidemiology.* 27:570-573
- 52. Sheu, BS., Yang, HB., Sheu, SM., Huang, AH. and Wu, JJ. (2003).** Higher gastric cyclooxygenase-2 expression and precancerous change in *Helicobacter pylori*-infected relatives of gastric cancer patients. *Clin Cancer Res.* 9(14):5245-51
- 53. URL:** www.shef.ac.uk/.../molmicro/hpylr110.jpg.

