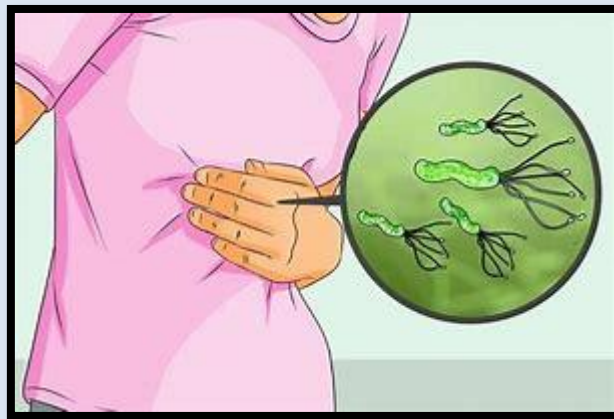


Marzo

2018

Centro Provincial de Información de Ciencias Médicas de  
Matanzas

## Referencias bibliográficas



# Helicobacter Pylori/patogenicidad

Confeccionado por:  
Lic. Iris Yudik Rodríguez Fleitas  
Dpto. Gestión de Información  
CPICM – Matanzas  
Teléfono: 243757

**Base de datos:**

Pubmed

**Fecha:**

2017

**Término:**

**Helicobacter pylori/patogenicidad**

1: Ansari S, Kabamba ET, Shrestha PK, Aftab H, Myint T, Tshering L, Sharma RP, Ni N, Aye TT, Subsomwong P, Uchida T, Ratanachu-Ek T, Vilaichone RK, Mahachai V, Matsumoto T, Akada J, Yamaoka Y. Helicobacter pylori bab characterization in clinical isolates from Bhutan, Myanmar, Nepal and Bangladesh. PLoS One. 2017 Nov 6;12(11):e0187225. doi: 10.1371/journal.pone.0187225. eCollection 2017. PubMed PMID: 29107979; PubMed Central PMCID: PMC5673166.

2: Subsomwong P, Miftahussurur M, Uchida T, Vilaichone RK, Ratanachu-Ek T, Mahachai V, Yamaoka Y. Prevalence, risk factors, and virulence genes of Helicobacter pylori among dyspeptic patients in two different gastric cancer risk regions of Thailand. PLoS One. 2017 Oct 30;12(10):e0187113. doi: 10.1371/journal.pone.0187113. eCollection 2017. PubMed PMID: 29084246; PubMed Central PMCID: PMC5662176.

3: Aftab H, Miftahussurur M, Subsomwong P, Ahmed F, Khan AKA, Matsumoto T, Suzuki R, Yamaoka Y. Two populations of less-virulent Helicobacter pylori genotypes in Bangladesh. PLoS One. 2017 Aug 10;12(8):e0182947. doi: 10.1371/journal.pone.0182947. eCollection 2017. PubMed PMID: 28797101; PubMed Central PMCID: PMC5552282.

4: Alandiyjany MN, Croxall NJ, Grove JI, Delahay RM. A role for the tfs3 ICE-encoded type IV secretion system in pro-inflammatory signalling by the Helicobacter pylori Ser/Thr kinase, CtkA. PLoS One. 2017 Jul 28;12(7):e0182144. doi: 10.1371/journal.pone.0182144. eCollection 2017. PubMed PMID: 28759055; PubMed Central PMCID: PMC5536186.

5: Medina ML, Medina MG, Merino LA. Correlation between virulence markers of Helicobacter pylori in the oral cavity and gastric biopsies. Arq Gastroenterol. 2017 Jul-Sept;54(3):217-221. doi: 10.1590/S0004-2803.201700000-24. Epub 2017 Jul 13. PubMed PMID: 28724047.

6: He Q, Li G, Wang X, Wang S, Hu J, Yang L, He Y, Pan Y, Yu D, Wu Y. A Decrease of Histone Deacetylase 6 Expression Caused by Helicobacter Pylori Infection is Associated with Oncogenic Transformation in Gastric Cancer. Cell Physiol Biochem. 2017;42(4):1326-1335. doi: 10.1159/000478961. Epub 2017 Jul 13. PubMed PMID: 28700998.

7: Choi HI, Choi JP, Seo J, Kim BJ, Rho M, Han JK, Kim JG. Helicobacter pylori-derived extracellular vesicles increased in the gastric juices of gastric adenocarcinoma patients and induced inflammation mainly via specific targeting of gastric epithelial cells. Exp Mol Med. 2017 May 12;49(5):e330. doi: 10.1038/emm.2017.47. PubMed PMID: 28496197; PubMed Central PMCID: PMC5454444.

8: Wang D, Li Q, Gong Y, Yuan Y. The association between vacA or cagA status and eradication outcome of Helicobacter pylori infection: A meta-analysis. PLoS One. 2017 May 11;12(5):e0177455. doi: 10.1371/journal.pone.0177455. eCollection 2017. PubMed PMID: 28493953; PubMed Central PMCID: PMC5426689.

9: Harrison U, Fowora MA, Seriki AT, Loell E, Mueller S, Ugo-Ijeh M, Onyekwere CA, Lesi OA, Otegbayo JA, Akere A, Ndububa DA, Adekanle O, Anomneze E, Abdulkareem FB, Adeleye IA, Crispin A, Rieder G, Fischer W, Smith SI, Haas R. Helicobacter pylori strains from a Nigerian cohort show divergent antibiotic resistance rates and a uniform pathogenicity profile. PLoS One. 2017 May 2;12(5):e0176454. doi: 10.1371/journal.pone.0176454. eCollection 2017. PubMed

PMID: 28463973; PubMed Central PMCID: PMC5413034.

10: Gu H. Role of Flagella in the Pathogenesis of *Helicobacter pylori*. *Curr Microbiol.* 2017 Jul;74(7):863-869. doi: 10.1007/s00284-017-1256-4. Epub 2017 Apr 26. Review. PubMed PMID: 28444418; PubMed Central PMCID: PMC5447363.

11: Fukuyama T, Futawatari N, Ichiki Y, Shida A, Yamazaki T, Nishi Y, Nonoguchi H, Takahashi Y, Yamazaki H, Kobayashi N. Correlation Between Expression of the Cancer/Testis Antigen KK-LC-1 and *Helicobacter pylori* Infection in Gastric Cancer. *In Vivo.* 2017 May-Jun;31(3):403-407. PubMed PMID: 28438869; PubMed Central PMCID: PMC5461451.

12: Bustamante-Rengifo JA, Matta AJ, Pazos AJ, Bravo LE. Effect of treatment failure on the CagA EPIYA motif in *Helicobacter pylori* strains from Colombian subjects. *World J Gastroenterol.* 2017 Mar 21;23(11):1980-1989. doi: 10.3748/wjg.v23.i11.1980. PubMed PMID: 28373764; PubMed Central PMCID: PMC5360639.

13: Poyrazoglu OB, Dulger AC, Gultepe BS. *Helicobacter Pylori* infection in patients with esophageal squamous cell carcinoma. *Clinics (Sao Paulo).* 2017 Mar;72(3):150-153. doi: 10.6061/clinics/2017(03)04. PubMed PMID: 28355360; PubMed Central PMCID: PMC5348582.

14: Burns M, Amaya A, Bodi C, Ge Z, Bakthavatchalu V, Ennis K, Wang TC, Georgieff M, Fox JG. *Helicobacter pylori* infection and low dietary iron alter behavior, induce iron deficiency anemia, and modulate hippocampal gene expression in female C57BL/6 mice. *PLoS One.* 2017 Mar 29;12(3):e0173108. doi: 10.1371/journal.pone.0173108. eCollection 2017. PubMed PMID: 28355210; PubMed Central PMCID: PMC5371292.

15: Ertz-Archambault N, Keim P, Von Hoff D. Microbiome and pancreatic cancer: A comprehensive topic review of literature. *World J Gastroenterol.* 2017 Mar 14;23(10):1899-1908. doi: 10.3748/wjg.v23.i10.1899. Review. PubMed PMID: 28348497; PubMed Central PMCID: PMC5352932.

16: Hong ZW, Yang YC, Pan T, Tzeng HF, Fu HW. Differential effects of DEAE negative mode chromatography and gel-filtration chromatography on the charge status of *Helicobacter pylori* neutrophil-activating protein. *PLoS One.* 2017 Mar 22;12(3):e0173632. doi: 10.1371/journal.pone.0173632. eCollection 2017. PubMed PMID: 28328957; PubMed Central PMCID: PMC5362085.

17: Tavares R, Pathak SK. *Helicobacter pylori* Secreted Protein HP1286 Triggers Apoptosis in Macrophages via TNF-Independent and ERK MAPK-Dependent Pathways. *Front Cell Infect Microbiol.* 2017 Feb 28;7:58. doi: 10.3389/fcimb.2017.00058. eCollection 2017. PubMed PMID: 28293545; PubMed Central PMCID: PMC5329642.

18: Muñoz-Ramírez ZY, Mendez-Tenorio A, Kato I, Bravo MM, Rizzato C, Thorell K, Torres R, Aviles-Jimenez F, Camorlinga M, Canzian F, Torres J. Whole Genome Sequence and Phylogenetic Analysis Show *Helicobacter pylori* Strains from Latin America Have Followed a Unique Evolution Pathway. *Front Cell Infect Microbiol.* 2017 Feb 28;7:50. doi: 10.3389/fcimb.2017.00050. eCollection 2017. PubMed PMID: 28293542; PubMed Central PMCID: PMC5328995.

19: Matsuo Y, Kido Y, Yamaoka Y. *Helicobacter pylori* Outer Membrane Protein-Related Pathogenesis. *Toxins (Basel).* 2017 Mar 11;9(3). pii: E101. doi: 10.3390/toxins9030101. Review. PubMed PMID: 28287480; PubMed Central PMCID: PMC5371856.

20: Pero R, Coretti L, Nigro E, Lembo F, Laneri S, Lombardo B, Daniele A,

Scudiero O.  $\beta$ -Defensins in the Fight against *Helicobacter pylori*. *Molecules*. 2017 Mar 7;22(3). pii: E424. doi: 10.3390/molecules22030424. Review. PubMed PMID: 28272373.

21: Thorell K, Yahara K, Berthenet E, Lawson DJ, Mikhail J, Kato I, Mendez A, Rizzato C, Bravo MM, Suzuki R, Yamaoka Y, Torres J, Sheppard SK, Falush D. Rapid evolution of distinct *Helicobacter pylori* subpopulations in the Americas. *PLoS Genet*. 2017 Feb 23;13(2):e1006546. doi: 10.1371/journal.pgen.1006546. eCollection 2017 Feb. Erratum in: *PLoS Genet*. 2017 Apr 14;13(4):e1006730. PubMed PMID: 28231283; PubMed Central PMCID: PMC5322909.

22: Matta AJ, Pazos AJ, Bustamante-Rengifo JA, Bravo LE. Genomic variability of *Helicobacter pylori* isolates of gastric regions from two Colombian populations. *World J Gastroenterol*. 2017 Feb 7;23(5):800-809. doi: 10.3748/wjg.v23.i5.800. PubMed PMID: 28223724; PubMed Central PMCID: PMC5296196.

23: Jang S, Su H, Blum FC, Bae S, Choi YH, Kim A, Hong YA, Kim J, Kim JH, Gunawardhana N, Jeon YE, Yoo YJ, Merrell DS, Ge L, Cha JH. Dynamic Expansion and Contraction of *cagA* Copy Number in *Helicobacter pylori* Impact Development of Gastric Disease. *MBio*. 2017 Feb 21;8(1). pii: e01779-16. doi: 10.1128/mBio.01779-16. PubMed PMID: 28223454; PubMed Central PMCID: PMC5358911.

24: Negovan A, Iancu M, Moldovan V, Mocan S, Banescu C. The Interaction between GSTT1, GSTM1, and GSTP1 Ile105Val Gene Polymorphisms and Environmental Risk Factors in Premalignant Gastric Lesions Risk. *Biomed Res Int*. 2017;2017:7365080. doi: 10.1155/2017/7365080. Epub 2017 Jan 15. PubMed PMID: 28182092; PubMed Central PMCID: PMC5274680.

25: Rivera-Pérez JI, González AA, Toranzos GA. From Evolutionary Advantage to Disease Agents: Forensic Reevaluation of Host-Microbe Interactions and Pathogenicity. *Microbiol Spectr*. 2017 Jan;5(1). doi: 10.1128/microbiolspec.EMF-0009-2016. Review. PubMed PMID: 28155809; PubMed Central PMCID: PMC5298867.

26: El Khadir M, Alaoui Boukhris S, Benajah DA, El Rhazi K, Ibrahim SA, El Abkari M, Harmouch T, Nejari C, Mahmoud M, Benlemlih M, Bennani B. *VacA* and *CagA* Status as Biomarker of Two Opposite End Outcomes of *Helicobacter pylori* Infection (Gastric Cancer and Duodenal Ulcer) in a Moroccan Population. *PLoS One*. 2017 Jan 26;12(1):e0170616. doi: 10.1371/journal.pone.0170616. eCollection 2017. PubMed PMID: 28125638; PubMed Central PMCID: PMC5268467.

27: Huang J, Cui J. Evaluation of *Helicobacter pylori* Infection in Patients with Chronic Hepatic Disease. *Chin Med J (Engl)*. 2017 Jan 20;130(2):149-154. doi: 10.4103/0366-6999.197980. PubMed PMID: 28091405; PubMed Central PMCID: PMC5282670.

28: Arnion H, Korkut DN, Masachis Gelo S, Chabas S, Reignier J, Iost I, Darfeuille F. Mechanistic insights into type I toxin antitoxin systems in *Helicobacter pylori*: the importance of mRNA folding in controlling toxin expression. *Nucleic Acids Res*. 2017 May 5;45(8):4782-4795. doi: 10.1093/nar/gkw1343. PubMed PMID: 28077560; PubMed Central PMCID: PMC5416894.

29: Xie G, Li W, Li R, Wu K, Zhao E, Zhang Y, Zhang P, Shi L, Wang D, Yin Y, Deng R, Tao K. *Helicobacter Pylori* Promote B7-H1 Expression by Suppressing miR-152 and miR-200b in Gastric Cancer Cells. *PLoS One*. 2017 Jan 5;12(1):e0168822. doi: 10.1371/journal.pone.0168822. eCollection 2017. PubMed PMID: 28056089; PubMed Central PMCID: PMC5215825.

30: Yang S, Lee J, Choi IJ, Kim YW, Ryu KW, Sung J, Kim J. Effects of alcohol consumption, ALDH2 rs671 polymorphism, and Helicobacter pylori infection on the gastric cancer risk in a Korean population. *Oncotarget*. 2017 Jan 24;8(4):6630-6641. doi: 10.18632/oncotarget.14250. PubMed PMID: 28036260; PubMed Central PMCID: PMC5351658.

31: Liu AQ, Xie Z, Chen XN, Feng J, Chen JW, Qin FJ, Ge LY. Fas-associated factor 1 inhibits tumor growth by suppressing Helicobacter pylori-induced activation of NF- $\kappa$ B signaling in human gastric carcinoma. *Oncotarget*. 2017 Jan 31;8(5):7999-8009. doi: 10.18632/oncotarget.14033. PubMed PMID: 28030825; PubMed Central PMCID: PMC5352377.

32: Mohammadi M. Study Break: Bacterial Cancer. *Iran Biomed J*. 2017 Jan;21(1):1-2. PubMed PMID: 27941964.

33: Tsai HF, Hsu PN. Modulation of tumor necrosis factor-related apoptosis-inducing ligand (TRAIL)-mediated apoptosis by Helicobacter pylori in immune pathogenesis of gastric mucosal damage. *J Microbiol Immunol Infect*. 2017 Feb;50(1):4-9. doi: 10.1016/j.jmii.2016.01.002. Epub 2016 Jan 29. Review. PubMed PMID: 26947589.

#### **Detalles de la búsqueda**

"Helicobacter pylori/pathogenicity"[Mesh] AND ("loattrfree full text"[sb] AND ("2017/01/01"[PDAT] :  
"2017/12/31"[PDAT]) AND "humans"[MeSH Terms])

## Análisis Bibliométrico

Estrategia de búsqueda utilizada para el análisis bibliométrico:

"Helicobacter pylori/pathogenicity"[Mesh] AND ("2013/01/01"[PDAT] : "2017/12/31"[PDAT])

Las variables utilizadas en el análisis fueron:

- Productividad científica por años.
- Revistas con mayor número de publicaciones sobre el tema.
- Países a la vanguardia sobre el tema.

Años	Total de publicaciones
2017	71
2016	135
2015	178
2014	203
2013	165

Revistas	Total de publicaciones
World J Gastroenterol	123
Helicobacter	44
PLoS One	39
Biomed Res Int	22
Asian Pac J Cancer Prev	19

Autores	Total de publicaciones
YAMAOKA Y	21
PEEK RM JR	20
PIAZUELO MB	18
WILSON KT	17
ZHANG Y	15

Países	Total de publicaciones
China	140
Estados Unidos	114
Japón	62
Italia	56
Reino Unido	49

**Nota:** El análisis métrico se realizó a través de **PubMed PubReMiner** herramienta para los análisis métricos y el descubrimiento de conocimientos en PubMed.