

8. Literatur

AKOPYANTS, NS, Kersulyte, D, Berg, DE: CagII, a new locus associated with virulence in Helicobacter pylori. Gut 37: A1 (1995)

ANDRUTIS, KA, Fox, JG, Schauer, DB, Marini, RP, Murphy, JC, Yan, L, Solnick, JV: Inability of an isogenetic urease-negative mutant strain of Helicobacter mustelae to colonize the ferret stomach. Inf Immun 63: 3722-3725 (1995)

APPELMELK, BJ, Simoons-Smit, I, Negrini, R, Moran, AP, Aspinall, GO, Forte, JG, de Vries, T, Quan, H, Verboom, T, Maaskant, JJ, Ghiara, P, Kuipers, EJ, Bloemena, E, Tadema, TM, Townsend, RR, Tyagarajan, K, Crothers, JM Jr., Monteiro, MA, Savio, A, De Graaff, J: Potential role of molecular mimicry between Helicobacter pylori Lipopolysaccharide and host Lewis blood group antigens in autoimmunity. Inf Immun 64: 2031-2040 (1996)

ATHERTON, JC: Helicobacter pylori virulence factors. Brit Med Bull 54: 105-120 (1998)

AXON, ATR: Treatment of Helicobacter pylori: where are we now? What are the key questions? Eur J Gastroenterol Hepatol 11 (Suppl 2): S3-S7 (1999)

BARDHAN, PK: Epidemiological features of Helicobacter pylori infection in developing countries. Clin Infect Dis 25: 973-978 (1997)

BAUERFEIND, P, Garner, R, Dunn, BE, Mobley, HLT: Synthesis and activity of Helicobacter pylori urease and catalase at low pH. Gut 40: 25-30 (1997)

BAZZOLI, F, Palli, D, Zagari, RM, Festi, D, Pozzato, P, Nicolini, G, Masala, G, Fossi, S, Ricciardiello, L, Panuccio, D, Roda, E: The Loiano-Monghidoro population-based study of Helicobacter pylori infection: prevalence by ¹³C-urea breath test and associated factors. Aliment Pharmacol Ther 15: 1001-1007 (2001)

BLASER, MJ: Not all Helicobacter pylori strains are created equal: should all be eliminated? Lancet 349: 1020-1022 (1997)

BOHR, U, Wolle, K: Neue Helicobacter Spezies und verwandte Bakterien. In: Malfertheiner, P: Helicobacter pylori – Von der Grundlage zur Therapie, Thieme 3.Aufl: 21-27 (2000)

CAVE, DR: How is Helicobacter pylori transmitted? Gastroenterology 113: S9-S14 (1997)

COGHLAN, JG, Humphries, H, Dooley, C, Keane, C, Gilligan, D, McKenna, D, Sweeney, E, O'Morain, C: Campylobacter pylori and recurrence of duodenal ulcers – a 12 month follow-up study. Lancet: 1109-1111 (1987)

COVER, TL, Glupczynski, Y, Lage, AP, Burette, A, Tummuru, MKR, Perez-Perez, GI, Blaser, MJ: Serologic detection of infection with CagA+ Helicobacter pylori strains. J Clin Microbiol 33: 1496-1500 (1995)

DE BERNARD (a), M, Burroni, D, Papini, E, Rappuoli, R, Telford, J, Montecucco, C: Identification of the Helicobacter pylori VacA Toxin Domain Active in the Cell Cytosol. Inf Immun 66: 6014-6016 (1998)

DE BERNARD (b), M, Papini, E, De Filippis, V, Gottardi, E, Telford, J, Manetti, R, Fontana, A, Rappuoli, R, Montecucco, C: Low pH activates the Vacuolating toxin of Helicobacter pylori, which becomes acid and pepsin resistant. J Biol Chem 270: 23937-23940 (1995)

DOOLEY, CP, Fitzgibbons, P, Cohen, H, Appleman, MD, Perez-Perez, G, Blaser, MJ: Prevalence and distribution of *Campylobacter pylori* in an asymptomatic population. *Gastroenterology* 94 (Suppl): A102 (1988)

DRUMM, B, Perez-Perez, GI, Blaser, MJ, Sherman, P: Intrafamilial clustering of *Helicobacter pylori* infection. *N Engl J Med* 322: 359-363 (1990)

DUBOIS, A, Berg, DE, Incecik, ET; Fiala, N, Heman-Ackah, LM, Perez-Perez, GI, Blaser, MJ: Transient and Persistent Experimental Infection of Nonhuman Primates with *Helicobacter pylori*: Implications for Human Disease. *Inf Immun* 64: 2885-2891 (1996)

DUNN, BE, Campbell, GP, Perez-Perez, GI, Blaser, MJ: Purification and characterization of urease from *Helicobacter pylori*. *J Biol Chem* 265: 9464-9469 (1990)

DURSUN, M, Göral, V, Simsek, H, Hascelik, G: Vertical transmission of *Helicobacter pylori*: Different transmission route. *Am J Gastroenterol* 93: 1011-1012 (1998)

EATON (a), KA, Brooks, Ch L, Morgan, DR, Krakowa, St: Essential role of urease in pathogenesis of gastritis induced by *Helicobacter pylori* in gnotobiotic piglets. *Inf Immun* 59: 2470-2475 (1991)

EATON (b), KA, Suerbaum, S, Josenhans, C, Krakowa, S: Colonization of gnotobiotic piglets by *Helicobacter pylori* deficient in two flagellin genes. *Inf Immun* 64: 2445-2448 (1996)

EDWARDS, NJ, Monteiro, MA, Faller, G, Walsh, EJ, Moran, AP, Roberts, IS, High, NJ: Lewis X structures in the O antigen side-chain promote adhesion of *Helicobacter pylori* to the gastric epithelium. *Mol Microbiol* 35: 1530-1539 (2000)

EHPSG – The European *Helicobacter pylori* study group: Current European conceps in the management of *Helicobacter pylori* infection. The Maastricht consensus report. *Gut* 41: 8-13 (1997)

EUROGAST Study Group: Epidemiology of, and risk factors for, *Helicobacter pylori* infection among 3194 asymptomatic subjects in 17 populations. *Gut* 34: 1672-1676 (1993)

FERRERO, RL, Thiberge, J-M, Kansau, I, Wuscher, N, Huerre, M, Labigne, A: The GroES homolog of *Helicobacter pylori* confers protective immunity against mucosal infection in mice. *Proc Natl Acad Sci USA* 92: 6499-6503 (1995)

FORMAN, D: *Helicobacter pylori* and gastric cancer. *Scand J Gastroenterol* 31 (Suppl 215): 48-51 (1996)

FOXALL, PA, Hu, LT, Mobley, HLT: Use of polymerase chain reaction-amplified *Helicobacter pylori* urease structural genes for differentiation of isolates. *J Clin Microbiol* 30: 739-741 (1992)

FRIEDMAN, LS, Peterson, WL: Peptic ulcer and related disorders. In Harrison's principles of internal medicine, McGraw&Hill 14. Aufl: 1596-1616 (1998)

GEIS, G, Leying, H, Suerbaum, S, Mai, U, Opferkuch, W: Ultrastructure and chemical analysis of *Campylobacter pylori* flagella. *J Clin Microbiol* 27: 436-441 (1989)

GLUPCZYNSKI, Y: Microbiological and serological diagnostic tests for Helicobacter pylori: an overview. *Brit Med Bull* 54: 175-186 (1998)

GO, MF, Kapur, V, Graham, DY, Musser, JM: Population genetic analysis of *Helicobacter pylori* by multilocus enzyme electrophoresis: Extensive allelic diversity and recombinational population structure. *J Bacteriol* 178: 3934-3938 (1996)

GRAHAM (a), DY: Editorial: Can therapy ever be denied for *Helicobacter pylori* infection? *Gastroenterology* 113 (Suppl): S113-S117 (1997)

GRAHAM (b), DY: The only good *Helicobacter pylori* is a dead *Helicobacter pylori*. *Lancet* 350: 70-71 (1997)

HACKELSBERGER, A, Malfertheiner, P: *Helicobacter pylori und gastroduodenale Physiologie*. In: Malfertheiner, P: *Helicobacter pylori – Von der Grundlage zur Therapie*, Thieme 3.Aufl: 59-65 (2000)

HAHN (a), H, Klein, P, Giesbrecht, P: Bakterien: Definition und Morphologie. In: Hahn, H, Falke, D, Kaufmann, SEH, Ullmann, U: *Medizinische Mikrobiologie und Infektiologie*, Springer, 3. Aufl: 173 (1999)

HAHN (b), H, Miksits, K, Bhakdi, S: Virulenz. In: Hahn, H, Falke, D, Kaufmann, SEH, Ullmann, U: *Medizinische Mikrobiologie und Infektiologie*, Springer, 3. Aufl: 19 (1999)

HARRIS, PR, Mobley, HLT, Perez-Perez, GI, Blaser, MJ, Smith, PD: *Helicobacter pylori* urease is a potent stimulus of mononuclear phagocyte activation and inflammatory cytokine production. *Gastroenterology* 111: 419-425 (1996)

HOTZ, J, Madisch, A, Peitz, U: Helicobacter pylori und funktionelle Dyspepsie. In: Malfertheiner, P: Helicobacter pylori – Von der Grundlage zur Therapie, Thieme 3.Aufl: 69-81 (2000)

IARC: Schistosomes, liver flukes and Helicobacter pylori: IARC monographs on the evaluation of carcinogenic risks to humans. Geneva: WHO publications (1994)

ILVER, D, Arnqvist, A, Ögren, J, Frick, A-M, Kersulyte, D, Incecik, ET, Berg, DE, Covacci, A, Engstrand, L, Borén, T: Helicobacter pylori adhesin binding fucosylated histo-blood group antigens revealed by retagging. Science 279: 373-377 (1998)

ITO, S, Kohli, Y, Kato, T, Murakita, H, Ohotaki, Y, Hirai, M, Tazuma, T, Kuriyama, M: Differences in urease activity in live Helicobacter pylori cultured from patients with gastroduodenal diseases. Eur J Gastroenterol Hepatol 7 (Suppl 1): 83-88 (1995)

JOSENHANS, C, Labigne, A, Suerbaum, S: Comparative ultrastructural and functional studies of Helicobacter pylori and Helicobacter mustelae flagellin mutants: Both flagellin subunits, FlaA and FlaB, are necessary for full motility in Helicobacter species. J. Bacteriol. 177: 3010-3020 (1995)

KIST, M: Isolierung und Identifizierung von Bakterien der Gattungen Campylobacter und Helicobacter. Zbl Bakt 276: 124-139 (1991)

KRAJDEN, S, Fuksa, M, Anderson, J, Kempston, J, Boccia, A, Petrea, C, Babida, C, Karmali, M, Penner, JL: Examination of human stomach biopsies, saliva, and dental plaque for Campylobacter pylori. J Clin Microbiol 27: 1397-1398 (1989)

KUIPERS, EJ, Pena, AS, van Kamp, G, Uyterlinde, AM, Pals, G, Pels, NFM, Kurz-Pohlmann, E, Meuwissen, SGM: Seroconversion for Helicobacter pylori. Lancet 342: 328-331 (1993)

LABENZ, J, Blum, AL, Bayerdörffer, E, Meinig, A, Stolte, M, Börsch, G: Curing Helicobacter pylori infection in patients with duodenal ulcer may provoke reflux esophagitis. Gastroenterology 112: 1442-1447 (1997)

LANGENBERG, W, Rauws, EA, Widjojokusumo, A, Tytgat, GNJ, Zanen, HC: Identification of Campylobacter pyloridis isolates by restriction endonuclease DNA analysis. J Clin Microbiol 24: 414-417 (1986)

LEUNK, RD, Johnson, PT, David, BC, Kraft, WG, Morgan, DR: Cytotoxic activity in broth-culture filtrates of Campylobacter pylori. J Med Microbiol 26: 93-99 (1988)

LEVERSTEIN VAN HALL, MA, van der Ende, A, van Milligen de Witt, M, Tytgat, GN, Dankert, J: Transmission of Helicobacter pylori via faeces. Lancet 342: 1419-1420 (1993)

LOGAN, RPH, Polson, RJ, Misiewicz, JJ, Rao, G, Karim, NQ, Newell, D, Johnson, P, Wadsworth, J, Walker, MM, Baron, JH: Simplified single sample ¹³Carbon urea breath test for Helicobacter pylori: comparison with histology, culture, and ELISA serology. Gut 32: 1461-1464 (1991)

LUPETTI, P, Heuser, JE, Manetti, R, Massari, P, Lanzavecchia, S, Bellon, PL, Dallai, R, Rappuoli, R, Telford, JL: Oligomeric and subunit structure of the Helicobacter pylori vacuolating cytotoxin. J Cell Biol 133: 801-807 (1996)

MALFERTHEINER, P: The Maastricht recommendations and their impact on general practice. Eur J Gastroenterol Hepatol 11 (Suppl 2): S63-S67 (1999)

MARSHALL (a), BJ, Armstrong, JA, McGechie, DB, Glancy, RJ: Attempt to fulfil Koch's postulates for pyloric campylobacter. Med J Austr 142: 436-439 (1985)

MARSHALL (b), BJ, Warren, JR, Francis, GJ, Langton, SR, Goodwin, CS, Blincow, ED: Rapid urease test in the management of Campylobacter pyloridis-Associated gastritis. Am J Gastroenterol 82: 200-210 (1987)

MATSUI, H, Kubo, Y, Ninomiya, T, Mizukami, Y, Onji, M: Recurrence of gastric ulcer depent upon strain differences of Helicobacter pylori in urease B gene. Dig Dis Sci 45: 49-54 (2000)

McCOLL, KEL, El-Omar, E: Helicobacter pylori and disturbance of gastric function associated with duodenal ulcer disease and gastric cancer. Scand J Gastroenterol 31 (Suppl 215): 32-37 (1996)

McNULTY, CAM, Wise, R: Rapid diagnosis of Campylobacter-associated gastritis. Lancet I: 1443-1444 (1985)

MÉGRAUD, F: Advantages and disadvantages of current diagnostic tests for the detection of Helicobacter pylori. Scand J Gastroenterol 31 (Suppl 215): 57-62 (1996)

MOBLEY, HLT, Cortesia, MJ, Rosenthal, LE, Jones, BD: Characterization of urease from Campylobacter pylori. J Clin Microbiol 26: 831-836 (1988)

MORAN, AP: Pathogenic properties of Helicobacter pylori. Scand J Gastroenterol 31 (Suppl 215): 22-31 (1996)

MORRIS, A., Nicholson, G.: Ingestion of Campylobacter pyloridis causes gastritis and raised fasting gastric pH. Am J Gastroenterol 82: 192-199 (1987)

MUOTIALA, A, Helander, IM, Pyhälä, L, Kosunen, TU, Moran, AP: Low biological activity of *Helicobacter pylori* lipopolysaccharide. *Inf Immun* 60: 1714-1716 (1992)

NIH Consensus Conference: *Helicobacter pylori* in peptic ulcer disease. *JAMA* 272: 65-69 (1994)

NILIUS, M, Malfertheiner, P.: Diagnostische Verfahren bei *Helicobacter-pylori*-Infektionen. In: Malfertheiner, P: *Helicobacter pylori – Von der Grundlage zur Therapie*, Thieme 2.Aufl: 139-147 (1996)

OWEN, RJ: *Helicobacter* – species classification and identification. *Brit Med Bull* 54: 17-30 (1998)

PARSONNET (a), J, Friedman, G, Vandersteen, DP, Chang, Y, Vogelman, JH, Orentreich, N, Sibley, RK: *Helicobacter pylori* infection and the risk of gastric carcinoma. *New Engl J Med* 325: 1127-1131 (1991)

PARSONNET (b), J, Hanse, S, Rodriguez, L, Gelb, AB, Warnke, R, Jellum, E, Orentreich, N, Vogelmann, JH, Friedmann, GD: *Helicobacter pylori* infection and gastric lymphoma. *New Engl J Med* 330: 1267-1271 (1994)

PEEK, RM, Miller, GG, Tham, KT, Perez-Perez, GI, Zhao, X, Atherton, JC, Blaser, MJ: Heightened inflammatory response and cytokine expression in vivo to cagA⁺ *Helicobacter pylori* strains. *Lab Invest* 71: 760-770 (1995)

PHADNIS, SH, Parlow, MH, Levy, M, Ilver, D, Caulkins, CM, Connors, JB, Dunn, BE: Surface localization of *Helicobacter pylori* urease and a heat shock protein homolog requires bacterial autolysis. *Inf Imm* 3: 905-912 (1996)

RUNE, SJ: Diagnosis of Helicobacter pylori infection. When to use which test and why. Scand. J. Gastroenterol. 31 (Suppl 215): 63-65 (1996)

SCHADE, C, Flemström, G, Holm, L: Hydrogen ion concentration in the mucus layer on top of acid-stimulated and -inhibited rat gastric mucosa. Gastroenterology 107: 180-188 (1994)

SCOTT (a), DR, Weeks, D., Hong, Ch., Postius, St., Melchers, K., Sachs, G.: The role of internal urease in acid resistance of Helicobacter pylori. Gastroenterology 114: 58-70 (1998)

SCOTT (b), DR, Weeks, D., Melchers, K.; Sachs,G.: The life and death of Helicobacter pylori. Gut 43 (Suppl 1): 56-60 (1998)

SHIMOYAMA, T, Crabtree, JE: Bacterial factors and immune pathogenesis in Helicobacter pylori infection. Gut 43 (Suppl 1): S2-S5 (1998)

SMOOT, DT, Mobley, HLT, Chippendale, GR, Lewison, JF, Reau, JH: Helicobacter pylori urease activity is toxic to human gastric epithelial cells. Inf Immun 58: 1992-1994 (1990)

STADELmann, O: Helicobacter pylori: Indikationen und Praxis der Therapie. Dt. Ärzteblatt 92: 2567-2569 (1995)

SUERBAUM (a), S: Bakterielle Physiologie und Virulenzfaktoren. In: Malfertheiner, P.: Helicobacter pylori – Von der Grundlage zur Therapie, Thieme, 2.Aufl: 11-23 (1996)

SUERBAUM (b), S, Josenhans, C: Virulence factors of Helicobacter pylori: implications for vaccine development. Mol Med Today 5: 32-39 (1999)

THOMAS (a), JE, Gibson, GR, Darboe, MK, Dale, A, Weaver, LT: Isolation of *Helicobacter pylori* from human faeces. Lancet 340: 1194-1195 (1992)

THOMAS (b), JE, Whatmore, AM, Barer, MR, Eastham, EDJ, Kehoe, MA: Serodiagnosis of *Helicobacter pylori* infection in childhood. J Clin Microbiol 28: 2641-2646 (1990)

TSUJII, M, Kawano, S, Tsuji, S, Fusamoto, H, Kamada, T, Sato, N: Mechanism of gastric mucosal damage induced by ammonia. Gastroenterology 102: 1881-1888 (1992)

TUMMURU, MKR, COVER, TL, BLASER, MJ: Cloning and expression of a high-molecular-mass major antigen of *Helicobacter pylori*: Evidence of linkage to cytotoxin production. Inf Immun 61: 1799-1809 (1993)

VALENTINE, JL, Arthur, RR, Mobley, HLT, Dick, JD: Detection of *Helicobacter pylori* by using the polymerase chain reaction. J Clin Microbiol 4: 689-695 (1991)

VOGT, K, Hahn, H: Urease production by *Helicobacter* (*Campylobacter*) *pylori*. Zbl Bakt 275: 63-72 (1991)

WARREN, RJ, MARSHALL, BJ: Unidentified curved bacilli on gastric epithelium in active chronic gastritis. Lancet 1: 1273-1275 (1983)

WILLIAMS, CL, Preston, T, Hossack, M, Slater, C, McColl, KEL: *Helicobacter pylori* utilises ureas for amino acid synthesis. FEMS 13: 87-94 (1996)

WOLLE, K, Nilius, M, Leodolter, A, Müller, WA, Malfertheiner, P, König, W: Prevalence of *Helicobacter pylori* resistance to several antimicrobial agents in a region of germany. Eur J Clin Microbiol Infect Dis 17: 519-521 (1998)

WYLE, FA, Chang, KJ: Do strains of Helicobacter pylori differ from one another ?
Eur J Gastroenterol Hepatol 5 (Suppl1): 9-15 (1993)

YOSHIMURA, HH, Evans, DG, Graham, DY: DNA-DNA hybridisation demonstrates apparent genetic differences between Helicobacter pylori from Patients with duodenal ulcer and asymptomatic gastritis. Dig Dis Sci 38: 1128-1131 (1993)