

## Publications 2006 - 2010

Classées par ordre d'IF décroissant des journaux

### Publications originales

#### 2006

1. Koletzko, S., Richy, F., Bontems, P., Crone, J., Kalach, N., Monteiro, M.L., Gottrand, F., Celinska-Cedro, D., Roma-Giannikou, E., Oderda, G., Kolacek, S., Urruzuno, P., Martinez Gomez, M.J., Casswall, T., Ashorn, M., Bodanszky, H., Mégraud, F. Prospective multicentre study on antibiotic resistance of *Helicobacter pylori* strains obtained from children living in Europe. Gut 2006; 52: 804-806. (IF 7.692)
2. Prouzet-Mauléon, V., Labadi, L., Bouges, N., Ménard, A., Mégraud, F. *Arcobacter butzleri*: underestimated enteropathogen. Emerging Infectious Disease 2006; 12: 307-309. (IF 5.308)
3. Salles, N., Ménard, A., Georges, A., Salzmann, M., de Ledingen, V., de Mascarel, A., Emérian, J.P., Lamouliatte, H., Mégraud, F. Effects of *Helicobacter pylori* infection on gut appetite peptide expression (leptin, ghrelin) in elderly inpatients. Journal of Gerontology: Biological Sciences 2006; 61: 1144-50. (IF 4.369)
4. Oleastro, M., Monteiro, L., Lehours, P., Mégraud, F., Ménard, A. Identification of markers for *Helicobacter pylori* strains isolated from children with peptic ulcer disease by suppressive subtractive hybridization. Infection & Immunity 2006; 74: 4064-4074. (IF 3.933)
5. Gallay, A., De Valk, H., Cournot, M., Ladeuil, B., Hemery, C., Castor, C., Bon, F., Mégraud, F., LeCann, P., Desenclos, J.C., the Outbreak Investigation Team. A large multi-pathogen waterborne community outbreak linked to faecal contamination of a groundwater system, France, 2000. Clinical Microbiology and Infection 2006; 12: 561-570. (IF 2.679)
6. Duckworth, M., Ménard, A., Mégraud, F., Mendz, G.L. Bioinformatic analysis of *Helicobacter pylori* XGPRTase: a potential therapeutic target. Helicobacter 2006; 11: 287-295. (IF 2.584)
7. Bury-Moné, S., Kaakoush, N.O., Asencio, C., Mégraud, F., Thibonnier, M., De Reuse, H., Mendz, G. Is *Helicobacter pylori* a true microaerophile? Helicobacter 2006; 11: 296-303. (IF 2.584)
8. Kempf, I., Dufour-Gesbert, F., Hellard, G., Prouzet-Mauléon, V., Mégraud, F. Broilers do not play a dominant role in the *Campylobacter fetus* contamination of humans. Journal of Medical Microbiology 2006; 55: 1277-1278. (IF 2.318)
9. Sierra, R., Une, C., Ramirez, V., Gonzalez, M.I., Ramirez, J.R., de Mascarel, A., Barahona, R., Salas-Aguilar, R., Paez, R., Avendano, G., Avalos, A., Broutet, N., Mégraud, F. Association of serum pepsinogen with atrophic body gastritis in Costa Rica. Clinical & Experimental Medicine 2006; 6: 72-78. (IF 1.228)
10. Castéra, L., Pedeboscq, A., Rocha, M., LeBail, B., Asencio, C., de Lédinghen, V., Bernard, P.H., Laurent, C., Lafon, M.E., Capdepont, M., Couzigou, P., Bioulac-Sage, P., Balabaud, C., Mégraud, F., Ménard, A. Relationship between the presence of *Helicobacter* species in the liver and the severity of HCV-related liver disease : a prospective study. World Journal of Gastroenterology. 2006; 12: 7278-7284.

## 2007

11. Pyndiah, S., Lasserre, J.P., Ménard, A., Claverol, S., Prouzet-Mauléon, V., Mégraud, F., Zerbib, F., Bonneau, M. Two-dimensional blue native/SDS gel electrophoresis of multiprotein complexes from *Helicobacter pylori*. Molecular and Cellular Proteomics 2007; 6: 193-206 (IF 9.876)
12. Gallay, A., Prouzet-Mauléon, V., Kempf, I., Lehours, P., Labadi, L., Camou, C., Denis, M., de Valk, H., Desenclos, JC., Mégraud, F. Campylobacter antimicrobial drug resistance among humans, broiler chickens, and pigs, France. Emerg Infect Dis. 2007 ;13 :259-66 (IF : 5,308)
13. Mamelli, L., Demoulin, E., Prouzet-Mauleon, V., Mégraud, F., Pages, JM., Bolla, JM. Prevalence of efflux activity in low-level macrolide-resistant *Campylobacter* species. Journal of Antimicrobial Chemotherapy. 2007; 59: 327-8 (IF 3,886)
14. Lehours, P., Dupouy, S., Chaineux, J., Ruskoné-Fourmestraux, A., Delchier, J.C., Morgner, A., Mégraud, F., Ménard, A. Genetic diversity for the HpyC1I restriction modification system in *Helicobacter pylori*. Research in Microbiology 2007; 158: :265-71. (IF 2.426)
15. Abdelbaqi, K., Ménard, A., Prouzet-Mauléon, V., Bringaud, F., Lehours, P., Mégraud, F. Nucleotide sequence of the *gyrA* gene of *Arcobacter* species and characterization of human ciprofloxacin-resistant clinical isolates. FEMS Immunology and Medical Microbiology. 2007; 49: 337-45. (IF 2.371)
16. Laharie, D., Ménard, S., Asencio, C., Vidal-Martinez, T., Rullier, A., Zerbib, F., Candalh, C., Mégraud, F., Heyman, M., Matysiak-Budnik, T. Effect of rebamipide on the colonic barrier in interleukin 10 deficient mice. Digestive Diseases and Sciences. 2007; 52 :84-92 (IF 1.388)

## 2008

17. Oleastro, M., Cordeiro,R., Ferrand, J., Nunes, B., Lehours, P., Carvalho-Oliveira, I., Mendes, AI., Penque, D., Monteiro, L., Mégraud, F., Ménard, A. Evaluation of the clinical significance of homB, a novel candidate marker of *Helicobacter pylori* strains associated with peptic ulcer disease. J Infect Dis. 2008;198:1379-87. (IF: 6.035)
18. Gallay, A., Bousquet, V., Siret, V., Prouzet-Mauléon, V., Valk, H., Vaillant, V., Simon, F., Le Strat, Y., Mégraud, F., Desenclos, J.C. Risk factors for acquiring sporadic Campylobacter infection in France: results from a national case-control study. J Infect Dis. 2008;197:1477-84. (IF:6.035)
19. Moulin, G., Vacalié, P., Pellanne, I., Chevance, A., Laval, A., Millemann, Y., Colin,P., Chauvin, C., Antimicrobial Resistance ad hoc Group of the French Food Safety Agency. A comparison of antimicrobial usage in human and veterinary medicine in France from 1999 to 2005. J Antimicrob Chemother. 2008;62:617-25. (IF: 4.038)
20. Ménard, A., Danchin, A., Dupouy, S., Mégraud, F., Lehours, P. A variable gene in a conserved region of the *Helicobacter pylori* genome. Isotopic gene replacement or rapid evolution? DNA Res. 2008;15:163-8. (IF: 3.525)
21. Ferrand, J., Roumanes, D., Pitard, V., Moreau, J.F., Mégraud, F., Lehours, P. Modulation of lymphocyte proliferation induced by gastric MALT lymphoma-associated *Helicobacter pylori* strains. Helicobacter. 2008;13:167-73. (IF: 2.423)

22. Sierra, R., Une, C., Ramírez, V., Alpízar-Alpízar, W., González, MI., Ramírez, JA., de Mascarel, A., Cuenca, P., Pérez-Pérez, G., Mégraud, F. Atrophic gastritis and peptic ulcers: relation to *Helicobacter pylori* CagA+, and polymorphisms of IL-1RN and IL-1B in a population at high risk of gastric cancer in Costa Rica. *World J Gastroenterol* 2008;14:6481-7.

**2009**

23. Varon C, Duriez A, Lehours, P., Ménard, A., Laye, S., Mégraud, F., Laharie, D. Study of *Helicobacter pullorum* proinflammatory properties on human epithelial cells in vitro. *Gut* 2009;58:629-35 (IF 9,766)
24. Kaakoush, NO., Asencio, C., Mégraud, F., Mendz, GL. A redox basis for metronidazole resistance in *Helicobacter pylori*. *Antimicrob Agents Chemother* 2009;53:1884-91.(IF 4,390)
25. Cambau, E., Allerheiligen, V., Coulon, C., Corbel, C., Lascols, C., Deforges, L., Soussy, C.J., Delchier, J.C., Megraud, F. Evaluation of a new test, genotype HelicoDR, for molecular detection of antibiotic resistance in *Helicobacter pylori*. *J Clin Microbiol.* 2009;47:3600-7. (IF 3,945)
26. Laharie, D., Asencio, C., Asselineau, J., Bulois, P., Bourreille, A., Moreau, J., Bonjean, P., Lamarque, D., Pariente, A., Soulé, JC., Charachon, A., Coffin, B., Perez, P., Mégraud, F., Zerbib, F. Association between entero-hepatic *Helicobacter* species and Crohn's disease: a prospective cross-sectional study. *Alimentary Pharmacology & Therapeutics* 2009;30:283-93. (IF 3,201)
27. Miller, W., Wesley, I., On, S., Houf, K., Mégraud, F., Wang, G., Yee, E., Srijan, A., Mason, C. First multi-locus sequence typing scheme for Arcobacter spp. *BMC Microbiology* 2009;9:196. (IF 2,88)
28. Vale, F., Mégraud, F., Vítor, J. Geographic distribution of methyltransferases of *Helicobacter pylori*: evidence of human host population isolation and migration. *BMC Microbiology* 2009;9:193. (IF 2,88)
29. Oleastro, M., Cordeiro, R., Menard, A., Yamaoka, Y., Queiroz, D., Megraud, F., Monteiro, L. Allelic diversity and phylogeny of homB, a novel co-virulence marker of *Helicobacter pylori*. *BMC Microbiology* 2009;9:248. (IF 2,88)
30. van Belkum, A., Jacobs, B., van Beek, E., Louwen, R., van Rijs, W., Debruyne, L., Gilbert, M./, Li, J., Mégraud, F., Endtz, H. Can *Campylobacter coli* induce Guillain-Barré syndrome? *European Journal of Clinical Microbiology & Infectious Diseases.* 2009;28:557-60 (IF 2,866)
31. Denis, M., Chidaine, B., Laisney, MJ., Kempf, I., Mégraud, F., Rivoal, K., Fravalo, P. Comparison of genetic profiles of *Campylobacter* strains isolated from poultry, pig and *Campylobacter* human infections in Brittany, France. *Pathologie Biologie (Paris).* 2009;57:23-9. (IF 0,960)
32. Denis, M., Tangy, M., Chidaine, B., Laisney, M.J., Mégraud, F., Fravalo, P. Description and sources of contamination by *Campylobacter* spp. of river water destined for human consumption in Brittany, France. *Pathologie Biologie (Paris).* 2009 doi:10.1016/j.patbio.2009.10.007 (IF 0,960).
33. Lehours P, Zheng Z, Skoglund A, Mégraud F, Engstrand L. Is there a link between the lipopolysaccharide of *Helicobacter pylori* gastric MALT lymphoma associated strains and lymphoma pathogenesis? *PLoS ONE* 2009;4:e7297.

34. Bernarde C, Khoder G, Lehours P, Burucoa C, Fauchère J, Delchier JC, Mégraud F, Atanassov C. Proteomic *Helicobacter pylori* biomarkers discriminative of low-grade gastric MALT lymphoma and duodenal ulcer. *Proteomics Clinical Applications* 2009 (Ahead of print)
35. Oleastro, M., Cordeiro, R., Yamaoka, Y., Queiroz, D., Mégraud, F., Monteiro, L., Ménard, A. Disease association with two *Helicobacter pylori* duplicate outer membrane protein genes, *homB* and *homA*. *Gut Pathog* 2009;1:12.
36. Shaikh, A.R., Giridhar, R., Megraud, F., Yadav, M.R. Metalloantibiotics: synthesis, characterization and antimicrobial evaluation of bismuth-fluoroquinolone complexes against *Helicobacter pylori*. *Acta Pharm.* 2009;59:259-71.

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37. Bernarde, C., Lehours, P., Lasserre, J.P., Castroviejo, M., Bonneu, M., Megraud, F., Menard, A. A complexomic study of two *Helicobacter pylori* strains of two pathological origins: potential targets for vaccine development and new insight in bacteria metabolism. *Mol Cell Proteomics*. 2010;9:2796-826. (IF: 8.8)
38. Oleastro, M., Santos, A., Cordeiro, R., Nunes, B., Mégraud, F., Ménard, A. Clinical relevance and diversity of two homologous genes encoding glycosyltransferases in *Helicobacter pylori*. *J Clin Microbiol*. 2010;48:2885-91 (IF: 4.16)
39. Sivadon-Tardy, V., Orlikowski, D., Porcher, R., Ronco, E., Caudie, C., Roussi, J., Fauchère, JL., Mégraud, F., Tabor, H., Sharshar, T., Annane, D., Raphaël, JC., Gaillard, JL. Detection of *Campylobacter jejuni* by culture and real-time PCR in a French cohort of patients with Guillain-Barre syndrome. *J Clin Microbiol*. 2010;48:2278-81. (IF: 4.16)
40. Mane, SP., Dominguez-Bello, MG., Blaser, MJ., Sobral, BW., Hontecillas, R., Skoneczka, J., Mohapatra ,SK., Crasta, OR., Evans, C., Modise, T., Shallom, S., Shukla, M., Varon, C., Mégraud, F., Maldonado-Contreras, AL., Williams, KP., Bassaganya-Riera, J. Host-Interactive genes in Amerindian *Helicobacter pylori* diverge from their old world homologs and mediate inflammatory responses. *J Bacteriol*. 2010;192:3078-92. (IF : 3.94)
41. Devi, SH., Taylor, TD., Avasthi, TS., Kondo, S., Suzuki, Y., Megraud, F., Ahmed, N. Genome of *Helicobacter pylori* strain 908. *J Bacteriol*. 2010;192:6488-9 (IF : 3.94)
42. Thibierge, JM., Boursaux-Eude, C., Lehours, P., Dillies, MA., Creno, S., Coppee, JY., Rouy, Z., Lajus, A., Ma, L., Burucoa, C., Ruskone-Foumestraux, A., Courillon-Mallet, A., de Reuse, H., Gomperts Boneca, I., Lamarque, D., Mégraud, F., Delchier, JC., Medique, C., Bouchier, C., Labigne, A., Raymond, J. From array-based hybridization of *Helicobacter pylori* isolates to the complete genome sequence of an isolate associated with MALT lymphoma. *BMC Genomics* 2010, 11:368 (IF : 3.76)
43. Salles, N., Letenneur, L., Buissonnière, A., Jehanno, A., Dartigues, J.F., Mégraud, F. Does *Helicobacter pylori* affect life expectancy? *J Am Geriatr Soc*. 2010;58:1607-9. (IF: 3.65)
44. Gisbert, JP., Calvet, X., O'Connor, A., Mégraud, F., O'Morain, CA. The sequential therapy for *Helicobacter pylori* eradication: A critical review. *J Clin Gastroenterol*. 2010;44:313-25. (IF: 2.207 )
45. Kalach, N., Bontems, P., Koletzko, S., Mourad-Baars, P., Shcherbakov, P., Celinska-Cedro, D., Iwanczak, B., Gottrand, F., Martinez-Gomez, M.J., Pehlivanoglu, E.,

Oderda, G., Urruzuno, P., Casswall, T., Lamireau, T., Sykora, J., Roma-Giannikou, E., Veres, G., Wewer, V., Chong, S., Charkaluk, M.L., Mégraud, F., Cadranel, S. Frequency and risk factors of gastric and duodenal ulcers or erosions in children: a prospective 1-month European multicenter study. Eur J Gastroenterol Hepatol. 2010;22:1174-81. (IF: 1.662)

46. Ortiz-Princz, D., Guariglia-Oropeza, V., Avila, M., Correnti, M., Perrone, M., Gutierrez, B., Torres., J, Megraud., F, Cavazza, ME. *Helicobacter pylori cagA* and *vacA* genotypes in Cuban and Venezuelan populations. Mem Inst Oswaldo Cruz. 2010;105:331-5.

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47. Malfertheiner, P., Bazzoli, F., Delchier, J.C., Celinski, K., Giguère, M., Rivière, M., Mégraud, F., for the Pylera Study Group. *Helicobacter pylori* eradication with a capsule containing bismuth subcitrate potassium, metronidazole, and tetracycline given with omeprazole versus clarithromycin-based triple therapy: a randomised, open-label, non-inferiority, phase 3 trial. Lancet. 2011;377:905-13 (IF: 30.758)
48. Ruskoné-Fourmestraux, A., Fischbach, W., Aleman, B.M., Boot, H., Du, M.Q., Mégraud, F., Montalban, C., Raderer, M., Savio, A., Wotherspoon, A., on behalf of the EGILS group. EGILS consensus report. Gastric extranodal marginal zone B-cell lymphoma of MALT. Gut. 2011 [Epub ahead of print] (IF: 9.357)
49. Ferrand, J., Noël, D., Lehours, P., Prochazkova-Carlotti, M., Chambonnier, L., Ménard, A., Mégraud, F., Varon, C. Human bone marrow-derived stem cells acquire epithelial characteristics through fusion with gastrointestinal epithelial cells. PLoS ONE 2011 (accepté) (IF: 4.351)
50. Bessède,E., Delcamp, A., Sifré, E., Buissonnière, A., Mégraud, F. New detection methods for Campylobacters in stools in comparison to culture. J Clin Microbiol. 2011;49:941-4 (IF: 4.162)
51. Bessède, E., Solecki, O., Sifré, E., Labadi, L., Mégraud, F. Identification of *Campylobacter* species and related organisms by matrix assisted laser desorption ionization-time of flight (MALDI-TOF) mass spectrometry. Clin Microbiol Infect. 2011 Jan 17. doi: 10.1111/j.1469-0691.2011.03468.x. [Epub ahead of print] (IF: 4.014)
52. Fauchère, JL., Charlier-Bret, N., Courillon-Mallet, A., de Korwin, JD., Raymond, J., Buruhoa, C., Boucher, B., Ly, TD., Zerbib, F., Mégraud, F., Delchier, JC. Évaluation comparative de 29 trousse commercialisées pour le diagnostic sérologique de l'infection par *Helicobacter pylori* : étude multicentrique du Groupe d'Étude Français des *Helicobacter* (GEFH). Feuillets de Biologie. 2011;52:1-7
53. Koletzko, S., Jones, N., Goodman, KJ., Gold, B., Rowlands, M., Cadranel, S., Chong, S., Colletti, RB., Casswall, T., Elitsur, Y., Guarner, J., Kalach, N., Madrazo, A., Mégraud, F. Evidence-based guidelines from ESPGHAN and NASPGHAN for *Helicobacter pylori* infection in children. J Pediatr Gastroenterol Nutr. 2011 (sous presse).
54. Lehours, P., Siffré, E., Mégraud, F. DPO multiplex PCR as an alternative to culture and susceptibility testing to detect *Helicobacter pylori* and its resistance to clarithromycin. 2011 (soumis pour publication)