

Publications de Thierry CLAVEL – Liste des publications depuis 1998

Revue internationale à comité de lecture

Guérin A., Dargaignaratz C., Broussole V., Clavel T., Nguyen-the C. (2016) Combined effect of anaerobiosis, low pH and cold temperatures on the growth capacities of psychrotrophic *Bacillus cereus*. Food Microbiol. 59: 119-123.

Brillard J., Dupont C., Berge O., Dargaignaratz C., Oriol-Gagnier S., Doussan C., Broussole V., Gillon M., Clavel T., Bérard A (2015) The water cycle, a potential source of the bacterial pathogen *Bacillus cereus*. BioMed Research International. 15 pages. [doi.org/10.1155/2015/356928](https://doi.org/10.1155/2015/356928) .

de Sarrau B., Clavel T., Zwickel N., Despres J., Dupont S., Beney L., Tourdot-Maréchal R., Nguyen-the C. (2013) Unsaturated fatty acids from food and in the growth medium improve growth of *Bacillus cereus* under cold and anaerobic conditions. Food Microbiol. 36: 113-122.

de Sarrau B., Clavel T., Bornard I., Nguyen-the C. (2013) Low temperatures and fermentative metabolism limit peptidoglycan digestion of *Bacillus cereus*. Impact on colony forming unit counts. Food Microbiol. 33: 213-220.

de Sarrau, B., Clavel T., Clerté C., Carlin F., Giniès C., Nguyen-the C. (2012) Influence of anaerobiosis and low temperature on *Bacillus cereus* growth, metabolism, and membrane properties. Appl Env Microbiol. 78: 1715-1723.

Laouami, S., Messaoudi K., Alberto F., Clavel T., Duport C. (2011) Lactate dehydrogenase A promotes communication between carbohydrate catabolism and virulence in *Bacillus cereus*. J Bacteriol. 193: 1757-1766.

Carlin F., Brillard J., Broussole V., Clavel T., Duport C., Jobin M., Guinebretière M.H., Auger S., Sorokine A., Nguyen-Thé C. (2010) Adaptation of *Bacillus cereus*, an ubiquitous worldwide-distributed pathogen, to a changing environment. Food Res Internat. 43: 1885-1894.

Messaoudi K., Clavel T., Schmitt P., Duport C. (2010) Fnr mediates carbohydrate-dependent regulation of catabolic and enterotoxin genes in *Bacillus cereus* F4430/73. Res Microbiol. 161: 30-39.

Ouhib-Jacobs O., Lindley N., Schmitt P., Clavel T. (2009) Fructose and glucose mediate enterotoxin production and anaerobic metabolism of *Bacillus cereus* ATCC14579. J Applied Microbiol. 107: 821-829.

Clavel T., Carlin F., Dargaignaratz C., Lairon D., Nguyen-Thé C., Schmitt P. (2007) Effects of porcine bile on survival of *Bacillus cereus* vegetative cells and Haemolysin BL enterotoxin production in reconstituted human small intestine media. J Applied Microbiol. 103: 1568-1575.

Ouhib, O., Clavel T., Schmitt P. (2006) The production of *Bacillus cereus* enterotoxins is influenced by carbohydrate and growth rate. Curr Microbiol. 53 : 222-226.

Clavel T., Carlin F., Lairon D., Nguyen-Thé C., Schmitt P. (2004) Survival of *Bacillus cereus* spores and vegetative cells in acid media simulating human stomach. J Applied Microbiol. 97: 214-219.

Schmitt P., Clavel T., Jobin M.P., Duport C. (2003). Effects of growth conditions on *Bacillus cereus* growth and toxin production. FEMS Microbiol Lett. 222 (Supplement 1): 157.

Jobin M.P., Clavel T., Carlin F., Schmitt P. (2002). Acid tolerance response is low-pH and late-stationary growth phase inducible in *Bacillus cereus* TZ415. *Int J Food Microbiol.* 79: 65-73.

Choma C., Clavel T., Dominguez H., Razafindramboa N., Soumille H., Nguyen-Thé C., Schmitt P. (2000). Effect of temperature on growth characteristics of *Bacillus cereus* TZ415. *Int J Food Microbiol.* 55: 73-77.

Germon P., Clavel T., Vianney A., Portalier R., Lazzaroni J.C. (1998). Mutational analysis of the *Escherichia coli* K12 TolA N-terminal domain and characterization of its TolQ-interacting domain by genetic suppression. *J Bacteriol.* 180: 6433-6439.

Clavel T., Germon P., Vianney A., Portalier R., Lazzaroni J.C. (1998). TolB protein of *Escherichia coli* K12 interacts with the outer membrane peptidoglycan-associated proteins Pal, Lpp and OmpA. *Mol Microbiol.* 29: 359-367