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Publications

- **Bellanger X**, Billard P, Schneider R, Merlin C. Stability and toxicity of ZnO quantum dots: interplay between nanoparticles and bacteria. *J Hazard Mater.* 2015 283, 110-116.
- **Bellanger X**, Guilloteau H, Breuil B, Merlin C. Natural microbial communities supporting the transfer of the IncP-1 β plasmid pB10 exhibit a higher initial content of plasmids from the same incompatibility group. *Front Microbiol.* 2014, 5(637).
- **Bellanger X**, Guilloteau H, Bonot S, Merlin C. Demonstrating antibiotic resistance gene transfer in complex environmental matrices: a practical approach for a critical review. *Sci Total Environ.* 2014 493, 872-882
- Arroua B, **Bellanger X**, Guilloteau H, Mathieu L, Merlin C. Atypical stress response to temperature exposure leads to septation defect in *Cupriavidus metallidurans* CH34. *FEMS Microbiol Lett.* 2014 353(1).
- **Bellanger X**, Payot S, Leblond-Bourget N, Guédon G. Conjugative and mobilizable genomic islands in bacteria: evolution and diversity. *FEMS Microbiol Rev.* 2014 Jul;38(4).
- **Bellanger X**, Morel C, Decaris B, Guédon G. Cis-mobilization and retro-mobilization of a genomic island by a related integrative and conjugative element from *Streptococcus thermophilus*: evolution of genomic islands by site-specific accretion. *Mol. Microbiol.* 2011 Aug;(81)4.
- **Bellanger X**, Morel C, Roberts AP, Mullany P, Decaris B, Guédon G. Characterization of the conjugative transfer of ICEst1 and ICEst3 from *Streptococcus thermophilus*. *J Bacteriol.* 2009 Apr; 191(8).
- **Bellanger X**, Morel C, Decaris B, Guédon G. Regulation of Excision of Integrative and Potentially Conjugative Elements from *Streptococcus thermophilus*: Role of the arp1 Repressor. *J Mol Microbiol Biotechnol* 2008; 14(1-3).
- **Bellanger X**, Morel C, Decaris B, Guédon G. Derepression of excision of integrative and potentially conjugative elements from *Streptococcus thermophilus* by DNA damage response: implication of a cl-related repressor. *J Bacteriol.* 2007 Feb; 189(4).