

## Cinzia Calvio - Publications

1. Evidences on the role of the lid loop of  $\gamma$ -glutamyltransferases (GGT) in substrate selection. 2018. Calvio C., Romagnuolo F., Vulcano F., Speranza G., Morelli C.F. *Enzyme and microbial technology* 114, 55-62.
2. BioBrick™-Compatible Vector for Allelic Replacement Using the Xyle Gene as Selection Marker. 2016. Casanova, M., Pasotti L., Zucca S., Politi N., Massaiu I., Calvio C., Cusella De Angelis M.G., Magni P. *Biological Procedures Online* 18:6. DOI 10.1186/s12575-016-0036-z
3. Metal Leaching and Reductive Dissolution of Iron from Contaminated Soil and Sediment Samples by Indigenous Bacteria and Bacillus Isolates. (2016) Styriakova I., Styriak I., Balestrazzi A., Calvio C., Fae M., Styriakova D. *Soil & Sediment Contamination* 25 (5), 519-535
4.  $\gamma$ -PGA Hydrolases of Phage Origin in Bacillus subtilis and Other Microbial Genomes. 2015. Mamberti S., Prati P., Cremaschi P., Seppi C., Morelli C.F., Galizzi A., Fabbi M., Calvio C. *PLoS ONE* 07/2015; 10(7):e0130810. DOI:10.1371/journal.pone.0130810.
5. The Role of SwrA, DegU and PD3 in fla/che Expression in B. subtilis. 2013. Mordini S., Osera C., Marini S., Scavone F., Bellazzi R., Galizzi A., Calvio C. *PLoS ONE* 12/2013; 8(12):e85065. DOI:10.1371/journal.pone.0085065.
6. pH-Dependent hydrolase, glutaminase, transpeptidase and autotranspeptidase activities of Bacillus subtilis  $\gamma$ glutamyltransferase. 2013. Morelli C.F., Calvio C., Biagiotti M., Speranza G. *FEBS Journal* 11/2013; 281(1). DOI:10.1111/febs.12591.
7. Knockout of pgdS and ggt genes improves  $\gamma$ -PGA yield in B. subtilis. Scoffone V., Dondi D., Biino G., Pasini D., Galizzi A., Calvio C. *Biotechnology and Bioengineering* 07/2013; 110(7). DOI:10.1002/bit.24846.
8. Spore-forming bacteria in soil cultivated with GM white poplars: Isolation and characterization. 2010. Bonadei M., Calvio C., Carbonera D., Galizzi A., Quattrini E., Balestrazzi A. *Folia Microbiologica* 01/2010; 55(1):39-46. DOI:10.1007/s12223-010-0007-8.
9. DNA extraction from soil: comparison of different methods using spore-forming bacteria and the swrAA gene as indicators. 2009. Balestrazzi A., Bonadei M. Calvio C., Galizzi A., Carbonera D. *Annals of Microbiology* 12/2009; 59(4):827-832. DOI:10.1007/BF03179230.
10. Leaf-associated bacteria from transgenic white poplar producing resveratrol-like compounds: Isolation, molecular characterization, and evaluation of oxidative stress tolerance. 2009. Balestrazzi A., Bonadei M., Calvio C., Mattivi F., Carbonera D. *Canadian Journal of Microbiology* 07/2009; 55(7):829-40. DOI:10.1139/w09-038.
11. SwrAA activates poly-  $\gamma$ -glutamate synthesis in addition to swarming in Bacillus subtilis. 2009. Osera C., Amati G., Calvio C., Galizzi A. *Microbiology* 05/2009; 155(Pt 7):2282-7. DOI:10.1099/mic.0.026435-0.
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