

Rosario Calogero



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Current Position: Post Doc

Supervisor: Teresa Romeo

Appointed on project: PON – Marine Hazard

Affiliation:

Section <EMI>, Stazione Zoologica Anton Dohrn, Sicily Marine Center, Messina (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Messina, Italy	First degree	2006-2010	Marine Biology
University of Messina, Italy	Second degree	2010-2011	Marine Biology
Institute for Coastal and Marine Environments (IAMC – CNR), Messina, Italy	Collaboration contract (CoCoCo)	2012	Marine Biotechnologies
Institute for Coastal and Marine Environments (IAMC – CNR), Messina, Italy	Collaboration contract (CoCoCo)	2013	Marine Biotechnologies
University of Messina, Italy	PhD	2014-2017	Microbial biodegradation in anoxic conditions
Stazione Zoologica Anton Dohrn Napoli, Italy	Research Fellow	2021-present	Marine microbial ecology

Publications

Author of 6 publications on ISI-journals

List of publications of the last 10 years:

Journal Papers

Cappello, S., Russo, D., Santisi, S., Calogero, R., Gertler, C., Crisafi, F., De Domenico, M., Yakimov, M.M.(2012). Presence of hydrocarbon degrading bacteria in gills of mussel *Mytilus galloprovincialis* in polluted environment: a mesoscale simulation study. *Chemistry & Ecology*.

Cappello, S., Santisi, S., Calogero, R. Hassanshahian, Yakimov, M.M.(2012). Characterisation of oil degrading bacteria isolated from bilge water. *Water, Air, & Soil Pollution* volume 223: 3219–3226.

Cappello, S. Genovese, M., Della Torre, C., Crisafi, A., Hassanshahian, M., Santisi, S., Calogero, R., Yakimov, M.M. (2012). Effect of Bioemulsificant Exopolysaccharide (EPS2003) on microbial community dynamics during assays of oil spill bioremediation: a microcosm study. *Marine Pollution Bulletin* Volume 64: 2820-2828.

Genovese, M. Crisafi, F., Denaro, R., Cappello, S., Russo, D., Calogero, R., Santisi, S., Catalfamo M, Modica A, Smedile F, Genovese L, Golyshin PN, Giuliano L, Yakimov, M.M.(2014). Effective bioremediation strategy for rapid in situ cleanup of anoxic marine sediments in mesocosm oil spill simulation. *Frontiers in Microbiology*.

Cappello, S. Calogero, R., Santisi, S., Genovese, M., Denaro, R., Genovese, L, Giuliano, L., Mancini G, Yakimov, M.M.(2015). Bioremediation of oil polluted marine sediments: A bio-engineering treatment. *International Microbiology* 18:127-134

Bovio E, Gnavi G, Prigione V, Spina F, Denaro R, Yakimov MM, Calogero R, Crisafi F, Varese GC (2017). The culturable mycobiota of a Mediterranean marine site after an oil spill: isolation, identification and potential application in bioremediation. *Science of the Total Environment*.