

## Monia Teresa Russo



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**Current Position:** Post Doc

Supervisor: Mariella Ferrante

Appointed on project: RITMARE

### **Affiliation:**

Section IME, Stazione Zoologica Anton Dohrn, Napoli (Italy)

### **Education/Training/Experience**

<b>Institute and Location</b>	<b>Degree / Function</b>	<b>Year</b>	<b>Field of Study</b>
Department of Developmental and Molecular Biology, Stazione Zoologica A. Dohrn, Napoli, Italy	Master (Laurea)	1998-2000	Biological Sciences
Department of Developmental and Molecular Biology, Stazione Zoologica A. Dohrn, Napoli, Italy	Ph.D.	2000-2005	Molecular Genetics of Development and Differentiation
Department of Developmental and Molecular Biology, Stazione Zoologica A. Dohrn, Napoli, Italy	Postdoc	2006-2008	Nervous System Development in Ascidians
Department of Biochemistry e Medical Biotechnologies CEINGE Biotecnologie Avanzate, Napoli, Italy	Postdoc	2009	Regulation of gene expression in development and skin diseases
Integrative Marine Ecology Department Stazione Zoologica A. Dohrn Napoli, Italy	Postdoc	2010-to date	Genetics, molecular biology and mutagenesis in marine algae

## **Publications**

Author of 10 publications on ISI-journals

### ***Journal Papers***

- Aniello, F., Villano, G., Corrado, M., Locascio, A., Russo, M.T., D'Aniello, S., Fucci, L., Branno, M. (2003). Structural organization of the sea urchin DNA (cytosine-5)-methyltransferase gene and characterization of five alternative spliced transcripts. *Gene* 302 1-9.
- Russo, M.T., Donizetti, A., Locascio, A., D'Aniello, S., Amoroso, A., Aniello, F., Fucci, L., Branno, M. (2004). Regulatory Elements Controlling Ci-msxb Tissue Specific Expression during *Ciona intestinalis* embryonic development. *Dev Biol* 267 517-18.
- D'Aniello, S., D'Aniello, E., Locascio, A., Memoli, A., Corrado, M., Russo, M.T., Aniello, F., Fucci, L., Brown, E. R. and Branno, M. (2006). The ascidian homologue of the vertebrate homeobox gene Rx is essential for ocellus development and function. *Differentiation* 74 222-34
- Alfano, C.\*, Russo, M.T.\*, Spagnuolo, A. (2007). Developmental expression and transcriptional regulation of Ci-Pans, a novel neural marker gene of the ascidian *Ciona intestinalis*. *Gene* 406 36-41. \*Equal contribution
- Sordino, P., Andreakis, N., Brown, E. R., Leccia, N. I., Squarzone, P., Tarallo R., Alfano, C., Caputi, L., D'Ambrosio, P., Daniele, P., D'Aniello, E., D'Aniello, S., Maiella, S., Miraglia, V., Russo, M. T., Sorrenti, G., Branno, M., Cariello, L., Cirino, P., Locascio, A., Spagnuolo, A., Zanetti, L. and Ristoratore, F. (2008). Natural Variation of Model Mutant Phenotypes in *Ciona intestinalis*. *PLoS ONE* 3(6): e2344. doi:10.1371/journal.pone.0002344
- De Rosa, L., Antonini, D., Ferone, G., Russo, M.T., Yu, P. B., Han, R. and Missero, C. (2009). p63 suppresses non-epidermal gene expression by direct regulation of BMP/Smad signaling. *J Biol Chem*. 284 30574-82.
- Antonini, D., Russo, M.T., De Rosa, L., Gorrese, M., Del Vecchio, L., and Missero, C. (2010). Transcriptional repression of miR-34 family contributes to p63-mediated cell cycle progression in epidermal cells. *J. Invest. Dermatol.* 130(5):1249-57.
- Russo, M.T., Racioppi, C., Zanetti, L., Ristoratore, F. (2014). Expression of a single prominin homolog in the embryo of the model chordate *Ciona intestinalis*. *Gene Expr Patterns* 15:38-45.
- Sabatino, V.\*, Russo, M.T.\*, Patil, S., d'Ippolito, G., Fontana, A. and Ferrante, M.I. (2015). Establishment of genetic transformation in the sexually reproducing diatoms *Pseudo-nitzschia multistriata* and *Pseudo-nitzschia arenysensis* and inheritance of the transgene. *Mar Biotechnol (NY)* 17:452-62 \*Equal contribution
- Russo, M.T., Annunziata, R., Sanges, R., Ferrante, M.I., and Falciatore, A. (2015). The upstream regulatory sequence of the *Phaeodactylum tricornutum* Lhcf2 gene can enhance transcription in an orientation- and distance-independent fashion. doi:10.1016/j.margen.2015.06.010.