

Filomena Ristoratore

Born in Torre del Greco (Na), Italy on 15/04/1965

Tel.: +39 081 5833251

Fax: +39 081 7641355

e-mail: filomena.ristoratore@szn.it

Current Position: ricercatore III° livello, Scientist

Current Affiliation:

Section Biology and Evolution of Marine Organisms, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Studies of Naples "Federico II"	Master (Laurea)	1983-1988	Biological sciences
International Institute of Genetics and Biophysics of Napoli	Fellowship	1989-1992	Ultrastructures of nematode <i>C. elegans</i>
Stazione Zoologica Anton Dohrn, Naples, Italy	Ph.D.	1992-1997	Molecular Developmental Biology of ascidians.
"Laboratoire di Genetique des Poissons". INRA, Jouy-en- Josas, France	Postdoc	1997-2000	Molecular Developmental Biology of Medaka fish (<i>Orizyas latipes</i>)
Stazione Zoologica Anton Dohrn, Napoli, Italy	Ricercatore	2000- present	Molecular developmental biology and molecular neurobiology.

Other

Co-organizer of the "VII International Tunicate Meeting" in Napoli, 22-26 July 2013.

Local coordinator - participant two Italian funded projects.

Students' Supervision

PhD supervisor of 4 Ph.D. students (dir. of studies), 2 Postdoctoral researchers (past and present) and several master thesis.

Publications

Author of 25 publications on ISI-journals (h index: 12)

List of publications of the last 10 years (2005-present):

Peer-reviewed publications:

- Zanetti L, Ristoratore F, Francone M, Piscopo S, Brown ER (2007). Primary cultures of nervous system cells from the larva of the ascidian *Ciona intestinalis*. *J Neurosci Methods*. 165, 191-197.
- Sordino P, Andreakis N, Brown E, Leccia N, Squarzoni P, Tarallo R, Alfano C, Caputi L, D'Ambrosio P, Daniele P, D'Aniello E, D'Aniello S, Maiella S, Miraglia V, Russo M, 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* 4;3(6):e2344.
- Locascio A, Ristoratore F, Spagnuolo A, Zanetti L and Branno M (2009) Genetic perspectives on the ascidian nervous system. *ISJ (Invertebrate Survival Journal)* 6: S35-S45.
- Squarzoni P, Parveen F, Zanetti L, Ristoratore F, Spagnuolo A. (2011). FGF/MAPK/Ets signaling renders pigment cell precursors competent to respond to Wnt signal by directly controlling *Ci-Tcf* transcription. *Development*. 138, 1421-1432.
- Esposito R, D'Aniello S, Squarzoni P, Pezzotti M R, Ristoratore F, Spagnuolo A. (2012). New Insights into the Evolution of Metazoan Tyrosinase Gene Family. *Plos one* 7, 4: e35731
- Sorrenti G, Bagnoli A, Miraglia V, Crocetta F, Vitiello V, Ristoratore F, Cirino P, Sansone G, Sordino P. (2014) Investigating sperm cryopreservation in a model tunicate, *Ciona intestinalis* sp. A. *Cryobiology*. pii: S0011-2240(13)00423-9. doi: 10.1016/j.cryobiol.2013.11.005
- Russo MT, 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*. 2014 May;15(1):38-45. doi: 10.1016/j.gep.2014.04.001
- Racioppi C., Kamal A. K., Razy-Krajka F., Gambardella G., Zanetti L., di Bernardo D., Sanges R., Christiaen A. L. & Ristoratore F. (2014) Fibroblast growth factor signalling controls nervous system patterning and pigment cell formation in *Ciona intestinalis*. *Nature Communications*, 5:4830;| DOI: 10.1038.
- Stolfi A., Lowe K E., Racioppi C, Ristoratore F., Brown C T, Swalla J B, Christiaen L (2014) Divergent mechanisms regulate conserved cardiopharyngeal development and gene expression in distantly related ascidians. *eLife* 2014;3:e03728. DOI: 10.7554
- Crocetta F, Marino R, Cirino P, Macina A, Staiano L, Esposito R, Pezzotti MR, Racioppi C, Toscano F, De Felice E, Locascio A, Ristoratore F, Spagnuolo A, Zanetti L, Branno M, Sordino P. (2015) Mutation studies in ascidians: a review. *Genesis*. DOI: 10.1002/dvg.22837
- Esposito R, Racioppi C, Pezzotti MR, Branno M, Locascio A, Ristoratore F, Spagnuolo A (2015) The ascidian pigmented sensory organs: structures and developmental programs. *Genesis*. DOI: 10.1002/dvg.22836.