



Enrico D'Aniello

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About me:

WORK EXPERIENCE

01/11/2019 – CURRENT Naples, Italy

RESEARCHER PERMANENT POSITION STAZIONE ZOOLOGICA, ANTON DOHRN

Research Activity:

Epigenetic and Developmental Biology

- Role of DNA methylation and effects of emerging contaminants during *Mytilus galloprovincialis* embryogenesis
- Role of Retinoic Acid during cardiomyocytes specification during *Ciona robusta* development
- Unraveling the Evolution and Function of the Retinoic Acid Signaling in the Mollusk *Mytilus galloprovincialis*
- Isolation of secondary metabolites from *Halophila stipulacea* and exploring their potential antifouling activity using *Mytilus galloprovincialis* and *Ciona robusta* as macrofouler species.

01/09/2017 – 31/10/2019 Naples, Italy

RESEARCHER TENURE-TRACK STAZIONE ZOOLOGICA ANTON DOHRN

Research Activity:

- Role of DNA methylation during *Mytilus galloprovincialis* embryogenesis and study of epigenetic alterations after experimental exposure to specific emerging contaminants.

02/03/2015 – 31/08/2017 Pozzuoli (Naples), Italy

POSTDOC INSTITUTE OF CHEMICAL BIOCHEMISTRY (CONSIGLIO NAZIONALE DELLE RICERCHE)

Research Activity:

- Studies on natural compounds isolated from the alga *Caulerpa cylindracea* and the sponge *Dyacarnus erythraenus* and their activities on Nuclear Receptors: Peroxisome Proliferator-Activated Receptors (PPARs), Retinoic Acid Receptors (RARs) and Retinoid X Receptors (RXRs).
- Studies on the role of Phytocannabinoids isolated from the plant *Cannabis sativa* on the activation of PPARs.
- Toxicological screening of Phytocannabinoids on zebrafish embryos.

Supervisors: Dr. Alessia Ligresti, Dr. Marianna Carbone, (Dr. Vincenzo Di Marzo, Dr. Ernesto Mollo)

24/10/2010 – 20/12/2013 Cincinnati, United States

POSTDOC CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER

Research Activity:

- Characterization of the role of Retinoic Acid (a derivate of Vitamin A) and its receptors on cardiomyocytes specification and heart formation during zebrafish embryogenesis

Supervisor: Prof. Joshua S Waxman

Address Cincinnati, OHIO, United States

01/04/2009 – 15/09/2010 Naples, Italy

VOLUNTEER POSTDOC STAZIONE ZOOLOGICA, ANTON DOHRN.

Research Activity:

- Study of molecular mechanisms responsible for photosensitive organ development in *Ciona robusta*

Supervisor: Dr. Margherita Branno
Address Napoli, Italy

01/06/2006 – 01/11/2006 Naples, Italy

RESEARCH FELLOW STAZIONE ZOOLOGICA ANTON DOHRN

Research Activity:

- Studies of synaptic plasticity in *Ciona robusta*.

Supervisor: Dr. Euan Brown

Address Napoli, Italy

● **EDUCATION AND TRAINING**

06/08/2018 – 06/08/2024

ABILITAZIONE A PROFESSORE DI II FASCIA SSD BIO 06

Field of study Comparative Anatomy and Cytology

01/07/2006 – 29/07/2009 Italy

PHD Open University of London, London -Stazione Zoologica Anton Dohrn, Napoli

Thesis:

Studies on Rx Gene Function and its Involvement in *Ciona intestinalis* Ocellus Differentiation

Internal Supervisor: Dr. Margherita Branno (Stazione Zoologica Anton Dohrn), Naples

External Supervisor: Prof. Steve Wilson (University College of London), London

Address Italy

24/03/2006 Caserta, Italy

MASTER IN FERTILITY AND PRENATAL DIAGNOSIS Second University of Naples Federico II

Thesis: Role of Inhibin B in fertile and infertile men.

Internal Supervisor: Prof. Alessandra Morescalchi

Vote: 110/110

Address Caserta, Italy

15/12/2004 Naples, Italy

MASTER DEGREE IN BIOLOGICAL SCIENCE University of Naples Federico II and Stazione Zoologica Anton Dohrn

Thesis: Studio della cascata regolativa del gene Rx in *Ciona intestinalis*

Internal Supervisor: Prof. Francesco Aniello

External Supervisor: Dr. Margherita Branno

Vote 109/110

Address Naples, Italy

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
INGLESE	C2	C2	C1	C1	C1
SPAGNOLO	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ADDITIONAL INFORMATION

PUBLICATIONS

Scientific Productivity to 30-11-2022 (Google Scholar)

Author of 28 publications
Citations=872
H index=17
i10-index=18

FISH for All: A Fast and Efficient Fluorescent In situ Hybridization (FISH) Protocol for Marine Embryos and Larvae

– 2022

Paganos P, Caccavale F, La Vecchia C, **D'Aniello E**, D'Aniello S, Arnone MI

Journal: *Frontiers in Physiology*

[doi: 10.3389/fp](https://doi.org/10.3389/fp)

Evolutionary History of DNA Methylation Related Genes in Bivalvia: New Insights From *Mytilus galloprovincialis*

– 2021

Gerdol M, La Vecchia C, Strazzullo M, De Luca P, Gorbi S, Regoli F, Pallavicini A and **D'Aniello E**.

Journal: *Frontiers in Ecology and Evolution*

doi: 10.3389/fevo.2021.698561

Natural organic matter controls metal speciation and toxicity for marine organisms: a review – 2021

Pontoni L, La Vecchia C, Boguta P, Sirakov M, **D'Aniello E**, Fabbicino M and Locascio A

Journal: *Environmental Chemistry Letter*

doi.org/10.1007/s10311-021-01310-y

Comparative neurobiology of biogenic amines in animal models in deuterostomes. – 2020

D'Aniello E[#], Paganos P, Anishchenko E, D'Aniello S, Arnone MI[#].

Journal: *Frontiers in Ecology and Evolution. In Press*

[#] co-corresponding authors

10.3389/fevo.2020.587036

Rimbp, a new marker for the Nervous System of the Tunicate *Ciona robusta*. – 2020

Coppola U, Olivo P, **D'Aniello E**, Johnson CJ, Stolfi A, Ristoratore F.

Journal: *Genes*

doi:10.3390/genes11091006

Transphyletic conservation of nitric oxide synthase regulation in cephalochordates and tunicates. – 2020

Caccavale F, Coppola U, Vassalli QA, La Vecchia C, Palumbo A, **D'Aniello E**, Locascio A, Ristoratore F, D'Aniello S.

Journal: *Development Genes and Evolution*

doi.org/10.1007/s00427-020-00668-3

In Silico identification and experimental validation of Muqubilin, a norterpene peroxide... – 2019

D'Aniello E, Iannotti FA, Falkenberg LG, Martella A, Gentile A, De Maio F, Ciavatta ML, Gavagnin M, Waxman JS, Di Marzo V, Amodeo P, Vitale RM.

Journal: *Marine Drugs*

doi:10.3390/md17020110

Identification and characterization of phytocannabinoids as novel dual PPAR α / γ agonists by... – 2019

D'Aniello E, Fellous T, Iannotti FA, Gentile A, Allarà M, Balestrieri F, Gray R, Amodeo P, Vitale RM, Di Marzo V.

Journal: *Biochimica et Biophysica, General subject*

doi.org/10.1016/j.bbagen.2019.01.002

N-Oleoyl-glycine reduces nicotine reward and withdrawal in mice. – 2019

Donvito G, Piscitelli F, Muldoon P, Jackson A, Vitale RM, **D'Aniello E**, Giordano C, Ignatowska-Jankowska BM, Mustafa MA, Guida F, Petrie GN, Parker L, Smoum R, Sim-Selley L, Maione S, Lichtman AH, Dmaj MI, Di Marzo V and Mechoulam R.

Journal: *Neuropharmacology*.

Fishing for Targets of Alien Metabolites: A Novel Peroxisome Proliferator-Activated Receptor (PPAR) Agonist from a Marine Pest

– 2018

Vitale RM*, **D'Aniello E***, Gorbi S*, Martella A, Silvestri C, Giuliani ME, Fellous T, Gentile A, Carbone M, Cutignano A, Grauso L, Migliozi L, Polese G, D'Aniello B, Defranoux F, Feline S, Terlizzi A, Calignano A, Regoli F, Di marzo V, Amodeo P, Mollo E.

Journal: Marine Drugs

*co-first authors

doi: 10.3390/md16110431.

Palmitoylethanolamide induces microglia changes associated with increased migration and phagocytic activity: involvement of the CB2 receptor

– 2017

Guida F, Luongo L., Boccella S., Giordano ME, Romano R, Bellini G, Manzo I, Furiano A, Rizzo A, Imperatore R, Iannotti FA, **D'Aniello E**, Piscitelli F, Rossi F, Cristino L, Di Marzo V, de Novellis V and Maione S.

Journal: Scientific Report.

DOI:10.1038/s41598-017-00342-1

Rdh10a Provides a Conserved Critical Step in the Synthesis of Retinoic Acid during Zebrafish Embryogenesis

– 2015

D'Aniello E, Ravisankar P and Waxman JS.

Journal: PLoS One

DOI:10.1371/journal.pone.0138588

Excessive feedback of Cyp26a1 promotes cell non-autonomous loss of retinoic acid signaling. – 2015

Rydeen A, Voisin N, **D'Aniello E**, Ravisankar P, Devignes CS and Waxman JS.

Journal: Developmental Biology

doi.org/10.1016/j.ydbio.2015.06.008

Input overload: contributions of retinoic acid signaling feedback mechanisms to heart... – 2015

D'Aniello E and Waxman JS.

Journal: Developmental Dynamics

DOI: 10.1002/DVDY.24232

Tcf7l1 proteins cell autonomously restrict cardiomyocyte and promote endothelial specification... –

2013

Sorrell M, Dohn T, **D'Aniello E** and Waxman JS.

Journal: Developmental Biology

doi.org/10.1016/j.ydbio.2013.05.016

Depletion of Retinoic Acid Receptors Initiates a Novel Positive Feedback Mechanism that Promotes Teratogenic Increases in Retinoic Acid

– 2013

D'Aniello E, Rydeen A, Anderson J, Mandal A and Waxman JS.

Journal: PLoS Genetics

doi:10.1371/journal.pgen.1003689

Evolution of anterior Hox regulatory elements among chordates. – 2011

Natale A, Chiusano ML, Amoroso A, **D'Aniello E**, Fucci L, Krumlauf R, Branno M and Locascio A.

Journal: BMC Evolutionary Biology

doi.org/10.1186/1471-2148-11-330

Onecut is a direct-specific transcriptional activator of Rx in *Ciona intestinalis*. – 2011

D'Aniello E[#], Pezzotti MR, Locascio A and Branno M.[#] (2011)

Journal: Developmental Biology

[#] co-corresponding authors

doi:10.1016/j.ydbio.2011.05.584

Evidence for the involvement of D-aspartic acid in learning and memory of rat. – 2010

Topo E, Soricelli A, Di Maio A, **D'Aniello E**, Di Fiore MM and D'Aniello A (

Journal: Amino Acids

DL-Aspartic acid administration improves semen quality in rabbit bucks. – 2010

Macchia G, Topo E, Mangano N, **D'Aniello E** and Boni R.

Journal: Animal Reproduction Science

doi:10.1016/j.anireprosci.2009.07.009

Two neuron cluster in the stem of postembryonic zebrafish brain specifically express relaxin-3... – 20

08

Donizetti A, Grossi M, Pariante P, **D'Aniello E**, Izzo G, Minucci S and Aniello F.

Journal: Developmental Dynamics

doi: 10.1002/dvdy.21786.

Natural variation of model mutant phenotypes in *Ciona intestinalis*. – 2008

Sordino P, Andreakis N, Brown E R, Leccia NI, Squarzonni P, Tarallo R, Alfano C, Caputi L, D'Ambrosio P, Daniele P, **D'Aniello E**, D'Aniello S, Maiella S, Miraglia V, Russo MT, Sorrenti G, Branno M, Cariello L, Cirino P, Locascio A, Spagnuolo A, Zanetti L and Ristatore F.

Journal: PLoS ONE

doi:10.1371/journal.pone.0002344

Reproductive implication of D-aspartic in human pre-ovulatory follicular fluid – 2007

D'Aniello G, Grieco N, Di Filippo MA, Cappiello F, Topo E, **D'Aniello E** and Ronsini S.

Journal: Human Reproduction.

doi:10.1093/humrep/dem3

The Ascidian homolog of the Vertebrate Rx gene is essential for ocellus development and function. –

2006

D'Aniello S, **D'Aniello E**, Locascio A, Memoli A, Corrado M, Russo MT, Aniello F, Fucci L, Brown ER and Branno M.

Journal: Differentiation

DOI: 10.1111/j.1432-0436.2006.00071.x

D-aspartic acid in the nervous system of *Aplysia limacina*: possible role in neurotransmission. – 2006

Spinelli P, Brown ER, Ferrandino G, Branno M, Montarolo PG, **D'Aniello E**, Rastogi RK, D'Aniello B, Baccari GC, Fisher G, and D'Aniello Journal: Journal of Cellular Physiology

DOI: 10.1002/jcp.20513

Amino acids and transaminases activity in ventricular CSF and in brain of normal and Alzheimer patients

– 2005

D'Aniello A, Fisher G, Migliaccio N, Cammisà G, **D'Aniello E** and Spinelli P

Journal: Neuroscience Letters

DOI: [10.1016/j.neulet.2005.06.030](https://doi.org/10.1016/j.neulet.2005.06.030)

The Suitability of Fishes as Models for Studying Appetitive Behavior in Vertebrates. – 2018

Mollo E, Amodeo P, **D'Aniello E**, Defranoux F, Marino A, D'Angelo L, Ghiselin MT. (2018)

Book Chapter: Marine Organisms as Model Systems in Biology and Medicine.

doi.org/10.1007/978-3-319-92486-1_19

Methods for total determination of D-aspartic acid, D-glutamic acid and N-methyl-D-aspartic acid and for the specific determination of D-aspartic acid

– 2007

Spinelli P, **D'Aniello E**, Topo E, Ferrandino G, Pulzella P, Pollio T, Di Maio A, Fisher G and D'Aniello A.

Book Chapter: D-Amino Acids: A New Frontier in Amino Acid and Protein Research

ISBN1-60021-075-9

HONOURS AND AWARDS

05/2013

Travel award for oral presentation – Weinstein Cardiovascular Development Conference, Tucson, (Arizona-USA).

04/2013

Poster Prize – Retreat of Cincinnati Children's Hospital, Developmental Biology Department, Oxford, (Ohio, USA).

07/2010

Postdoctoral Fellow Position – NIH Visiting Program in Bethesda (Maryland-USA)

OUTREACH

Lecture for High School or University students

- 12/2021 Dissemination activity for the student of Liceo Classico Emanuele II Garibaldi (SZN-Napoli)
- 30/11/2018 Dissemination activity for the developmental biology course at the University of Napoli
- 20/03/2017 Dissemination activity at the Institute of Biomolecular Chemistry in Pozzuoli (NA) for high school students of Giugliano. Title: Zebrafish as a model system for studying human disease.
- 01/04/2016 Dissemination activity at the Institute of Biomolecular Chemistry in Pozzuoli (NA) for high school students of Vairano Patenora-Scalo (CE). Title: Zebrafish as a model system for studying human disease.
- 10/10/2007 Lecture at the University of Naples Federico II for students of a biotechnology master. Title: *Ciona intestinalis* a model system for transgenic studies.

ACTIVITY

Construction of a fish facility Zebrafish

2015-2016: Based on the experience I gained using zebrafish as model system during my postdoc at the Cincinnati Children's Hospital I built a zebrafish facility at the Institute of Biomolecular Chemistry together with Dr. Ernesto Mollo.

Authorization from Italian Health Minister (n. 20/2016-UT del 12-12-2016)

TUTORING ACTIVITY

PhD Student, Undergraduate Students and Research Fellows

Current Collaborators of the Lab:

Postdoc: Claudia La Vecchia

PhD Student: Federica Salatiello

Research Fellow: Arianna Carannante

Undergraduate student: Antonio Morgillo

Past Students SZN:

PhD Student: Claudia La Vecchia

Undergraduate student: Antonella Mugione

Undergraduate student: Maria Strazzullo

Past student at the Institute of Biomolecular Chemistry

Undergraduate student: Francesca Balestrieri

Research Fellow: Alessandra Gentile

Past student trained when I was as a postdoc at Cincinnati Children's Hospital and PhD-Postdoc at the Stazione Zoologica

6 undergraduate student

AWARDED NATIONAL AND INTERNATIONAL GRANT AND PROJECT

2015 – 2016

Project from GW Pharmaceuticals (UK)

Costruzione di una facility per allevamento e sperimentazione dell'organismo modello zebrafish

Awarded: 10.000 £ Study Code: GWCRI15107.

Result: Funded

2015 – 2016

Project from GW pharmaceuticals (UK)

In silico protein target fishing di derivati acidi e idrossilati di fitocannabinoidi e relativa convalida sperimentale

mediante saggi in vitro". Finanziamento: 25.000 £, Study Code: GWCRI1583.

Role: Collaborator

Result: Funded

2016 - 2017

Project from GW pharmaceuticals (UK)

High Throughput Screening of Phytocannabinoid Drugs in Rare Orphan Disease: The case of Duchenne Muscular Dystrophy". Finanziamento: 20.000 £ Study code:GWCRI15107
Result: Funded

2018

PhD Project internal call

Epigenetic alterations in the mollusc *Mytilus galloprovincialis* after experimental exposure to specific emerging contaminants
Co-Supervisor with Prof. Francesco Regoli from the Polytechnic University of Marche
Result: Funded

2020

SZN call for project proposal CRIMAC

Turning threats into profit: can biomolecules from invasive *HALophila stipulacea* seagrass help Thwarting marine FOULING?
Role: Coordinator
Result: Funded (50.000 €)

2021

SZN PhD Project internal call

Unraveling the Evolution and Function of the Retinoic Acid Signaling in the Mollusk *Mytilus galloprovincialis*
Role: Co-Supervisor with Prof. Marco Gerdol from the University of Trieste
Result: Funded

SCIENTIFIC COLLABORATORS

National and International

- Prof. Alberto Pallavicini, University of Trieste, Trieste. (SZN Associate), Epigenetic and Evolutionary Biology of Bivalvia.
- Prof. Lionel Christiaen, Director of the SARS International Centre for Marine Molecular Biology, Bergen, Norway. Role of Retinoic acid in cardiomyocytes specification in *Ciona robusta*
- Prof. Joshua Waxman, Cincinnati Children's Hospital, Cincinnati, OHIO, USA, Evolutionary conservation of cardiac outflow tract.
- Prof. Marco Gerdol, University of Trieste, Trieste. Evolutionary Biology of Bivalvia and RA signaling in *Mytilus galloprovincialis*
- Prof. Francesco Regoli, Polytechnic University of Marche, Ancona, Italy. Effects of emerging contaminants during *M. galloprovincialis* development.
- Prof. Stefania Gorbi, Polytechnic University of Marche, Ancona, Italy. Effects of emerging contaminants during *M. galloprovincialis* development.
- Dr. Maria Ina Arnone (SZN), Evolution of neurotransmitters in Deuterostome.
- Dr. Filomena Ristatore (SZN) CRISPR-Cas9 in *Ciona robusta*.
- Dr. Francesco Ferraro (SZN), Golgi organization during *Ciona robusta* development.
- Dr. Salvatore D'Aniello (SZN) Nitric oxide synthase in *M. galloprovincialis*.
- Dr. Rosa Maria Vitale, Institute of Biomolecular Chemistry, Pozzuoli (NA), Italy. Nuclear Receptors in Marine invertebrates.
- Dr. Ernesto Mollo, Institute of Biomolecular Chemistry, Pozzuoli (NA), Italy. Isolation of marine bioactive compounds with antifouling activity.

SZN INSTITUTE ACTIVITIES

2018

2018 PON Prima: Ricerca e Innovazione

Reference person for the objective n.7

2018 - 2021

2018 to 2021 Commission for Research Fellow

Member of commission for 4 fellow selections at SZN.
Attached H1, H2, H3, H4

2021 and 2022 Member of Commission for Tender

Interested instruments:

2 Real-time qPCR machines

1 Axio Zoom Fluorescent Microscope

2020 and 2021 Open University Inspector (QAA Quality Code)

Nominated as Open University Inspector at the SZN for the control of supervision meetings notes of PhD student

2021

Examination Panel Chair

PhD student: Vincenzo Donnarumma

2022

Examination Panel Chair

PhD Student: Maria Consiglio Esposito

PARTICIPATION TO SCIENTIFIC MEETING

2006 – 2022

Poster or Oral Communication

(2022) 2st Epigenetic in Marine Biology Meeting, Woods Hole Boston ,October 2022. **Oral Presentation**

(2022) Euro EVO DEVO Meeting, Napoli, Italy, June 2022. **Poster**

(2020) 1st Epigenetic in Marine Biology Meeting, Montpellier, October 2020. **Poster**

(2020) 1st Marine Evolution Italian Congress, November 2020. **Poster**

(2019) Evolution and Development of Echinoderm Network Meeting: October 11-13 Procida (Italy). **Oral Communication**

(2017) 4th Convegno -Istituto di Chimica Biomolecolare CNR, Pozzuoli, (Napoli) Italia. **Poster**

(2017) Zebrafish as animal model for drug discovery and toxicology: Much more than a "tool".

Università degli Studi di Napoli Federico II. (Biotecnologie)

(2017) 1th Italian Zebrafish Meeting, Padova (Italia) **Poster**

(2016). 12th International Conference on Zebrafish Development and Genetics, Orlando (USA)

(2013) Cincinnati Children's Heart Institute Research Retreat, Cincinnati (Ohio-USA). **Poster.**

(2013) Postdoc Symposium Program. Cincinnati Children's Hospital, Cincinnati (Ohio-USA). **Poster.**

(2013) Weinstein Cardiovascular Development Conference, Tucson (Arizona-USA). **Oral communication.**

(2013) Southeast Society of Developmental Biology Meeting, Cincinnati (Cincinnati-USA). **Poster.**

(2012) International Conference on Zebrafish Developmental and Genetics, Madison (Wisconsin-USA). **Poster.**

(2012) Annual Midwest Developmental Biology Meeting, Cincinnati (Ohio-USA). **Poster.**

(2012) Weinstein Cardiovascular Development Conference, Chicago (Illinois-USA). **Poster.**

(2012) Cincinnati Children's Heart Institute Research Retreat, Cincinnati (Ohio-USA). **Poster.**

(2009) EMBO Workshop: Evo-Devo Meets Marine Ecology, Sant'Angelo d'Ischia, Naples (Italy) **Poster.**

(2009) The 5th International Tunicate Meeting, Okinawa (Japan) **Poster.**

(2008) ICREA Conference on the Origin and Early Evolution of Metazoan, Barcellona (Spain) **Poster.**

(2008) Frontiers in Developmental Biology, Giens (France) **Poster.**

(2008) Marine Genomics Final Assemble, Faro (Portugal) **Poster.**

(2006) 4th International Tunicate Meeting, Villefranche sur Mer (France) **Poster.**

(2007). The Marine Genomics "An international conference", Sorrento (Italy). **Oral communication.**

(2006). 5th Forum of European Neuroscience, Wien (Austria) **Poster.**

(2006) MGE Cross Node Workshop: Evolving Gene Networks, Roscoff (France). **Oral Communication.**

(2006) Meeting of Italian Ascidian Community: Prospective of the research on Ascidians in Italy, Naples (Italy). **Poster.**

(2006) New Year Genboree in Naples, Genome Annotation Strategies with special reference to *Strongylocentrotus purpuratus*. Naples (Italy).

PARTECIPATION TO COURSE AND WORKSHOP

List

06/2021 Stazione Zoologica Anton Dohrn
Formazione obbligatoria anticorruzione e trasparenza

28/9/2015–3/10/2015
Istituto di Chimica Biomolecolare, CNR, Pozzuoli, NA (Italia) IBRO-Kemali School:
"Cannabinoid function in synapses, circuits and brain: from molecules to disease mechanisms"

9/10/2009–11/10/2009 EMBO Workshop: Evo-Devo Meets Marine Ecology
Sant'Angelo d'Ischia, Napoli.

23/6/2008–27/6/2008 European Molecular Biology Laboratory, Heidelberg (Germania)
MoE MGE joint EMBL/Sigma qPCR practical course.

2/7/2007–13/7/2007 Stazione Zoologica Anton Dohrn, Napoli (Italia)
Summer Course: Evo-Devo meets Marine Genomics: Comparative Functional analysis of gene regulatory networks in marine species.

14/3/2006–15/3/2006 CEINGE, Napoli (Italia)
Zeiss Course: Applicazione di microscopia avanzata e analisi di immagini.

16/1/2006–20/1/2006
Stazione Zoologica Anton Dohrn, Napoli, Italia.
Workshop: New Year Genboree in Naples, Genome Annotation Strategies with special reference to *Strongylocentrotus purpuratus*.

MEETING ORGANIZATION AND SCIENTIFIC SOCIETY MEMBER

2021 – CURRENT

Organising Committee member of the 2st Epigenetic in Marine Biology Meeting (USA 2022).

Organizing Committee

2021

Member of the Italian Society of Evolutionary Biology (2021)

2011 – 2012

Member of the American Heart Association (2011-2012)

2013 – 2014

Member of the Italian Society of Biochemistry and Molecular Biology (2013-2014)

2009

EMBO Workshop: Evo-devo Meets Marine Ecology, Sant'Angelo d'Ischia, Napoli. (2009)

Organization Support

2009

Evo-Devo meets marine Genomics: comparative functional analysis of gene regulatory network in marine species: Stazione Zoologica Anton Dohrn, Napoli.

Organization Support
(Attached G3)

EDITORIAL ACTIVITIES

Reviewer and Editorial activities

- (2021-2022) Special Issue Editor in Marine Drugs, MDPI: Identification and Characterization of Marine Natural Compounds Targeting Nuclear, Ionotropic, or Metabotropic Receptors
- (2020-ongoing) Reviewer Editor: Frontiers in Physiology.
- (2018-ongoing) Reviewer Editor: International Journal of Molecular Science (2018-2020), MDPI
- (ongoing) Reviewer activities for many peer-reviewed journals

AUTOCERTIFICAZIONE

Autocertificazione

"A conoscenza di quanto prescritto agli art. 46 e seguenti del D.P.R. 28 dicembre 2000 n. 445, sulla responsabilità penale cui può andare incontro in caso di falsità in atti e di dichiarazioni mendaci, nonché di quanto prescritto dall'art. 76 del D.P.R. 28 dicembre 2000 n. 445, sulla decadenza dai benefici eventualmente conseguenti al provvedimento emanato sulla base di dichiarazioni non veritiere, ai sensi e per gli effetti del citato D.P.R. n. 445/2000 art 46, e sotto la propria personale responsabilità, dichiaro che tutte le informazioni contenute nel mio curriculum vitae sono veritiere. Presto consenso all'utilizzo dei dati personali ai sensi del Decreto legislativo 196/2003 e s.m.i.