

Curriculum Vitae

Cristiano Angelini - born in La Spezia on 06/23/1967

Qualifications:

1986: High School Diploma in Science at the Scientific High School "G. Marconi" - Chiavari (Genoa).

1993: Degree in Biological Sciences at the University of Genoa discussing an experimental thesis entitled: "Role of homeoproteins in differentiation"

2004: Winner of the competitive examination for the coverage of n. 1 position of University Researcher at the University of Genoa, Faculty of Mathematical, Physical and Natural Sciences, scientific sector - disciplinary BIO / 06 COMPARATIVE ANATOMY AND CYTOLOGY - D.R. n. 345 of 11.03.2004, published in the Official Journal no. 24, IV special series, of 26.03.2004.

2007: Ph.D. in Neurochemistry and Neurobiology, discussing the thesis entitled: "Functionality and modulation of neurobiologically active molecules in models of different complexity"

Scientific training:

1990-1993: graduate student at the Immunobiology laboratory, directed by Prof. Giorgio Corte, of the Scientific Institute for the study of Tumors (IST) of Genoa.

1990: certificate of participation in the course "Applications of Molecular Engineering in Biology, Pharmacology and Medicine" organized by the Advanced School of Oncology and Biomedical Sciences of Genoa held in Santa Margherita Ligure.

1992: certificate of participation in the U.S.- Italy workshop on biotechnologies in medicine: "Gene transfer, cancer immunology and immunotherapy".

1993-1994: intern at the Developmental Biology laboratory, directed by Prof. Carla Falugi, Institute of Comparative Anatomy of the University of Genoa.

1993-1994: notulist at the Institute of Comparative Anatomy, directed by Prof. A. Morescalchi, for the preparation of *Xenopus Laevis* preparations for Whole Mount and PCR investigation.

1994: certificate of participation in the "1st Advanced Course in Immunocytochemistry" held at the Institute of Normal Human

Anatomy of the Faculty of Medicine and Surgery "Federico II" in Naples.

1994-1995: collaborator at the laboratory of Developmental Biology, directed by Prof. Carla Falugi, of the Institute of Comparative Anatomy of the University of Genoa.

1996-1999: contract worker at the National Institute for Cancer Research (IST) in Genoa as part of the Primary Prevention project funded by the Liguria Region entitled: "Effects of pesticides on teratogenesis, mutagenesis and receptor-mediated carcinogenesis" carried out at the laboratory of Developmental Biology, directed by Prof. Carla Falugi, of the Institute of Comparative Anatomy of the University of Genoa.

1998: Appointment as Expert on the subject in Developmental Biology by unanimous decision of the Degree Course Council in Biological Sciences of the University of Genoa, meeting on 19/05/1998.

1998-2000: assignment received from Dr. Alessandro Cosimi, President of the Interfaculty Center of Marine Biology (CIBM) of Livorno, for "the preparation of biological tests of fertilization and embryonic development with sea urchins *P. lividus*".

Research manager: Dr. David Pellegrini.

Director: Dr. De Ranieri Stefano.

1999: Guest by invitation in the laboratory directed by Prof. Gustavo Egea of the Department of Cellular Biology and Pathological Anatomy, Faculty of Medicine, Universitat de Barcelona.

2000: member of the “Ad hoc Group for Toxicity Tests for Marine Sediments” as an expert in developmental biology and applications in marine ecotoxicology of the larval stages of the sea urchin *Paracentrotus lividus* within the UNICHIM project (see meeting minutes).

2000: scholarship from the Interuniversity Center for Biotechnology (CIB) for the cloning of the Ryanodine receptor in the sea urchin *Paracentrotus lividus*. The project was carried out at the Laboratory of Genetics and Molecular Biology of the Federico II University of Naples, directed by Prof. Giuseppe Geraci.

2000: teaching assistant at the “Advanced Workshop Sea Urchin Aquaculture” organized by the International Marine Center (IMC) of Oristano.

2001: Consultant at the National Institute for Cancer Research (IST) in Genoa for a project on “Evaluation of drugs that inhibit the enzyme farnesyl-transferase”. Term of assignment: 2 months.
Research manager: Dr. Russo Patrizia
Director: Prof. Silvio Parodi

2001: Certificate of participation in the Theoretical and Practical Course entitled “Application aspects of gene transfer” held at Villa Gualino and organized by the Foundation for Biotechnology in Turin.

2001: Appointment as contract professor for the teaching of an eight-hour teaching module (art.32) entitled “Molecular determination of embryonic development and neurogenesis” within the program of the Developmental Biology Course for the Degree Course in Biological Sciences.
Minutes of the Council of the Degree Course in Biological Sciences. of 13/12/2001.

2002: Head of the project “Functional analysis of Notch and Wnt pathways in determining carcinogenesis processes” funded by the University of Genoa as part of the project funding program for individuals and/or young researchers.

2002-2003: Research grant holder at the University of Calabria within the MeMoBiomar project funded by the Ministry of Merchant Marine.

2003: Scholarship winner for the PhD in Experimental, Molecular and Clinical Biology and Medicine.-Address: Neurochemistry and Neurobiology.

Coordinator: Prof. Mauro Vallarino

2003-2004: Contractor within the project funded by the European Community QLK4-CT-2002-02264-SENS-PESTI carried out at the Laboratory of Experimental Embryology and Cytotoxicology. Project Coordinator: Prof. Carla Falugi.

2004: Appointment of Contract Professor for the carrying out of a teaching module (art.32) lasting 40 (forty) hours entitled “Experimental Embryology” within the fifth year of the Degree Course in Biological Sciences.

2004: Winner of the competitive examination for the coverage of n. 1 position of University Researcher at the University of Genoa, Faculty of Mathematical, Physical and Natural Sciences, scientific-disciplinary sector BIO/06 COMPARATIVE ANATOMY AND CYTOLOGY - D.R. n. 345 of 11.03.2004, published in the Official Journal n. 24, IV special series, of 26.03.2004.

2006: Permanent researcher at the Department of Biology (Scientific-disciplinary area BIO/06), Faculty of Mathematics, Physics and Natural Sciences of the University of Genoa.

2007: Ph.D. in Neurochemistry and Neurobiology discussing the thesis entitled: “Functionality and modulation of neurobiologically active molecules in models of different complexity”

2018: Permanent researcher at the Department of Educational Science (DISFOR) for the scientific-disciplinary area BIO/06 of the University of Genoa

2004-2022: Teacher of the following courses

Experimental Embryology - Degree Course in Biological Sciences - University of Genoa

Molecular and Cellular Technologies Module - Degree Course in Biological Sciences - University of Genoa

Developmental Biology Module and Laboratory and Laboratory within the Course in Cellular and Developmental Biology_ Three-Year Degree Course in Biotechnology - University of Genoa

Cellular Biology Module within the Course in Cellular and Developmental Biology - Master's Degree Course in Biological Sciences

Developmental Biology II Course - Master's Degree - Degree Course in Biotechnology

Cellular Biology and Developmental Biology I Course (Developmental Biology Module) - Three-Year Degree in Biotechnology

Cellular Biology and Developmental Biology Course (Cellular Biology Module) - Master's Degree in Biological Sciences

Courses in Cellular Biology and Developmental Biology Development II (Developmental Biology Module II) - Master's Degree in Biological Sciences

Comparative Anatomy Laboratories - Bachelor's Degree in Biological Sciences

Histology Laboratories - Bachelor's Degree in Biological Sciences

Histology and Cytology Laboratory - Bachelor's Degree in Biological Sciences

Teaching of earth and life sciences - Single-Cycle Degree in
Primary Education Sciences (Department of Education Sciences) -
University of Genoa

Biology Fundamentals and Laboratories - Single-Cycle Degree in
Primary Education Sciences (Department of Education Sciences) -
University of Genoa

National and International conferences:

- 1) M. T. Corsetti, A. Daga, P. Briata, L. Sanseverino, **C. Angelini**, G. Palmisano, S. Guazzi, E. Boncinelli, G. Corte. "Production of three functional recombinant human homeoproteins." (1991) *European Journal of Cell Biology*, Supplement **35** (vol. 55), **64**.
- 2) F. Morescalchi, **C. Angelini**, G. Cimoli, C. Falugi. "Eye development is affected by cholinergic molecules". (1994) *Cell Biology International*, **18**, n° 5, 486.
- 3) **C. Angelini**, C. Falugi, G. Cimoli: "Perturbed cell signalling affects factors controlling CNS growth during chick neurogenesis". (1994) *Cell Biology International*, **18**, n° 5, 531.
- 4) G. Cimoli, **C. Angelini**, C. Falugi. "Chick limb development is affected by alteration of cholinergic receptors state". (1994) *Cell Biology International*, **18**, n°5, 512.
- 5) Morescalchi F., Falugi C., Cimoli G., **Angelini C.**, Traverso C.E. "Cholinergic molecules control eye early development" (1995) *Inv.Op.Vis Sci., Abstract Book, Annual Meeting*

6) Coniglio L., Morescalchi F., **Angelini C.**, Leonardini M., Cimoli G., Falugi C. "Cholinomimetic substances may affect inductive processes in vertebrates." (1995) *European Journal of Histochemistry*, **39**, sup. 1 pg. 49.

7) **Angelini C.**, Morescalchi F., Coniglio L., Leonardini M., Cimoli G., Falugi C. "Effects of some neuroactive compounds on vertebrate neurogenesis and early development". (1995) Abstract for the *Congress of the European Developmental Biology Organization, EDBC*, Toulouse. pg 70.

8) **Angelini C.**, Cimoli G., Coniglio L., Costa M., Morescalchi F., Falugi C., Corte G., "Espressione di EMX-1 nello sviluppo embrionale di vertebrati ed invertebrati: possibile interazione cellula- cellula e cellula-ambiente" (1995) *Atti XLI Congresso ABCD*. Sez. 1.2

9) Morescalchi F., **Angelini C.**, Coniglio L., Cimoli G., Falugi C. "Effetti di molecole colinomimetiche sullo sviluppo dell'encefalo e dell'occhio" (1996) *XLII GEI Animal Biology*, pg. 86.

10) **C. Angelini**, G. Cimoli, G. Palmisano, F. Morescalchi, L. Coniglio, M. Costa, C. Falugi. "Possible interaction between cholinergic molecules and genes expression during chick eye development" (1996) *9th Intenational Conference of the International Society of Differentiation (ISD)* n° **242**, pg. 148

11) Morescalchi F., Gandolfo E., **Angelini C.**, Coniglio L., Falugi C. "Effetto dei farmaci colinergici sullo sviluppo dell'occhio in fase embrionale" (1996) *S.O.I. 76° Congresso Nazionale*, pg. 31.

12) Coniglio L., Morale A., **Angelini C.**, Cimoli G., Russo P., Falugi C. "Biological effects of neurotoxic insecticides on sea

urchin (*Paracentrotus lividus*) development.” (1997) *International symposium on intergrated ecotoxicology from molecules/organism to ecosystems*, pg. 72.

13) Delmonte M. U., Politi H., Trielli F., **Angelini C.**, Falugi C. “Localization of cholinergic-like molecules in *Paramecium primaurelia* cells, and their possible role in conjugation” (1997) *10th International Congress of Protozoology*, pg. 70.

14) Baccetti B., Reineri T., Coniglio L., **Angelini C.**, Morale a., Pisano E., Falugi C. ”Structure and Ultrastructure of mature sperms of Antartic and Subantartic fish” (1997) European Science Fondation Network Fishes of the Antartic Ocean. Final Conference. “Evolution of the Antartic Ichthyofauna”.

15) Falugi C., Iannone R., Morale A., **Angelini C.**, Coniglio L., Corte G. “Inhibition of acetylcholinesterase activity affects primary mesechyme migration and OTX 2-like protein expression of the sea urchin, *Paracentrotus lividus*.” (1997) Abstract for the *Developmental Biology of the Sea Urchin XI, Woods Hole*.

16) Cimoli G., Arzani D., Vikanskaia F., **Angelini C.**, Falugi C., Parodi S., Russo P. “ Valutazione degli effetti cellulari e molecolari di un fitofarmaco neurotossico di classe IIa: Basudin.” (1997) In *Agribio '97, Biotecnologia applicata al settore vegetal: uno strumento per la soluzione di problemi regionali*.

17) Delmonte Corrado M. U., Politi H., **Angelini C.**, Trielli F., Falugi C. “Individuazione elettroforetica dell’attività di Acetilcolinesterasi e sviluppo della competenza sessuale i *Paramecium primaurelia* (Protista, Ciliophora).” (1997) 58° *Congresso Nazionale U.Z.I.*

18) Morale A., Coniglio L, **Angelini C.**, Iannone R., Corte G., Falugi C.

"Inhibition of acetylcholinesterase activity affects primary mesenchyme migration and morphogenesis in sea urchin" (1997) *Anim. Biology*

19) Falugi C., **Angelini C.**, Cimoli G., Iannone R., Coniglio L., Corte G. "Effetti dell'inibizione dell'Acetilcolinesterasi sulla distribuzione intracellulare di proteine immunologicamente correlate ad OTX 2" (1998). Comunicazione orale, 44° G.E.I., *Animal Biology*

20) **Angelini C.**, Cimoli G., Iannone R., Coniglio L., Corte G., Falugi C. "Cholinergic molecules may affect intracellular distribution of OTX 2-like molecules during early development of the sea urchin, *Paracentrotus lividus*." (1998) *The International Journal of Developmental Biology*, (SFBD), **42**, n° 6, 18 S

21) Coniglio L., **Angelini C.**, Pedrotti M.L., Diaspro A., Robello M., Falugi C. "Onset of a Cholinergic-like system during neurogenesis of the sea urchin, *Paracentrotus lividus*." (1998) *Fifth European Conference of Echinoderms*.

22) **Angelini C.** "Cholinergic molecules may affect intracellular distribution of OTX2 regulatory protein during early development of the sea urchin, *Paracentrotus lividus*" *IBS Day on sea urchin development*.(1998). Comunicazione orale.14th September Palermo.

23) Falugi C., Coniglio L., **Angelini C.**, Prestipino G., Harrison P., Whittaker M. "Ruolo dei recettori muscarinici presenti nelle uova di riccio di mare nel rilascio degli ioni Ca^{++} ". (1998) *XIV Congresso Società Italiana Biofisica Pura ed Applicata (SIBPA)*

24) Larganà I., Chessa M.G., **Angelini C.**, Politi H., Delmonte Corrado M.U. "Indagine elettroforetica delle proteine ed analisi dei glicoconiugati della parete cistica di *Colpoda cucullus*" (1998) 59° Congresso Nazionale U.Z.I.

25) Larganà I., Chessa M.G., Rosati G., Politi H., **Angelini C.**, Delmonte Corrado M.U. "Cytochemical and Electrophoretic Study of Resting Cyst Wall in *Colpoda variabilis*" (1998) *Journal of Eukaryotic Microbiology* 19th Annual Meeting, Italian Section Society of Protozoologist

26) Falugi C., Pernigotti R. and **Angelini C.** "Presence of molecules immunologically related to muscarinic Acetylcholine receptors in the sea urchin, *Paracentrotus lividus*, eggs and zygote" (1999) Congress of the *Developmental Biology of the sea urchin XII*. Woods Hole, MA, USA.

27) **Angelini C.**, Cimoli G., Iannone R., Corte G., Falugi C. "Association between OTX2-like molecules and α -tubulin during early development of the sea urchin, *Paracentrotus lividus*" (1999) Congress of the *Developmental Biology of the sea urchin XII*. Woods Hole, MA, USA.

28) Delmonte Corrado M.U., Politi H., Ognibene M., **Angelini C.**, Falugi C. "Localization of choline acetyltransferase-like molecules in *Paramecium primaurelia*, and possible role in conjugation" (1999) 11Th International Congress of Protozoology.

29) Baccetti B., Piomboni P., Moretti E., Gambera L., Pernigotti R., **Angelini C.**, Falugi C. "Presence of molecules immunologically related to muscarinic Acetylcholine receptors in the sea urchin, *Paracentrotus lividus*, eggs and zygote" (1999) 45° G.E.I., *Animal Biology*.

30) Delmonte Corrado M.U., Politi H., Ognibene M, **Angelini C.**, Trielli F., Ballarini P. and Falugi C. “Autonomous Synthesis of the Signal Molecule Acetylcholine in *Paramecium primaurelia* (Protista, Ciliophora) Mating-Competent Cells and Possible Function in Conjugation” (1999)

31) Delmonte Corrado M.. U., Politi H., Ognibene, M., **Angelini C.**, Falugi, C “Localizzazione e caratterizzazione di molecole immunologicamente correlate a cholin-acetiltransferasi (ChAt) nel ciclo di sviluppo di *Paramecium primaurelia*” (1999) U.Z.I.

32) Delmonte Corrado M:U., Politi H., Ognibene M., **Angelini C.**, Falugi C.”Localization of choline acetyltransferase-like molecules in *paramecium primaurelia*, and their possible role in conjugation” Santa Margherita (1999) XX Congresso S.I.P.

33) Giuliani S., **Angelini C.**, Pellegrini D., Bigongiari N “Saggio biologico con *Paracentrotus lividus*: valutazione della tossicità acuta e cronica di sedimenti marini” (2000) XX Congresso S.I.B.M..

34) **Angelini C.**, Pellegrini D. “Marine Sediment Toxicity assessmant: an applied research”. (2000) Workshop organizzato dall’Istituto Superiore di Sanità, **Comunicazione orale**.

35) Falugi C., **Angelini C.**, Tagliafierro G. F. “Molecole segnale nella morfogenesi di tre diverse specie di invertebrati marini” (2000) 46° Convegno G.E.I. (Milano)

36) Falugi C., **Angelini C.**, Passalacqua M., Tagliafierro G.F. “Ruolo dei neurotrasmettitori e glicoconiugati nel processo di

adesione al substrato di alcuni invertebrati bentonici” (2000)
U.Z.I.

37) Falugi C., Del Gaudio R., **Angelini C.**, Geraci G. “Cell calcium signalling in sea urchin zygote”(2000) *XIII Congress of the Developmental Biology of the sea urchin (DBSU)*. Woods Hole, MA, USA

38) **Angelini C.**, Del Gaudio R., Falugi C., Prestipino G., Geraci G., Pesando D. ”Calcium signalling in sea urchin eggs and zygotes”(2000) 2th *Convegno F.I.S.V.*

39) Falugi C., Baccetti B., Piomboni P., Moretti E., Pernigotti R., **Angelini C.** “Regolazione delle dinamiche ioniche intracellulari e molecole del sistema colinergico nella fecondazione e sviluppo precoce di riccio di mare *Paracentrorus lividus*” (2001) 47° *Convegno G.E.I.*

41) Trombino S., **Angelini C.**, Succi M., Tanara G., Carbone E., Russo P., Falugi C. and Motta G. “Identification of signal molecules in the neoplastic differentiation of mesothelium” (2002) 4° *Convegno FISV*

42) **Angelini C.**, Trombino S., Cimoli G., Scazzola S., Corte G., and Falugi C. “Cholinergic signal system alteration affects intracellular distribution of a protein immunologically related to OTX 2 in sea urchin early development” (2002) 4° *Convegno FISV*

43) **Angelini C.**, Trombino S., Tanara G., Carbone E., Falugi C., Succi M., Russo P., Motta G. “Molecules belonging to the cholinergic neurotransmitter system in pleural malignant mesothelioma” (2003) proceedings of the 30th national Congress

of the Italian Society of Histochemistry, *EJH*, supplement 1 (volume 47/2), pag.18; **Comunicazione orale**

44) S. Ravera, C. Falugi, **C. Angelini**, D. Calzia, I. Panfoli, I.M. Pepe, A. Morelli (2004). First cell cycle of *Paracentrotus lividus* are dramatically impaired by exposure to extremely low frequency electromagnetic fields. In: __. p. __, Riccione, 28-9-2005

45) **Angelini C**, Aluigi MG, Sgro M, Girosi L, Tagliafierro G, Gallus L, Voci A, Trombino S, Falugi C (2004). Thyroid-like effects of organophosphate pesticides on sea urchin metamorphosis. In: Endocrine Disruption. Exter, luglio 2004, p. 3

46) M. d'Amora, M. Marcoli, **C. Angelini**, A. Mandich, C. Cervetto, M. Vallarino (2010). Identification of PINK1 in the brain, eye and ear of mouse during embryonic development.. In: Abstract book. p. 106, Pecs, Ungheria, 31 agosto 2010

47) D. Monteggia,, D. Pecorino, **C. Angelini**, A. Mandich, M. Bonaldo (2016).

Food safety and animal welfare in IMTA farms: old concerns in a new scenario. 47° Congresso della Società Italiana di Biologia Marina, Torino, 13-17 giugno 2016.

48) A. Mandich, F. Maradonna, A. Reboa, **C. Angelini**, M. Bonaldo, P. Gallo, D.G. Mita, O. Carnevali (2018). Hepatic alterations in gilthead sea

breem juveniles exposed by food to mixtures of pollutants. 49° Congresso della Società Italiana di Biologia Marina, Cesenatico (FC), 4-8 giugno 2018.

Scientific papers in Extenso:

- 1) M.T. Corsetti, P. Briata, L. Sanseverino, A. Daga, I. Airoidi, A. Simeone, G. Palmisano, **C. Angelini**, E. Boncinelli and G. Corte. "Differential DNA binding properties of three human homeodomain proteins" (1992) *Nucl. Acids Res.*, **17**, 4465-4472.
- 2) Coniglio L., Morale A., **Angelini C.**, Falugi C. "Cholinergic activation of settlement in *Ciona intestinalis* metamorphosis larvae" (1998) *J.Exp.Zool.*, **280**, 314-320.
- 3) Morale A., Coniglio L., **Angelini C.**, Cimoli G., Bolla A., Aleteo D., Russo P., Falugi C. "Biological effects of a neurotoxic pesticide at low concentration on sea urchin early development. A terathogenic assay." (1998) *Chemosphere*, **37**, 3001-3010.
- 4) **Angelini C.**, Costa M., Cimoli G., Coniglio L., Morescalchi F., Falugi C. "Muscarinic drugs affect cholinesterase activity and development of eye structures during early chick development" (1998) *Eur.J.Histochem.*, **42 (4)**, 309-320.
- 5). Delmonte Corrado M. A., Politi H., Trielli F., **Angelini C.**, Falugi C. "Evidence for the presence of a mammalian-like cholinesterase in *Paramecium primaurelia* (Protista ciliophora) developmental cycle." (1999) *J.Exp.Zool.*, **283**, 102-105.
- 6) Falugi C., Baccetti B., Reineri T., Moretti E., **Angelini C.**, Pisano E., Piomboni P. "Ultrastructural analysis of the sperms of three antarctic fish species" (1999). *J.Submicr.Cytol.Pathol.* **31 (2)**, 197-202

- 7) Falugi C., Facondini L., **Angelini C.**, Pedrotti M.L. "Onset of a cholinergic-like system during neurogenesis of the sea urchin, *Paracentrotus lividus*." (1999). In : *Echinoderm Biology* (Candia Carnevali. M: ed.),197-202, A.A.Balkema, Rotterdam Ed.
- 8) Pisano E., **Angelini C.**, Mazzei F., Stanyon R "Adaptive radiation in Antarctic Notothenioid fish: studies of genomic change at chromosomal level" (2000) *Ital. J. Zool.*-Vol.**67**, Supp., 115-121.
- 9) Mathieu M., Tagliafierro G., **Angelini C.**, Vallarino M. "Organization of VIP-like immunoreactive system in the brain, olfactory organ and retina of the Zebrafish" (2001) *Brain Research*, Vol..**888** (2) 235-247.
- 10) Delmonte Corrado M.U., Politi H., Ognibene M, **Angelini C.**, Trielli F., Ballarini P. and Falugi C. "Autonomous Synthesis of the Signal Molecule Acetylcholine in *Paramecium primaurelia* (Protista, Ciliophora) Mating-Competent Cells and Possible Function in Conjugation" (2001) *J. Exp. Biol.* **204**, 1909-1923
- 11) Piomboni P., Baccetti B., Reineri T., Moretti E., **Angelini C.**, Falugi C. "Cytochemical localisation of molecules related to muscarinic acetylcholine receptors in the sea urchin, *Paracentrotus lividus*, eggs and zygote" (2001) *J. Submicr. Cytol Pathol.***33** (1)
- 12) Falugi C., **Angelini C.**, Pedrotti M.L., Raimondo M., Diaspro A., Robello M. "Visualisation of the developing cholinergic nervous system of *Paracentrotus lividus*, a sea urchin, analysed by confocal 3D imaging" (2002) *Micron* Vol **33** (3) 233-239
- 13) C. Falugi & **C. Angelini** (2002) "Sea urchin development from the egg to metamorphosis: an integrated model for cell-to-cell and environment interaction" In: *The Sea Urchin Embryo: from Basic Biology to Aquaculture*. Yokota, Matranga and Smolenicka Eds.

Swets & Zeitlinger Publishers, Lisse, the Netherlands. pp 73-93.

14) Harrison. P., Falugi C., **Angelini C.**, Withaker M. “Presence and possible role of muscarinic-like acetylcholine receptors in fertilized sea urchin eggs”(2002) *Cell Calcium* **31** (6) 289-97

15) Chessa M.G., Larganà I., Trielli F., Rosati G., Politi H., **Angelini C.**, and Corrado Del monte M. U. “Changes in the ultrastructure and glycoproteins of the cyst wall of *Colpoda cucullus* during resting encystment” (2002) *European Journal of Protistology*, **38**, 373-381

16) Pesando D., Huitorel P., Dolcini V., **Angelini C.**, Falugi C. “Biological targets of neurotoxic pesticides analysed by alteration of developmental events in the sea urchin *Paracentrotus lividus*” (2003) *Marine Environmental Research* **55**, 39-57.

17) **Angelini C.**, Amaroli A., Falugi C, Di Bella G. Matranga V. “AChE activity affected by stress conditions in *Paracentrotus lividus* coelomocytes” (2003) *Marine Biology* **143**, 623-628.

18) **Angelini C.**, Baccetti B., Piomboni P., Trombino S., Stringara S., Gallus L., Falugi C “Acetylcholine synthesis and possibile function during the early sea urchin development” (2004) .
EJH 235-243

19) **Angelini C.**, Aluigi M.G., Sgro M, Trombino S., Thielecke H., Falugi C. “Cell signalling during sea urchin development: a model for assessing toxicity of environmental contaminants.” (2004) *Echinoderms* in press , [Progress in Molecular and Subcellular Biology](#) Series: [Marine Molecular Biotechnology](#) Matranga, Valeria and Müller, Werner E.G. (Eds.)

20) S. Trombino, M. Neri, R. Puntoni, **C. Angelini**, M. Loprevite, A. Cesario, P. Granone, A. Imperatori, L. Dominioni, A. Ardizzoni, R. Filiberti, P. Russo (2005). K-Ras codon 12 mutations detected in plasma DNA is not an indicator of disease in NSCLC patients". *CLINICAL CHEMISTRY*, vol. 51, p. 1313-1314, ISSN: 1056-599X

21) M.G. Aluigi, **C. Angelini**, C. Falugi, .R. Fossa, P. Genever, L. Gallus, P.G. Layer, G. Prestipino, Z. Rakonczay, M. Sgro, H. Thielecke, S.Trombino (2005). Interaction between organophosphate compounds and cholinergic functions during development.. *CHEMICO-BIOLOGICAL INTERACTIONS*, vol. 157-158, p. 305-316, ISSN: 0009-2797

22) L. Paleari, S. Trombino, C. Falugi, L. Gallus, S. Carlone, **C. Angelini**, K. Sepcic, T. Turk, M. Faimali, D.M. Noonan, A. Albini (2006). Marine sponge-derived polymeric alkylpyridinium salts as a novel tumor chemotherapeutic targeting the cholinergic system in lung tumors.. *INTERNATIONAL JOURNAL OF ONCOLOGY*, vol. 29, p. 1381-1388, ISSN: 1019-6439

23) Ciarlo M, Bruzzzone F, **Angelini C**, Alexandre D, Anouar Y, **Vallarino M**, Vaudry H. Expression of PACAP receptors in the frog brain during development. *Ann N Y Acad Sci*. 2006 Jul;1070:201-4.

24) M. CIARLO, F. BRUZZONE, **C. ANGELINI**, M. VALLARINO, H. VAUDRY (2007). Ontogeny of PAC1-R and VPAC1-R in the frog *Rana esculenta*.. *PEPTIDES*, vol. 28, p. 1738-1745, ISSN: 0196-9781

25) M.G. ALUIGI, **C. ANGELINI**, G. CORTE, C. FALUGI (2008). The sea urchin, *Paracentrotus lividus*, embryo as a

"bioethical" model for neurodevelopmental toxicity testing :
Effects of diazinon on the intracellular distribution of OTX2-like
proteins.. *CELL BIOLOGY AND TOXICOLOGY*, vol. 24, p. 587-
601, ISSN: 0742-2091, doi: 10.1007/s10565-008-9061-2

26) Bruzzone F, Vallarino M, Berruti G, **Angelini C.** (2008).
Expression of the deubiquitinating enzyme mUBPy in the mouse
brain. *BRAIN RESEARCH*, vol. 1195, p. 56-66, ISSN: 0006-8993,
doi: 10.1016/j.brainres.2007.12.014

27) ZOVKO A., SEPCIC K., TURK T., FAIMALI M.,
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