

Alfonso Toscano

Born in Naples (Italy) on 26/07/1962

Tel.: +39 081 5833223/267

Fax: +39 081 7641355

e-mail: alfonso.toscano@szn.it

CurrentPosition: Tecnologo III° livello, Technologist

CurrentAffiliation: Section Research Infrastructures for Marine Biological Resources; Unit MaRe, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Università degli Studi di Napoli Federico II Napoli, Italy. Facoltà di Scienze Biologiche	Master (Laurea)	1981-1990	Biological Sciences
Università degli Studi di Napoli Federico II Napoli Italy c/o Stazione Zoologica Anton Dohrn di Napoli, Italy	Government examination for exercise of the profession of Biologist	1991-1992	Husbandry techniques for cephalopods maintenance
Stazione Zoologica Anton Dohrn di Napoli, Italy	Tecnologo	1994-present	Aquariology, Aquaculture, Life Support Systems

Appointments and awards

2000-2009: Head of the MaReR Service (Marine Resources for Research), Stazione Zoologica Anton Dohrn, Naples

2012-2015: Head of the Technical Office

2015- present: Technologist at Section Research Infrastructures for Marine Biological Resources; Unit MaRe, Stazione Zoologica Anton Dohrn, Naples (Italy)

Other

1989 :Stage of Aquariology at the Centre Nationale de la Mer

(Boulogne surMer, France)

1991 : Training Courseon “Coastal Benthic Systems” at the Ecologia del Benthos Laboratory (Zoological Station of Naples, Ischia)

1991: license CMAS Scuba Diver

1992 : Member of Organizing Committee of the 12° Meeting of the “European Union of Aquarium Curators” (E.U.A.C.).

1999: Workshop “Recirculation systems” Harbor Branch Oceanografic Institution Florida USA

2000: Advanced Workshop – Sea Urchin Aquaculture –Torregrande (OR) Italy

Supervisor of undergraduate students, master students and trainees

Publications

Bentivegna F., Cirino P., Toscano A., 1989 – Expériences, en aquarium, sur le comportement alimentaire de Charonia (Charonia) rubicunda (Perry, 1811) (Mollusca, Gastropoda, Cymatiidae). Bulletin de l'Istitut océanographique Monaco, n° special 5: 133-139.

Bentivegna F., Cirino P., Toscano A., 1989 – Les Astérides: proies d'élection du Gastéropode Charonia lampas lampas. Vie Marine, 10: 250.

Bentivegna F., Benedetto F., Cirino P., Toscano P., -1989 – “Schede didattiche per lo studio della fauna marina” (eds. SZN/Ministero dell' Ambiente)

G. F. Russo, G. Fasulo, A. Toscano, F. Toscano, 1990 - On the presence of triton species (Charonia spp.) (Mollusca Gastropoda) in the Mediterranean sea: ecological considerations. Boll. Mal., 26 (5-9):91-104.

Bentivegna F., Toscano A., 1991 – Observation au Laboratoire sur le comportement alimentaire de trois especès de la superfamille Tonnoidea (Mollusca, Gastropoda). Revue fr. Aquariol., 18 (2):33-38.

Toscano A., Bentivegna F., Cirino P., 1992 - Holothurians' responses to attack by the tonnid gastropod Tonnagalea. Echinoderm Research 1991 : 204, L. Scalera-Liaci& C. Canicattì (eds) 1992 Balkema/Rotterdam.

Bentivegna F., Cirino P., Toscano A., 1993 - Sea turtles in the Naples Aquarium: conservation policy. Mémoires de l'Institut océanografique Paul Ricard : 39-42. (Proceedings of E.U.A.C. Conference, Naples october 1992).

Bentivegna F., Cirino P., Toscano A., 1993 - Care and treatment of loggerhead sea turtles from the Gulf of Naples, Italy. Marine Turtle Newsletter, 61: 6-7.

Bentivegna, F., Cirino P., Toscano A., 1994 - Threats to *Caretta caretta* in the Gulf of Naples. NOAA Technical Memorandum NMFS-SEFSC-351: 188-189. (Proceedings of “The 14th Annual Symposium on Sea Turtle Biology and Conservation”).

Cirino P., Toscano A., Bentivegna F., 1995 - Reproduction of *Astroides calycularis* in the Naples Aquarium Italy. Proceedings of the “The Third International Aquarium Congress”, Boston (USA). 1993.

Ambrogi R., V. Festa, Toscano A., 1995 - Tossicità acuta del biossido di cloro su stadi giovanili di *Dicentrarchus labrax*. *Atti Società Italiana di Ecologia (S.IT.E)*, 16 : 327-330.

Iannini E. A., Carosa E, Cirino P., Toscano A., Pepe M., D’Armiento M., 1996 – Thyroid hormone effect on ascidian metamorphosis. *Journal of Endocrinological Investigation* Vol.19, Suppl. n°5: 38.

Carosa E., Cirino P., Toscano A., D’Armiento M., Iannini E. A., 1997 – Thyroid hormone effect on ascidian metamorphosis. “4th International Marine Biotechnology Conference”: abs. 62, settembre 1997, Italy.

Cirino P., Toscano A., 1997 – A biotechnological study for the laboratory cultivation of the ascidian *Ciona intestinalis*. “4th International Marine Biotechnology Conference”: abs. 171, settembre 1997, Italy.

Sordino P., Heisenberg C.P., Cirino P., Toscano A., Giuliano P., Marino R., Pinto M.R., De Santis R., 1998 – A mutational approach to the protochordate *Ciona intestinalis*. Proceedings of the EMBO-workshop on “Reproduction & Early Development”: 88.

Cirino P., Toscano A., Caramiello D., Macina A., Miraglia V., Monte A., 2002 – Laboratory culture of the ascidian *Ciona intestinalis* (L.): a model system for molecular developmental biology research. *Mar. Mod. Elec. Rec.* [serial online].

Toscano A., Cirino P., 2010 – Allevamento di stadi larvali di riccio di mare. *Metodologie di studio del Plancton marino. Manuali e Linee guida ISPRA/SIBM Vol. 56 (cap.50): 601-608.*

Manfra L., De Nicola E., Maggi C., Zambianchi E., Caramiello D., Toscano A., Cianelli D. and Cicero A. (2010). Exposure of rotifers, crustaceans and sea urchins to produced formation waters and seawaters in the Mediterranean Sea. *Journal of the Marine Biological Association of the United Kingdom*, Volume 91 / Issue 01 / February 2011, pp.155-161, Doi: 10.1017/S0025315410001037.

Cirino P, Ciaravolo M, Paglialonga A, Toscano A, 2011 - A long-term laboratory maintenance system for promoting out-of-season maturation in the sea urchin *Paracentrotus lividus* (Lamarck, 1816). In: *AE2011 Mediterranean Aquaculture 2020*. (Best Poster Award)

Cirino P, Toscano A., 2012 - Fertilization in *Paracentrotus lividus*. In: *ASSEMBLE virtual tool box protocols* www.assemblemarine.org.

Cirino P, Toscano A., 2012 - Spawning of gametes in *Paracentrotus lividus*. In: *ASSEMBLE virtual tool box protocols* www.assemblemarine.org.