

Claudia Gili



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Current Position: Dirigente Tecnologo I Livello - Coordinator Area III Missione

Current Affiliation: Stazione Zoologica Anton Dohrn, (Rome - Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
FIAT	Public relation Hostess and translator	1984-1988	
University of Turin, Italy	Graduation in Veterinary Medicine	April 4, 1989	Veterinary medicine
Zoological Society of London (UK) & National Aquarium in Baltimore (US)	Trainee	1989-1991	Veterinary medicine of zoo and aquarium species
IDEA Inc. (c/o Acquario di Genova, Italy)	Veterinarian and Assistant curator	1991-1992	Management and veterinary medicine of aquatic species
Acquario di Genova s.r.l. (c/o Acquario di Genova, Italy)	Staff veterinarian	1992-1993	Management and veterinary medicine of aquatic species
Polo Tecnologico Marino Marittimo (c/o Acquario di Genova, Italy)	Veterinarian and Assistant curator	1993-1995	Management and veterinary medicine of aquatic species
Costa Edutainment spa (c/o Acquario di Genova, Italy)	General curator and Chief veterinarian	1996-1999	Management and veterinary medicine of aquatic species
University of Padua, Italy	PhD in "Public health, safety and	2002-2006	Risk analysis for aquarium workers

	hygiene of animal production"		
Costa Edutainment spa (c/o Acquario di Genova, Italy)	Director of science and Veterinary services - corporate director	2009 -2019	Veterinary Medicine of aquarium species Conservation of aquatic species
European College of Zoological Medicine	Diploma <i>de facto</i>	2017	Zoo Health Management

Appointments and awards

2004 - Prize "CAPO D'ORLANDO" (Vico Equense)

2004 - Prize "DONNE FUORI DAL CORO" (Genova)

2005 - CAVALIERE DELLA REPUBBLICA - KNIGHT OF THE ITALIAN REPUBLIC received *motu proprio* from the President of Italy (Carlo Azeglio Ciampi) as Veterinarian responsible of the 6000 animals maintained at Acquario di Genova since its opening and specialist in cetaceans (received on March 8, 2005 in Campidoglio).

Other

European Association Zoo and Aquaria (EAZA)

- 2008 Inspector for new applicants
- 2010 Vice chair of Marine Mammal TAG
- 2012 Member of EEP Committee
- 2017 Chair of Marine Mammal TAG

European Association Aquatic Mammals (EAAM)

- 2008-2014 Board Member and President
- since 2012 – Member of the Scientific Committee Festival della Scienza (Genova, Italy)
- 2013- National Consulta for Bioethics FNOVI

Peer-reviewed publication:

Sainsbury A.W., Gili C. (1991) Ultrasonographic anatomy and scanning technique of the coelomic organs of the Bosc's monitor (*Varanus exanthematicus*). J. Zoo & Wildlife Med. 22 (4): 421-433. <http://www.jstor.org/stable/20095185>

Guarda F., Bollo E., Ferrero E., Gili C. (1992) Neuropatologia dei delfini spiaggiati: contributo casistico. Documenti veterinari 11:43-46.

Kirkwood J.K., Gili C. (1994) Food consumption in relation to body-weight in captive snakes. Res. Vet. Sc. 57 (35-38). [doi.org/10.1016/0034-5288\(94\)90078-7](https://doi.org/10.1016/0034-5288(94)90078-7)

Bertone S., Gili C., Moizo A., Calegari L. (1996) *Vibrio carchariae* associated with a chronic skin ulcer on a shark *Carcharhinus plumbeus* (Nardo) J. Fish Dis 19, 429-434. DOI: 10.1046/j.1365-2761.1996.d01-94.x

Gili C., Perego C., Agnese P., Perelli M. (1998) Chloroquine treatment trials to control *Cryptocaryon irritans* Brown 1951, infestations in marine tropical fishes Congress EUAC Bazel 1997. Mem Inst. Oceano P. Ricard pp:135-140.

Mo G., Gili C., Ferrando P. (2000) Do photoperiod and temperature influence the molt cycle of *Phoca vitulina* in captivity? Mar. Mamm. Sc. 16 (3): 570-577. DOI: 10.1111/j.1748-7692.2000.tb00952.x

- Cornaglia E., Reborà L., Gili C., Di Guardo G. (2000). Histopathological and immunohistochemical studies on cetaceans found stranded on the coast of Italy between 1990 and 1997. *J. Vet. Med.* 47, 129-142 DOI: 10.1046/j.1439-0442.2000.00268.x
- Robeck T.R., Steinman K.J., Yoshioka M., Jensen E., O'Brien J.K., Katsumata E., Gili C., McBain J.F., Sweeney J., Monfort S. (2005) Estrous cycle characterization and artificial insemination using frozen-thawed spermatozoa in the bottlenose dolphin (*Tursiops truncatus*). *Reproduction* 129: 659-674. PMID:15855629 DOI : 10.1530/rep.1.00516
- Gili C., Papini L., Vannozzi I., Romagnoli S. (2006) Ultrasonographic imaging and monitoring of foetal growth during pregnancy of *Phoca vitulina vitulina* *Vet Rec* 22, 116-118 doi:10.1136/vr.159.4.116
- Luna G.M., Gili C., Danovaro R. (2008) Identificazione dei batteri associati a necrosi nei coralli duri tropicali. *Biol. Mar. Mediterr.* 15 (1): 112-114
- Magi G.E., Iannaccone M., Gili C., Rossi G. (2009) Cardiac cholesterol granuloma in a piper gurnard, *Trigla lyra*. *J Fish Dis* 32 (5) 473-475. Doi: 10.1111/j.1365-2761.2009.01031.x
- Luna G.M, Bongiorno L., Gili C., Biavasco F., Danovaro R. (2010) *Vibrio harveyi* as a causative agent of the White Syndrome in tropical stony corals *Env. Microb. Rep.* 2 (1), 120–127. DOI:10.1111/j.1758-2229.2009.00114.x
- Osinga R., Schutter M., Griffioen B., Wijffels R.H., Verreth J.A.J., Shafir S., Henard S., Taruffi M., Gili C., Lavorano S. (2011) The Biology and Economics of Coral Growth. *Marine Biotechnology* vol 13 (4) 658 – 671. doi : 10.1007/s10126-011-9382-7
- Osinga R., Schutter M., Wijgerde T., Rinkevich B., Shafir S., Shpigel M., Luna G.M., Danovaro R., Bongiorno L., Deutsch A., Kuecken M., Hiddinga B., Janse M., McLeod A., Gili C., Lavorano S., Henard S., Barthelemy D., Westhoff G., Baylin N., Santos E., Weissenbacher A., Kuba M., Jones R., Leewis R., Petersen D. and Laterveer M. (2012) The CORALZOO project: a synopsis of four years of public aquarium science *J Mr Biol Ass UK* DOI: 10.1017/S0025315411001779
- Robeck T. R., Gili C., Doescher B. M., Sweeney J., De Laender P., Van Elk C.E., O'Brien J.K. (2012) Altrenogest and progesterone therapy during pregnancy in bottlenose dolphins (*Tursiops truncatus*) with progesterone insufficiency. *J Zoo & Wildl. Med.* 43(2): 296–308. doi: 10.1638/2011-0166.1
- Favaro. L., Gili C., Da Rugna C., Gnone G., Fissore C., Sanchez, McElligott A. G., Gamba M., Pessani D. (2016). Vocal individuality and species divergence in contact calls of banded penguins. *Behavioral Processes* 128: 83-88. doi: 10.1016/j.beproc.2016.04.010
- Gili C., Bonsembiante F., Bonanni R., Giordano A., Ledda S., Beffagna G., Paltrinieri S., Sommer M., Gelain M.E. (2016) Detection of hereditary bisalbuminemia in bottlenose dolphins (*Tursiops truncatus*, Montagu 1821): comparison between capillary zone and agarose gel electrophoresis. *BMC Veterinary Research* (2016) 12:172 doi : 10.1186/s12917-016-0801-x
- Gili C., Bonsembiante F., Beffagna G., Mazzariol S., Gelain M.E. (2017) Mutations and polymorphism in bottlenose dolphin (*Tursiops truncatus*, Montagu 1821) albumin gene: First identification of mutations responsible for inherited bisalbuminemia. *Res. in Vet. Sc.* 114 12–17 doi.org/10.1016/j.rvsc.2017.02.018
- Gili, C., Biancani, B., Gulland, F., Mazzariol, S. (2017) Methicillin-resistant *Staphylococcus aureus* (MRSA) associated dolphin mortality and the subsequent facility decolonisation protocol *Vet Rec Case Rep* 5: e000444. doi : 10.1136/vetreccr-2017-000444

- Favaro L., Gamba M., Gili C., Pessani D. (2017) Acoustic correlates of body size and individual identity in banded penguins. PLoS ONE 12(2): e0170001. doi:10.1371/journal.pone.0170001
- Mazzariol S., Corrò M., Tonon E., Biancani B., Centelleghè C. and Gili C. Death Associated to Methicillin Resistant *Staphylococcus aureus* ST8 Infection in Two Dolphins Maintained Under Human Care (2018) Italy Front. Immunol., 22 November 2018
<https://doi.org/10.3389/fimmu.2018.02726>

BOOK CHAPTERS

- Cunningham, A.A., Gili, C. (1992). Management and breeding of reptiles in captivity. In "Manual of Reptiles". Eds. Lawton M. & Cooper J.E. Publ. British Small Animal Association
- Cozzi et al. Various authors: CD-Rom (2004) Mammiferi marini del Mediterraneo. Introduzione illustrata alla storia naturale, biologia, anatomia, patologia e parassitologia (Marine mammals of the Mediterranean sea. Natural history, biology, anatomy, pathology and parasitology) Ed. Bruno Cozzi e Massimo Valdina
- Gili C. (2005) La tubercolosi nei mammiferi marini (Tuberculosis in marine mammals) In F. Guarda e E. Bollo: La tubercolosi degli animali. Edizioni Giraldis, Bologna pag. 127-130
- Guarda F., Gili C. (2005) Cenni sulla tubercolosi nei giardini zoologici (Tuberculosis in zoological species) In F. Guarda e E. Bollo: La tubercolosi degli animali. Edizioni Giraldis, Bologna pag 123-126.
- Gili C., Papini L. (2006) "Patologia dei cetacei" (Pathology of cetaceans) in University Textbook by Taccini E., Rossi G., Gili C. Tecnica autoptica e diagnostica cadaverica di Poletto Ed.
- Mattioli F., Gili C., Andreone F. (2006) Economics of captive breeding applied to the conservation of selected amphibian and reptiles species from Madagascar. Natura Soc. It Sci Nat. Museo Civ Stor Nat Mi 95 (2): 67-80.
- Lavorano S., Gili C., Muti M., Taruffi M., Corsino D., Gnone G. (2007): Coralzoo project: preliminary results of the evaluation of different types and concentrations of zooplankton food on the growth of *Pocillopora damicornis* (Linnaeus 1758) comparing diurnal and nocturnal feeding. Published in Rob Leewis & Max Janse (2008) Advances in coral husbandry in public aquarium pg. 19-25
- Gili C. (2008) Conservation activities on Malagasy amphibians at Acquario di Genova in Conservation strategy for the amphibians of Madagascar. Monografie del Museo Regionale di Scienze Naturali di Torino, XLV (pg.309-319)
- Buley K., Furrer S.C., Garcia G., Gibson R., Gili C., Mattioli F., Andreone F. (2008) Captive breeding and zoo action in "Sahonagasy Action Plan conservation programs for the amphibians of Madagascar. Chapter 8" Ed. by Franco Andreone and Herilala Randriamahazo
- Gili C. (2008) Conservation activities on Malagasy amphibians at Acquario di Genova in Conservation strategy for the amphibians of Madagascar. Monografie del Museo Regionale di Scienze Naturali di Torino, XLV (pg.309-319)
- Gili C., Guarda F., Lecu A., Bollo E., Dondo A. (2013) La tubercolosi degli animali nei parchi zoologici (Tuberculosis in zoo animals). In Guarda F., Bollo E., Alborali G.L (2013) La tubercolosi negli animali. Istituto Zooprofilattico Sperimentale della Lombardia ed Emilia Romagna pg. 169-177.

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- Salogni C., Gili C., Prearo M. (2013) Micobatteriosi nelle specie ittiche. In Guarda F., Bollo E., Alborali G.L. La tubercolosi negli animali. Istituto Zooprofilattico Sperimentale della Lombardia ed Emilia Romagna pg. 187-197.
- Ottonello D., Sebastiano S., Jesu R., Gili C., Genta P., Canessa S., Oneto F. (2016) Conservation of the European pond turtle through population reinforcement in Liguria, Northern Italy pp. 62-66 in Soorae, P. S. (ed.) (2016). Global Re-introduction Perspectives: 2016. Case-studies from around the globe. Gland, Switzerland: IUCN/SSC Reintroduction Specialist Group and Abu Dhabi, UAE: Environment Agency Abu Dhabi. xiv + 276 pp.
- Nollens H.H, Venn-Watson S., Gili C., McBain J.F. (2018) “Cetacean Medicine” CRC Handbook of Marine Mammal Medicine, Third Edition by F. Gulland, L. Dierauf, & K L. Whytman - Taylor & Francis Group, LLC, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487, U.S.A.