

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	SANDRO MAZZARIOL		
Address	UNIVERSITA' DEGLI STUDI DI PADOVA DIPARTIMENTO DI BIOMEDICINA COMPARATA E ALIMENTAZIONE AGRIPOLIS - VIALE DELL'UNIVERSITA' 16 LEGNARO - PADOVA		
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E-mail	sandro.mazzariol@unipd.it		
Nationality	Italian		
Date of Birth	18/05/1976		
Gender	male		

WORK EXPERIENCE

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| • Dates (from - to) | November 2022 - Today |
| • Name and address of the employer | Università degli Studi di Padova - Dept. Comparative Biomedicine and Food Science (BCA) |
| • Type of business or sector | Research and education |
| • Occupation or position held | Full professor – Veterinary Pathology (VET/03) |
| • Main activities and responsibilities | Coordination of research and education in veterinary pathology; projects coordination and implementation; Coordination and supervision of personnel and technical staff; teaching. |
| • Dates (from - to) | December 2018 - October 2022 |
| • Name and address of the employer | Università degli Studi di Padova - Dept. Comparative Biomedicine and Food Science (BCA) |
| • Type of business or sector | Research and education |

- Occupation or position held **Associate professor – Veterinary Pathology (VET/03)**
 - Main activities and responsibilities Coordination of research and education in veterinary pathology; projects coordination and implementation; teaching
- Dates (from - to) January 2005-December 2018
- Name and address of the employer Università degli Studi di Padova - Dept. Comparative Biomedicine and Food Science (BCA)
- Type of business or sector Research
- Occupation or position held **Researcher – Veterinary Pathology (VET/03)**
 - Main activities and responsibilities Research on animals pathology and diseases
- Dates (from - to) January 2003- December 2004
- Name and address of the employer Università degli Studi di Padova - Dept. of Veterinary Public Health, Comparative Pathology and Hygiene
- Type of business or sector
- Occupation or position held **Research scholarship**
 - Main activities and responsibilities in vivo and ex vivo research on the development of new therapies for antibiotic resistance

EDUCATION AND TRAINING

- Dates (from - to) 2003-2006
- Name and type of organisation providing education and training Università degli Studi di Padova
- Principal subjects/occupational skills covered Studies on novel photodynamic therapies for antibiotic resistant bacteria in human and animals
- Title of qualification awarded **PhD in Public Health, Veterinary Hygiene and Animal Production**
- Dates (from - to) 1997-2002
- Name and type of organisation providing education and training Università degli Studi di Padova
- Principal subjects/occupational skills covered Experimental degree thesis on main pathology and diseases of stranded cetaceans
- Title of qualification awarded **Degree in Veterinary Medicine**

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

-Research interests (5 Key words): wildlife pathology and disease, marine mammals, sea turtles, conservation medicine, One Health

-National and international Projects coordination.

-Author of 98 publication on Scientific Journals.

-Author of several technical reports, guidelines and best practices focused on postmortem investigations.

-Lecturer of 10 academic courses or modules since 2006 (i.e. veterinary pathology, pathology of marine vertebrates, postmortem investigations of wildlife).

-Organization and Communication at national and international congresses and workshops focused on cetaceans and sea turtles health and conservation (more than 100 communications).

-Supervisor of more than 20 university theses (three-year, specialist and master's); guiding teacher and co-rapporteur of 4 doctoral theses.

-Lecturers in six different advanced training courses (Masters of I and II level, School of Specialization) since 2008.

-Director of the Master Course (II level) in Conservation Medicine of Aquatic Animals

-Advisor and lecturer on cetaceans and sea turtles medicine, pathology and conservation for ACCOBAMS, ASCOBANS, IWC and for Universities in different countries (Turkey, Malta, Slovenia, Bulgaria, Croatia, UAE, Sri Lanka)

-Lecturer in technical training course for Istituti Zooprofilattici Sperimentali (IIZZSS) on cetaceans and sea turtles conservation and medicine

-Coordination of post-mortem investigations on several species.

-Coordination of working group on veterinary sciences at national and international level.

PUBLICATION INDEXES (SCOPUS) ON JAN 30TH 2023

-NUMBER OF PUBLICATIONS: 98

-TOTAL NUMBER OF CITATIONS: 1296

-H-INDEX: 18

-ORCID n. 0000-0002-4756-1871

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

-Head of the Cetaceans stranding Emergency Response Team (CERT) created with a dedicated fund by the Italian Ministry for the Environment to respond to cetaceans unusual mortality events (2010)

-Vice-Director of the Centro InterUniversitario per la Ricerca sui Cetacei (CIRCE) including 6 different Departments.

-Coordinator of several research projects as principal investigator or working package leader. The 5 most important ones in the last 5 years:

- o 2018-ongoing: Progetto Dipartimento di Eccellenza ECCE AQUA. Funding body: MUR - Dipartimenti di Eccellenza. Role: Scientific coordinator of the management board.
- o 2019-ongoing: project LIFE DELFI - Lowering fishing Interaction in the Mediterranean Sea. Funding body: EU Commission. Role: Scientific coordinator of UPD activities;
- o 2019-2021: Implementing Monitoring of Marine Vertebrates in the Northern Adriatic (INVASION) - Regione Veneto FEAMP Call 2018 - mis 1.40.. Role: Scientific coordinator
- o 2022-ongoing: project DIAPHONIA - Diagnostic framework to Assess and Predict the impact Of underwater Noise on marine species. Funding body: MUR - Joint Program Initiative Ocean. Role: Project Scientific Coordinator
- o 2022 - ongoing: SHORE - EmpOweR Students as the agents of cHange. Funding body: EU Commissione. Role: Scientific coordinator of UPD activities

-Coordinator of 4 commercial research contracts

-Appointed as a member of the Technical Table for the National Stranding Network Coordination (Re.Na.S.Mm) by directorial decree of the Ministries of Environment and Health (28 Dec 2017).

-Appointed as Department delegate within the Technical Table of the Italian Ministry for the Environment on the effects of Airguns on Marine Wildlife (Marine Strategy Framework Directive)

-Chair of the International Whaling Commission Expert Panel (<https://iwc.int/expert-advisory-panel-on-strandings>) (2017-2022)

-Italian Delegate at the International Whaling Commission Expert Scientific Committee

-Member of the IUCN Cetaceans Specialist Group.

-Member of Society of Marine Mammalogist, European Cetacean Society, CoNiSMA.

-Affiliated Researcher to the National Biodiversity Future Center funded by the Italian National Recovery and Resilience Plan

- Affiliated Researcher to the INF-ACT Partnership on Emerging Infectious Diseases funded by the Italian National Recovery and Resilience Plan

- Editor in Chief of Emerging Animal Species ed. Elsevier.

10 MOST RELEVANT
PUBLICATIONS
In the last 10 years.

1. Orekhova K, Selmanovic E, De Gasperi R, Gama Sosa MA, Wicinski B, Maloney B, Seifert A, Alipour A, Balchandani P, Gerussi T, Graic JM, Centelleghé C, Di Guardo G, Mazzariol S, Hof PR. Multimodal Assessment of Bottlenose Dolphin Auditory Nuclei Using 7-Tesla MRI, Immunohistochemistry and Stereology. *Vet Sci*. 2022 Dec 13;9(12):692..
2. Orekhova K, Centelleghé C, Di Guardo G, Graic JM, Cozzi B, Trez D, Verin R, Mazzariol S. Systematic validation and assessment of immunohistochemical markers for central nervous system pathology in cetaceans, with emphasis on auditory pathways. *PLoS One*. 2022 Jun 1;17(6):e0269090.
3. Sciancalepore G, Pietroluongo G, Centelleghé C, Milan M, Bonato M, Corazzola G, Mazzariol S. Evaluation of per- and poly-fluorinated alkyl substances (PFAS) in livers of bottlenose dolphins (*Tursiops truncatus*) found stranded along the northern Adriatic Sea. *Environ Pollut*. 2021 Dec 15;291:118186.
4. Petrella A, Mazzariol S, Padalino I, Di Francesco G, Casalone C, Grattarola C, Di Guardo G, Smoglica C, Centelleghé C, Gili C. Cetacean Morbillivirus and *Toxoplasma gondii* Co-infection in Mediterranean Monk Seal Pup, Italy. *Emerg Infect Dis*. 2021 Apr;27(4):1237-1239.
5. Centelleghé C, Carraro L, Gonzalvo J, Rosso M, Esposti E, Gili C, Bonato M, Pedrotti D, Cardazzo B, Povinelli M, Mazzariol S. The use of Unmanned Aerial Vehicles (UAVs) to sample the blow microbiome of small cetaceans. *PLoS One*. 2020 Jul 2;15(7):e0235537. doi: 10.1371/journal.pone.0235537. Erratum in: *PLoS One*. 2021 Jan 22;16(1):e0246177.
6. Padalino I, Di Guardo G, Carbone A, Troiano P, Parisi A, Galante D, Cafiero MA, Caruso M, Palazzo L, Guarino L, De Riso L, Centelleghé C, Mazzariol S, Petrella A. Dolphin Morbillivirus in Eurasian Otters, Italy. *Emerg Infect Dis*. 2019 Feb;25(2):372-374. doi: 10.3201/eid2502.180256. PMID: 30666943; PMCID: PMC6346476.
7. Jo WK, Kruppa J, Habierski A, van de Bildt M, Mazzariol S, Di Guardo G, Siebert U, Kuiken T, Jung K, Osterhaus A, Ludlow M. Evolutionary evidence for multi-host transmission of cetacean morbillivirus. *Emerg Microbes Infect*. 2018 Dec 5;7(1):201. doi: 10.1038/s41426-018-0207-x. PMID: 30514855; PMCID: PMC6279766.
8. Mazzariol S, Centelleghé C, Di Provvido A, Di Renzo L, Cardeti G, Cersini A, Fichi G, Petrella A, Di Francesco CE, Mignone W, Casalone C, Di Guardo G. Dolphin Morbillivirus Associated with a Mass Stranding of Sperm Whales, Italy. *Emerg Infect Dis*. 2017 Jan;23(1):144-146. doi: 10.3201/eid2301.160239. PMID: 27983493; PMCID: PMC5176224.
9. Mazzariol S, Centelleghé C, Beffagna G, Povinelli M, Terracciano G, Cocumelli C, Pintore A, Denurra D, Casalone C, Pautasso A, Di Francesco CE, Di Guardo G. Mediterranean Fin Whales (*Balaenoptera physalus*) Threatened by Dolphin MorbilliVirus. *Emerg Infect Dis*. 2016 Feb;22(2):302-5. doi: 10.3201/eid2202.15-0882. PMID: 26812485; PMCID: PMC4734534.
10. Van Bresse MF, Duignan PJ, Banyard A, Barbieri M, Colegrove KM, De Guise S, Di Guardo G, Dobson A, Domingo M, Fauquier D, Fernandez A, Goldstein T, Grenfell B, Groch KR, Gulland F, Jensen BA, Jepson PD, Hall A, Kuiken T, Mazzariol S, Morris SE, Nielsen O, Raga JA, Rowles TK, Saliki J, Sierra E, Stephens N, Stone B, Tomo I, Wang J, Waltzek T, Wellehan JF. Cetacean morbillivirus: current knowledge and future directions. *Viruses*. 2014 Dec 22;6(12):5145-81. doi: 10.3390/v6125145. PMID: 25533660; PMCID: PMC4276946.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Padova, 30.01.2023

Signature

