

## **PERSONAL INFORMATION**

Family name, First name: **Sandro Mazzariol**

Researcher unique identifier(s): ORCID n. 0000-0002-4756-1871

Date of birth: May 18th, 1976

Nationality: Italian

## **EDUCATION**

2003-2006: PhD in Public Health, Veterinary Hygiene and of Animal Productions, Department of Public Health, Comparative Pathology and Veterinary Hygiene, University of Padova, Italy.

Supervisor PhD: Prof. Massimo Castagnaro

1997-2002: Dr. Med. Vet. (2002) School of Veterinary Medicine, University of Padova, Italy.  
Final marks: 110/110

## **CURRENT POSITION**

2005 – 2018 Assistant Professor of Veterinary Pathology - Department of Comparative Biomedicine and Food Science, University of Padova, Italy

2018 - present Associated Professor of Veterinary Pathology - Department of Comparative Biomedicine and Food Science, University of Padova, Italy

## **OTHER POSITIONS REGARDING MARINE MAMMALS**

- April 2018 - ongoing: consultant for manage to prepare and present the common protocol for marine debries ingestion in marine mammals, ACCOBAMS - Monaco
- November-December 2016: consultant for the Bulgarian Ministry of the Environment for necropsy training on cetaceans, Stara Zagora, Bulgaria.
- February 2016 - present: consultant for the preparation of common best practices regarding cetaceans' strandings, ACCOBAMS - Monaco.
- March 2015 & March 2019: consultant for veterinary pathology in English-speaking University for Malta and Black Sea, ACCOBAMS - Monaco;
- July-October 2014: consultant and chair for the organization of a workshop and procedures dedicated to the proposal of transboundary emergency procedures in cetaceans' strandings, ACCOBAMS - Monaco;

## **TEACHING ACTIVITIES**

*Veterinary Medicine, University of Padova, Italy*

2019-present: Veterinary Pathology applied to Veterinary Public Health (IV year)

2011-2017: Post-mortem techniques and Gross Veterinary Pathology (III year)

2007-present: Veterinary Pathology hands-on activity (V year)

*Marine Biology (MSc), University of Padova, Italy*

2005-2008: Diseases and Pathology of Aquatic Species (V year)

*Bachelor in Animal Care, University of Padova, Italy*

2019 - present: Principle of post-mortem techniques and tissue sampling

*Specialization School for graduated veterinarians in Breeding, Hygiene and Diseases of Aquatic Animals and Derived Products University of Padova, Italy*

- 2010 & 2019: Health Management of Cetaceans and Sea turtles

*Specialization School for graduated veterinarians in Animal Health, Breeding and livestock production University of Padova, Italy*

2010 & 2018: General Anatomical Pathology (I year)

2010 & 2018: Forensic pathology and necropsy protocols (I year)

2011: Pathological features of main infectious diseases of animals (II year)

2012: Pathological features of diseases in wildlife (III year)

2012: Pathological features of most relevant zoonoses (III year)

*Specialization School for veterinarians in Inspection of Animal Origin food, University of Padova, Italy*

2019: Diseases of dairy cows (II year)

2012: Pathological changes of mammary gland (III year)

2012: Diseases of dairy cows. (III year)

*Master in Management and Conservation of wildlife and zoo animals, University of Padova, Italy*

2012: Diseases of wildlife

2013: Forensic pathology of wildlife

*Higher training Course in Management and Valorization of wildlife in zoological parks, University of Padova, Italy*

2010: Postmortem techniques applied to the evaluation of animal welfare in wildlife

2011: In situ and ex situ conservation of marine mammals

*Higher training Course in Management and Conservation of cetaceans in the Mediterranean Sea (coordinator), University of Padova, Italy*

09/2014: International and national legal framework for cetaceans conservation: the

National Stranding Network in Italy

10/2014: Postmortem investigations on stranded cetaceans

12/2014: Mass strandings and Unusual Mortality Events

**ORGANIZATION OF SCIENTIFIC MEETINGS**

2019: Workshop on ingested marine litter monitoring & entanglement evidences, 1-2 July, Chioggia (VE), Italy.

2019: Joint ACCOBAMS and ASCOBANS Workshop on harmonization of the best practices for necropsy of cetaceans and for the development of diagnostic frameworks, June 24th-25th, Padova, Italy.

2018: Scientific Committee of the XXXII Meeting of the European Cetacean Society, La Spezia, Italy

2014: Joint ACCOBAMS/Pelagos Workshop on Cetaceans Alive Strandings, Monaco

2014: Whales and dolphins: the research on cetaceans in Italy - workshop, Padova, Italy

2012: "National protocols and procedures adopted during mass strandings and cetaceans stranded alive" - Padova, Italy

**INSTITUTIONAL RESPONSIBILITIES**

2018 - present. Coordinator of the Project for Excellent Italian Department - ECCE AQUA funded by Ministry for the School, Research and University (MIUR)

2016 – present Vice-Director of the Inter-University Research Center for the Study on Cetaceans (CIRCE), Italy

2015 - Delegate by the Department Director for coordinating Necropsy room activity, Department of Comparative Biomedicine and Food Science, University of Padova, Italy

2011 – 2014 Member of the Department Committee for Internationalization, Department of Comparative Biomedicine and Food Science, University of Padova, Italy

2011 - Veterinary Science, PhD Course Committee, member, University of Padova

2007 – Veterinary Medicine Faculty member, University of Padova, Italy

2005-2008 - Marine biology Faculty Member, University of Padova, Italy

**COMMISSIONS OF TRUST**

2017 - Chair of the IWC Strandings Expert Panel

2016 - Member of the Steering Committee of the IWC Strandings Working Group.

2016 - Member of the Expert Panel for the Italian Ministry for the Environment within the inter-ministerial working group for the coordination of the Italian Stranding Network

2016 - Member of the National Working Group of the Italian Ministry for the Environment on the effects of Airguns on Marine Wildlife (Marine Strategy Framework Directive)

2006, 2007, 2009, 2016 – Italian Delegate to the International Whaling (IWC) Commission Scientific Committee

**MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2016 – now Member of the Research Network CONISMA, Italy

2002 - now Member of the European Cetacean Society (ECS)

### **GRANTS RECEIVED and PROJECT FUNDED**

*Project funded by European Commission*

- . 2005: project DYNAMICRO: CRAFT project of the V Framework Programme (participant of WP3)
- . 2012: project NETCET: IPA Adriatic Transboundary Programme (scientific coordinator WP3)
- . 2019: project LIFE DELFI (scientific coordinator UO Padua).

*Project funded by Italian Ministry for the Environment*

- . 2006: "Creation of a necropsy unit dedicated to large whales" (project scientific coordinator)
- . 2009: " Project for cetaceans monitoring along the Italian coastlines" (participant)
- . 2010: "Creation of a emergency task force dedicated to unusual mortality events" (project scientific coordinator)
- . 2012: "Implementation of the Mediterranean Marine Mammal Tissue Bank" (scientific coordinator UO3)
- . 2013: " Cetaceans as sentinels of the Sea" (scientific coordinator UO2)
- . 2014: "Implementation of the Cetaceans' strandings Emergency Task Force" (project scientific coordinator)

*Project funded by the Regione Veneto Government*

- . 2019: FEAMP Call 2018 - mis 1.40 :“Implementing Monitoring of Marine Vertebrates in the Northern Adriatic” - (project coordinator)
- . 2018: FEAMP fundings - Monitoring Cetaceans and Sea Turtles presence and Interactions with fisheries - TARTA-TUR - (project coordinator)
- . 2017: FEAMP Call 2017 - mis 1.40 :“Monitoring of Cetaceans and Sea Turtles by-catch in the Northern Adriatic” - (project coordinator)

*Project funded by University of Padova*

2011: Emerging Diseases of Marine Mammals (project scientific coordinator)

### **BIBLIOMETRIC INDEXES and PUBLICATIONS (updated at January, 2020):**

*total indexed publications (2005-01/2020): 70 (Scopus)*

*total citations: 691*

*H index: 14*

## SCIENTIFIC INTERESTS

His main interests are pathology and diseases of marine mammals: more in detail, his studies have been focused on the detection of anthropic related causes of death and on morbillivirus mortalities and immune response in cetaceans. Due to his experience and work on marine mammals pathology he was invited to the workshop on "Marine Mammal Morbilliviruses: Current Knowledge and Future Directions" helded at Princeton University, USA, August 5-7 2014 within the National Institutes of Health Research and Policy of Infectious Disease Dynamics (RAPIDD) program. In fact, recent publications confirmed his interest in morbilliviral infection in cetaceans and the interaction between the virus and the immune response in these hosts.

In 2010 he was appointed for the coordination of the Cetaceans' strandings Emergency Response Team (CERT) which is called to intervene in case of marine mammals' mass strandings, large cetaceans mortalities and cetaceans stranded alive and since 2002 he has cooperated with the Mediterranean Marine Mammals Tissue Bank. During this period he contributed to produce several diagnostic protocols and guidelines both in Italy and in Europe and published a textbook dedicated to cetaceans' pathology. In particular, being involved in two sperm whales' mass strandings, he has the opportunity to study procedures and best practice to be applied during these events and in case of alive animals strandings. Other scientific interested are related to postmortem analyses and forensic techniques to be apply in the necropsy service of the Department where he's involved since 2002. His experience on postmortem analyses are focus not only in marine mammals but also in sea turtles and in all wild animals kept in zoos, as shark, penguins and seals. In the past, he participated to several international cooperation projects in Madagascar, Perù and Algeria.

Padova, February 25th 2020

