



Cristiano Cocumelli

Nationality: Italian | **Address:** Italy (Home)

● ABOUT ME

Data di compilazione 20/01/2025

● WORK EXPERIENCE

01/06/2008 – CURRENT Rome, Italy

VETERINARIAN LABORATORY OF ANATOMOHISTOPATHOLOGY AT EXPERIMENTAL ZOOPROPHYLACTIC INSTITUTE OF LATIUM AND TUSCANY

Experimental Zooprophyllactic Institute of Latium and Tuscany (IZSLT)

- Anatomopathology and histopathology applied for the Diagnosis in different species, mainly Mammalian, Fish, Avian, Marine mammals and Zoo and Exotic species
- Managment of National plans of control and surveillance of animal health.
- Managment of operative unite in researches
- Training activities for students
- Speaker at National and International congresses

Abilitazione Scientifica Nazionale Settore Concorsuale 07/H2 - from 19/11/2020 al 19/11/2030 (seconda fascia)

H index al 20.01.2023 13

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15/01/2006 – 31/05/2008 Rome, Italy

VETERINARIAN LABORATORY OF VIROLOGY AT IZSLT

Managment and control of diagnostic techniques for the diagnosis of viral disease in Animal Health.

- Managment of National plans of control and surveillance of animal health.
- Managment of operative unite in researches

Laboratory activities/techniques:

- acceptance of samples
- direct and indirect ELISAs
- serum neutralization test
- virus isolation from embryonated eggs
- direct immunofluorescence
- Agar gel immunodiffusion test
- Hemoagglutination and inibition of hemoagglutination test

01/10/2006 – 15/01/2007 Torvaianica - Roma, Italy

VETERINARIAN ZOOMARINE ITALIA

Internship at Zoomarine Italia, Torvajonica (RM).

Main activities:

Clinical examination and biological samples analisys of Marine mammals (Tursiops truncatus), pinnipeds, and avian exotic species.

Radiography and surgery

Feeding and food preparation

● EDUCATION AND TRAINING

2012 – 2014 Milan, Italy

TRAINEE AT EUROPEAN COLLEGE OF VETERINARY PATHOLOGY University of Milan

2006 – 2008 Italy

DVM, CLINIC AND PATHOLOGY OF PETS (SCUOLA DI SPECIALIZZAZIONE IN PATOLOGIA E CLINICA DEGLI ANIMALI D'AFFEZIONE) University of Bologna

1998 – 2004 Teramo, Italy

DOCTOR IN VETERINARY MEDICINE University of Teramo

09/05/2010 – 14/05/2010 Weymouth, United Kingdom

FISH HISTOPATHOLOGY WORKSHOP Cefas

Histology workshop

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C2	B1	B2	B2
SPANISH	A2	A2	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Outlook | Social Media | Zoom | Skype | Power Point | LinkedIn | Google Drive | Google Docs | Instagram | Twitter | Internet user

● **PUBLICATIONS**

2016

Publications

2016 Mediterranean fin whales (*Balaenoptera physalus*) threatened by dolphin Morbillivirus. Emerging Infectious Diseases Published on 01 Feb 2016 , doi:10.3201/eid2202.150882

2016 Evolution of equine infectious anaemia in naturally infected mules with different serological reactivity patterns prior and after immune suppression. [Vet Microbiol. 2016 Jun 30;189:15-23. doi: 10.1016/j.vetmic.2016.04.003. Epub 2016 Apr 6](#)

2016 New detection of Cyprinid herpesvirus 2 in mass mortality event of *Carassius carassius* (L.), in Italy. Journal of Fish Diseases

2016 A new Multilocus Sequence Typing scheme and its application for the characterization of *Photobacterium damsela* subsp. *damsela* associated with mortality in cetaceans. Frontiers in Microbiology

2016 1656 ISSN=1664-302X 2017 Ethylene glycol toxicity: a retrospective pathological study in cats. Veterinaria Italiana. 2017, 53 (3), 251-254.

2017

Publications

2017 Neuronal and astrocytic involvement in striped dolphins (*Stenella coeruleoalba*) with morbilliviral encephalitis Acta virologica No. 4/17 (October / December).

2017 Detection of Papillomavirus DNA in Cutaneous Squamous Cell Carcinoma and Multiple Papillomas in Captive Reptiles J. Comp. Path. 2017, Vol. 157, 23-26 2017 Loggerhead sea turtles (*Caretta caretta*): A target species for monitoring litter ingested by marine organisms in the Mediterranean Sea Environmental pollution.

2017 Jun 23;230:199-209. doi: 10.1016/j.envpol.2017.06.054 2017 *Angiostrongylus vasorum* in wolves in Italy: prevalence and pathological findings. Parasites & Vectors (2017) 10:386.

2018

Publications

2018 Multidisciplinary studies on a sick-leader syndrome-associated mass stranding of sperm whales (*Physeter macrocephalus*) along the Adriatic coast of Italy. Scientific Reports volume 8, Article number: 11577 (2018)

2018 Cetacean Poxvirus in two striped dolphins (*Stenella coeruleoalba*) stranded on the Tyrrhenian coast of Italy: Histopathological, ultrastructural, biomolecular and ecotoxicological findings. Front. Vet. Sci., 11 September 2018

2020

Publications

2020 Detection of *Felis catus* papillomavirus type-2 DNA and viral gene expression suggest active infection in feline oral squamous cell carcinoma

2020 Evaluation of intrinsic and extrinsic risk factors for dog visceral hemangiosarcoma: A retrospective case-control study register-based in Lazio region, Italy Preventive Veterinary Medicine

2021

Publications

2021 Polymer composition assessment suggests prevalence of single-use plastics among items ingested by loggerhead sea turtles in the western mediterranean sub-region. Environ Pollut. 2021 Oct 1:118274.

2021 *Plasmodium matutinum* Transmitted by *Culex pipiens* as a Cause of Avian Malaria in Captive African Penguins (*Spheniscus demersus*) in Italy. Front Vet Sci. 2021 Mar 16;8:621974.

2021 *Plasmodium matutinum* Causing Avian Malaria in Lovebirds (*Agapornis roseicollis*) Hosted in an Italian Zoo. Microorganisms.

2022

Publications

2022 Reproducibility and feasibility of classification and national guidelines for histological diagnosis of canine mammary gland tumours: a multi-institutional ring study. July 2022 Veterinary Sciences 9(7):357 DOI: 10.3390/vetsci9070357

2022 Canine and feline in situ mammary carcinoma: A comparative review. Vet Pathol. 2022 Jun 23:3009858221105060. doi: 10.1177/03009858221105060. Epub ahead of print. PMID: 35735255.

2022 The Italian Network of Laboratories for Veterinary Oncology (NILOV) 2.0: improving knowledge on canine tumours. Vet. Sci. 2022, 9(8), 394; <https://doi.org/10.3390/vetsci9080394>

2022 Systemic infection by *Angiostrongylus vasorum* in a fennec (*Vulpes zerda*) in an Italian zoological garden. Pathogens, 2022, 11(9), 965

2022 Potential SARS-CoV-2 Susceptibility of Cetaceans Stranded along the Italian Coastline. Pathogens, 2022, 11(10), 1096

2023

2023

Preliminary Assessment of Tumor-Associated Tissue Eosinophilia (TATE) in Canine Mast Cell Tumors: Prevalence and Prognostic Relevance and Its Association with Neoangiogenesis. Animals, 2023, 13(2), 283

Dietary Preferences of Loggerhead Sea Turtles (*Caretta caretta*) in Two Mediterranean Feeding Grounds: Does Prey Selection Change with Habitat Use throughout Their Life Cycle? Animals, 2023 DOI 10.3390/ani13040654

The application of a post-mortem diagnostic framework to determine cetacean fishery-interaction index. Contribution to the 34th Annual Conference of the European Cetacean Society (ECS), 16-20 April 2023, O Grove, Spain.

Articular Cartilage Regeneration by Hyaline Chondrocytes: A Case Study in Equine Model and Outcomes. Biomedicines 2023, 11(6), 1602; <https://doi.org/10.3390/biomedicines11061602>

casi chirurgici trattati con laserterapia e diagnosi morfologica di tre neoplasie cutanee in carassi dorati. Presentazione Orale SIPI 2023

First Record of Cetacean Killed in an Artisanal Fish Aggregating Device in the Mediterranean Sea. *Animals* 2023, 13(15), 2524; <https://doi.org/10.3390/ani13152524>

Brucella ceti infection in Striped Dolphins from Italian Seas: associated lesions and epidemiological data. *Pathogens* 2023, 12(8), 1034; <https://doi.org/10.3390/pathogens12081034>

Tumor immune microenvironment (time) in BPV1-positive equine sarcoids. Poster presentation at ESVP 2023, Lisbon

Whole mitochondrial genome sequencing provides new insights into the phylogeography of loggerhead turtles (*Caretta caretta*) in the Mediterranean Sea. Poster presentation at ELVOMAR 2023, online

Identificazione e caratterizzazione molecolare di *Mycolicibacterium hassiacum*, agente causale di dermatite piogranulomatosa e pannicolite in un gatto. Poster presentation at SIDILV 2023

Genomics insights into a *Mycobacterium pinnipedii* isolate causing tuberculosis in a captive South American sea lion (*Otaria flavescens*) from Italy. *Frontiers in Microbiology*, section Infectious Agents and Disease. Dec 21:14:1303682. doi: 10.3389/fmicb.2023.1303682. eCollection 2023.

2024
2024

Whole mitochondrial genome sequencing provides new insights into the phylogeography of loggerhead turtles (*Caretta caretta*) in the Mediterranean Sea. *Mar Biol* 171, 19 (2024). <https://doi.org/10.1007/s00227-023-04325-x>

Pathogens prevalence in cetaceans stranded along the Italian coastline between 2015 – 2020. *Pathogens* 2024, 13(9), 762; <https://doi.org/10.3390/pathogens13090762>

Genomics insights into a *Mycolicibacterium hassiacum* causing infection in a cat with pyogranulomatous dermatitis and panniculitis. *Pathogens*, 2024, 13(9), 762

Are we even close? Five years marine litter ingestion monitoring in loggerhead turtles along Italian coast reveals how far we are from the Good Environmental Status. *Marine Pollution Bulletin*, 2024, 205, 116647

Histiocytic Sarcoma in a Captive Hybrid Orangutan (*Pongo* sp.): Morphological and Immunohistochemical Features. *Animals*, 2024, 14(6), 852

● **PROJECTS**

Projects

Responsible of research unit in projects (ricerca corrente) founded by the Italian Ministry of Health

Project leader in projects (ricerca corrente) founded by the Italian Ministry of Health

Responsible of research unit in strategic projects founded by the Italian Ministry of Health

● **ORGANISATIONAL SKILLS**

Organisational skills

Good organisational skills gained as manager in public health

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

good communication skills gained through my experience in teaching and in national and international congress

● **JOB-RELATED SKILLS**

Job-related skills

Good command of histopathology laboratory processes

● **EDITORIAL ACTIVITY**

Reviewer for International Scientific Journal with IF

Archives of Environmental and Occupational Health
DAO - Disease aquatic organism
Marine genome
Research Veterinary Science
Veterinary record case report
Veterinaria Italiana
Frontiers in
Acta Veterinaria Scandinavica

Associate Editor for International Scientific Journal with IF

Veterinary Record Case report