

**EUROPEAN
CURRICULUM VITAE
FORMAT**

PERSONAL INFORMATION

Name

Monica Caffara

Address

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WORK EXPERIENCE

• Dates

2002-up to now

• Name and address of employer

Department of Veterinary Medical Sciences, *Alma Mater Studiorum* University of Bologna

• Type of business or sector

Research

• Occupation or position held

Researcher

• Main activities and responsibilities

Parasitology and parasitic diseases of animals, molecular studies on parasites of fish and other animals

• Dates

2004-up to now

• Name and address of employer

Department of Veterinary Medical Sciences, *Alma Mater Studiorum* University of Bologna

• Type of business or sector

Teaching

• Occupation or position held

Teaching activities at University of Bologna, degree in:
Veterinary Medicine

• Main activities and responsibilities

Biotechnologies
Aquaculture and Fish Production Hygiene
Biomedical Laboratory Techniques
Professional Practical Training in Parasitic Diseases,
General Parasitology and Diagnostics of Parasitic Diseases,
Transmissible Diseases of Marine Mammals,
Parasitology and Parasitic Diseases in Veterinary Medicine

RESEARCH ACTIVITIES

• Dates

2002-up to now

• Name and address of employer

Department of Veterinary Medical Sciences, *Alma Mater Studiorum* University of Bologna

• Type of business or sector

Research activities

• Occupation or position held

Researcher

• Main activities and responsibilities

Epidemiological surveys of helminthic zoonoses in marine and freshwater fish with reference to the families Diphylobothridae, Opisthorchidae, Anisakidae.
Studies of major parasitic diseases in aquatic animals both wild and farmed and definition of their pathogenic effects on the host.
Studies on life cycle and epidemiology of Myxozoan parasites of freshwater and marine fish.
Study of mycobacterial fish in relation to animal health and zoonoses implications.
Morphological and molecular studies on Clinostomidae.

EDUCATION AND TRAINING

- Dates
08/05/2016 to 19/05/2016
- Name and type of organization providing education and training
EMBO (European Molecular Biology Organization) and HITS gGmbH (Heidelberg Institute for theoretical Studies) Institute of Marine Biology, Biotechnology and Aquaculture (IMBBC) of the Hellenic Centre for Marine Research (HCMR), Heraklion, Crete, Greece.
- Principal subjects/occupational skills covered
EMBO Practical Course "Computational Molecular Evolution" (3 ECTS credits)
- Title of qualification awarded
Certificate of attendance.

- Dates
07/06/2010 to 11/06/2010
- Name and type of organization providing education and training
Dipartimento di Scienze Biomediche e Cliniche "L. Sacco" Via GB Grassi, 74 - 20157 Milano
- Principal subjects/occupational skills covered
Theoretical/practical course on phylogenesis and molecular evolution of infectious agents
- Title of qualification awarded
Certificate of attendance.

- Dates
22/03/2009 to 26/03/2009
- Name and type of organization providing education and training
HelmholtzZentrum munchen, German Research Center for Environmental Health
- Principal subjects/occupational skills covered
9th Bioinformatics and system biology for molecular biologists
- Title of qualification awarded
Certificate of attendance.

- Dates
October 2005 to February 2006
- Name and type of organization providing education and training
Consejo Superior de Investigaciones Cientificas (CSIC), Instituto de Acuicultura de Torre de la Sal, Ribera de Cabanes – Castellon – España
- Principal subjects/occupational skills covered
Genetic characterization and phylogeny of myxozoan parasites affecting Mediterranean aquaculture
- Title of qualification awarded
Certificate of attendance as visiting researcher.

- Dates
January 2004 to June 2004
- Name and type of organization providing education and training
Faculty of Biotechnology, University of Urbino
- Principal subjects/occupational skills covered
First level Master in Biotechnology
- Title of qualification awarded
First level Master degree in Biotechnology

- Dates
20/09/2004 to 24/09/2004
- Name and type of organization providing education and training
Istituto Superiore di Sanità and INMI L. Spallanzani (Rome)
- Principal subjects/occupational skills covered
Fundamental of Bioinformatics
- Title of qualification awarded
Certificate of attendance

- Dates
1996-1999
- Name and type of organization providing education and training
Faculty of Veterinary Medicine, University of Turin
- Principal subjects/occupational skills covered
Research on parasites and fungi in imported ornamental fish
- Title of qualification awarded
Ph.D. in Epizootology, Epidemiology and Chemotherapy of Parasitic Diseases (25/02/2000)

- Dates February 1999 to August 1999
 - Name and type of organization providing education and training School of Veterinary Medicine, Department of Medicine and Epidemiology, University of California, Davis (USA)
 - Principal subjects/occupational skills covered Study on Proliferative Kidney Diseases and Whirling Diseases of salmonids, by PCR and *in situ* hybridization.
 - Title of qualification awarded Certificate of attendance as visiting Ph.D. Student.
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- Dates 1996
 - Name and type of organization providing education and training Faculty of Veterinary Medicine, University of Bologna
 - Principal subjects/occupational skills covered Dermatophytosis in cattle
 - Title of qualification awarded Degree in Veterinary Medicine

**PERSONAL SKILLS
AND COMPETENCES**

Mother tongue
Other languages

Italian

- Reading skills
- Writing skills
- Verbal skills

English
good
good
good

Spanish
good
good
good

**SOCIAL SKILLS
AND COMPETENCES**

Good interpersonal skills, ability to adapt to any situation, ability to work in a team and to interact with people, ability to work independently, education and personal training of undergraduate students in the lab.

**ORGANIZATIONAL SKILLS
AND COMPETENCES**

Sense of organization, ability to work under stress, ability to prepare scientific paper, presentations and posters for scientific audiences

**TECHNICAL SKILLS
AND COMPETENCES**

Extensive experience in fish parasites diagnosis using both traditional and molecular tools. Use of molecular techniques applied to identification of fish parasite. Use of bioinformatics tools for sequences and phylogenetic analysis (VectorNTI, Bioedit, Mega).

**OTHER SKILLS
AND COMPETENCES**

Good knowledge of Microsoft Office tools, such as Word, Excel, PowerPoint.
Intermediate knowledge on Unix/Linux command-line environment

Ozzano Emilia (BO), 25/02/2019

Monica Caffara