

EUROPEAN  
CURRICULUM VITAE  
FORMAT



**PERSONAL INFORMATION**

Name Monica Caffara  
Address Via Sant'Isaia 41, 40123 Bologna (Italy)  
Telephone +390512097077 Mobile +393387989663  
E-mail [monica.caffara@unibo.it](mailto:monica.caffara@unibo.it) (<https://www.unibo.it/sitoweb/monica.caffara/en>)  
Nationality Italian  
Date of birth 27/07/1967

**WORK EXPERIENCE**

- Dates 2021 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 Associate Professor
- Main activities and responsibilities Parasitology and parasitic diseases of animals, molecular studies on parasites of fish and other animals
  
- Dates 2002-2021
- 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  
Biotechnologies  
Food Safety and Food Risk Management  
Food Animal Metabolism and Management in the Circular economy  
Biomedical Laboratory Techniques
- Main activities and responsibilities Professional Practical Training in Parasitic Diseases,  
Innovative Approach to the Diagnostics of Parasitic Diseases;  
General Parasitology and Diagnostics of Parasitic Diseases,  
Parasitology and Parasitic Diseases in Veterinary Medicine  
Risk Management of Zoonotic Parasites Along the Food Chain  
Sustainable Control of Parasitic Diseases in Food Animal Production Systems

**RESEARCH ACTIVITIES**

- Dates 2002-up to now

<ul style="list-style-type: none"> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held <ul style="list-style-type: none"> <li>• Main activities and responsibilities</li> </ul> </li> </ul> </li> </ul>	<p>Department of Veterinary Medical Sciences, <i>Alma Mater Studiorum</i> University of Bologna</p> <p>Research activities</p> <p>Researcher</p> <p>Epidemiological surveys of helminthic zoonoses in marine and freshwater fish with reference to the families Diphylobothridae, Opisthorchidae, Anisakidae.</p> <p>Studies of major parasitic diseases in aquatic animals both wild and farmed and definition of their pathogenic effects on the host.</p> <p>Studies on life cycle and epidemiology of Myxozoa and Microspora parasites of freshwater and marine fish.</p> <p>Study of mycobacterial fish in relation to animal health and zoonoses implications.</p> <p>Morphological and molecular studies on Clinostomidae.</p>
<ul style="list-style-type: none"> <li>• Dates</li> <li>• Name and address of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held <ul style="list-style-type: none"> <li>• Main activities and responsibilities</li> </ul> </li> </ul>	<p>2015-up to now</p> <p>Department of Veterinary Medical Sciences, Alma Mater Studiorum University of Bologna</p> <p>Research activities in the following Eu H2020 project</p> <p>Researcher</p> <p>H2020-SFS-2014-2: "Advanced Tools and Research Strategies for Parasite Control in European farmed fish" (acronym ParaFishControl) (Grant agreement no: 634429). She is involved as task leader within WP4 - Diagnostic tools and methods, aimed to design diagnostic tools, markers and tests for quantitative identification and discrimination of parasite genotype and phenotype presenting potentially different management and risk assessment implication, in fish and in the environment. She is also involved in validation of reference molecular diagnostic methods. (Project coordinator dr. Ariadna Sitjà-Bobadilla, CSIC, Spagna) (2015-2020).</p> <p>H2020 "Consumer driven production: integrating innovative approaches for competitive and sustainable performance across the Mediterranean aquaculture value chain" (acronym PerformrFISH) (Grant agreement no. 727610) Project coordinator prof. Katerina Moutou, University of Thessaly, Grecia, by the European Union (HORIZON 2020) (2017-2022).</p> <p>H2020 "New technologies Tools and Strategies for a Sustainable, Resilient and Innovative European Aquaculture" (acronym NewTechAqua) (grant agreement No 862658) Project coordinator prof. Alessio Bonaldo UNIBO (HORIZON 2020) (2020-2023).</p>
<p><b>Publication</b></p>	<p><b>She co-authored 79 scientific papers published in international journal with IF</b></p>
<p><b>EDUCATION AND TRAINING</b></p>	<ul style="list-style-type: none"> <li>• Dates</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> </ul> <p>11-12/06/2019</p> <p>Università dell'Insubria</p> <p>Theoretical/practical Course on NGS data Analyses</p> <p>Certificate of attendance.</p> <ul style="list-style-type: none"> <li>• Dates</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> </ul> <p>08/05/2016 to 19/05/2016</p> <p>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.</p> <p>EMBO Practical Course "Computational Molecular Evolution" (3 ECTS credits)</p> <p>Certificate of attendance.</p> <ul style="list-style-type: none"> <li>• Dates</li> <li>• Name and type of organization providing education and training</li> </ul> <p>07/06/2010 to 11/06/2010</p> <p>Dipartimento di Scienze Biomediche e Cliniche "L. Sacco" Via GB Grassi, 74 - 20157 Milano</p>

- Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Dates
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Dates
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Dates
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Dates
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Dates
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Dates
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Dates
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
  - Title of qualification awarded
- Theoretical/practical course on phylogenesis and molecular evolution of infectious agents  
Certificate of attendance.
- 22/03/2009 to 26/03/2009  
HelmholtzZentrum munchen, German Research Center for Environmental Health  
9<sup>th</sup> Bioinformatics and system biology for molecular biologists  
Certificate of attendance.
- October 2005 to February 2006  
Consejo Superior de Investigaciones Cientificas (CSIC), Instituto de Acuicultura de Torre de la Sal, Ribera de Cabanes – Castellon – España  
Genetic characterization and phylogeny of myxozoan parasites affecting Mediterranean aquaculture  
Certificate of attendance as visiting researcher.
- January 2004 to June 2004  
Faculty of Biotechnology, University of Urbino  
First level Master in Biotechnology  
First level Master degree in Biotechnology
- 20/09/2004 to 24/09/2004  
Istituto Superiore di Sanità and INMI L. Spallanzani (Rome)  
Fundamental of Bioinformatics  
Certificate of attendance
- 1996-1999  
Faculty of Veterinary Medicine, University of Turin  
Research on parasites and fungi in imported ornamental fish  
Ph.D. in Epizootology, Epidemiology and Chemotherapy of Parasitic Diseases (25/02/2000)
- February 1999 to August 1999  
School of Veterinary Medicine, Department of Medicine and Epidemiology, University of California, Davis (USA)  
Study on Proliferative Kidney Diseases and Whirling Diseases of salmonids, by PCR and *in situ* hybridization.  
Certificate of attendance as visiting Ph.D. Student.
- 1996  
Faculty of Veterinary Medicine, University of Bologna  
Dermatophytosis in cattle  
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  
average  
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, DnaSP, MrBayes and other).

**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), 1/12/2023

  
Monica Caffara