

Curriculum Vitae

PERSONAL INFORMATIONS

Name	PREARO Marino
Date of birth	29/04/1960
Title	DVM
Address	Via Costituzione, 11 – San Mauro Torinese (TO)
Institution	ISTITUTO ZOOPROFILATTICO SPERIMENTALE DEL PIEMONTE, LIGURIA E VALLE D’AOSTA (IZSPLVA)
Current role	Chief of Fish Diseases Laboratory
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ACADEMIC AND PROFESSIONAL QUALIFICATIONS/WORK EXPERIENCE

Academic qualification	- Degree in Veterinary Medicine
Other academic qualifications	<ul style="list-style-type: none"> - Diploma of Agricultural expert - University of Turin (Italy) - Degree in Veterinary Medicine with a thesis entitled “<i>Infectious Hematopoietic Necrosis in Italy: research and observations</i>” - Annual training course entitled "<i>Health control of fishery products. Legislative, sanitary and technology aspects</i>"; held in Genoa, Italy from November 12, 1994 to November 18, 1995 - Annual training course entitled "<i>Innovative aspects of the production and marketing of food of animal origin</i> "; held in Gallarate (VA) from November 29, 1996 to November 22, 1997 - University of Turin (Italy), Faculty of Medicine Veterinary – Specialist in "Inspection of food of animal origin". Diploma thesis entitled "<i>Plerocercosis-diphyllobothriasis: parasitological and sanitary aspects</i>"; discussed July 9, 1998 - University of Milan (Italy), Faculty of Medicine Veterinary – Specialist in “<i>Farming, hygiene, pathology of aquatic species and control of derivative products</i>”. Diploma thesis entitled “<i>Recent acquisitions on Proliferative Kidney Disease, particularly on the epidemiological inquiry on the national territory</i>”; discussed November 14, 2001
Professional experiences (appointments held)	<ul style="list-style-type: none"> - From 01/03/2000 to 31/05/2000, term contract as a veterinarian with expertise in fish diseases, at the headquarters of Turin IZSPLVA - From 01/06/2000 to date, permanent contract as a veterinary expert in fish diseases, at the headquarters of Turin IZSPLVA
Language skills	<ul style="list-style-type: none"> - Native language ITALIAN - Other language ENGLISH (basic level)

Organizational/managerial skills	<p>- Leadership (currently responsible of research grant people training, supervisor activity)</p> <p>- Good organizational skills gained as referent for research activities contribution to publish research activities</p> <p>- Peer-reviewer activity for several scientific Journal (Aquaculture International, Aquaculture Research, Aquatic Ecology, BioMed Research International, Diseases of Aquatic Organisms, European Journal of Pharmaceutics and Biopharmaceutics, International Aquatic Research, Italian Journal of Animal Science, Italian Journal of Food Safety, Ittiopatologia, Journal of Fish Diseases, Journal of Functional Biomaterials, Journal of the World Aquaculture Society, Research in Veterinary Science, Reviews in Aquaculture, Reviews in Fish Biology and Fisheries, Turkish Journal of Fisheries and Aquatic Sciences)</p>
Training courses	<p>- Participation in training courses, seminars, national and international conferences of veterinary interest and especially about the fish disease and Aquaculture, in quality of learner and speaker</p>
Lessons	<p>- Monothematic lessons with regard to the pathology of aquatic species, aquaculture and aquatic ecotoxicology at the Faculty of Veterinary Medicine (Grugliasco-TO, Milan, Parma, Ozzano Emilia-BO, Cesenatico-FC, Padua, Udine, Pisa, Bari, Messina and Sassari), Faculty of Agriculture (Grugliasco-TO and Piacenza), graduate schools (Grugliasco-TO, Milan, Parma, Ozzano Emilia-BO, Udine, Padua, Pisa and Sassari) and ECM courses</p>
Publications	<p>- Co-author of 124 scientific publications printed in national journals (the scientific papers extract of the last 3 years is):</p> <p>GILI M., PREARO M., STELLA P., OSTORERO F. & ABETE M.C. (2014). Multiresidue screening method for detection of benzimidazoles and their metabolites in liver and muscle by high-performance liquid chromatography: method development and validation according to Commission Decision 2002/657/EC. <i>It. J. Food Safety</i>, 3, 1640: 1-5.</p> <p>SERRACCA L., BATTISTINI R., ROSSINI I., TERAROLLI A., CORSI M., PREARO M. & ERCOLINI C. (2014). <i>Anisakis</i> spp. in acciughe pescate nel Mar Ligure. <i>Industrie Alimentari</i>, 53: 11-14.</p> <p>SCANZIO T., FOGLINI C., MARTURANO S. & PREARO M. (2014). <i>Acipenseridae</i>: seconda parte. Lo storione siberiano (<i>Acipenser baerii</i>, Brandt, 1869). <i>Ittiopatologia</i>, 11, 3: 71-81.</p> <p>SCANZIO T., PEDRON C., FOGLINI C., MARTURANO S. & PREARO M. (2015). <i>Acipenseridae</i>: terza parte. Lo storione russo <i>Acipenser gueldenstaedtii</i> Brandt & Ratzburg, 1833. <i>Ittiopatologia</i>, 12, 1-2: 5-15.</p> <p>MEISTRO S., VARELLO K., RIGHETTI M., FOGLINI C., BOZZETTA E & PREARO M. (2015). Infezione da <i>Mycobacterium abscessus</i> in pesce rosso (<i>Carassius auratus</i>): caratterizzazione istologica. <i>Ittiopatologia</i>, 12, 1-2: 33-39.</p> <p>PASTORINO P., SCANZIO T. & PREARO M. (2015). I Salmonidi: sistematica, allevamento e patologie. Prima parte – Trota iridea (<i>Oncorhynchus mykiss</i>, Walbaum 1792). <i>Ittiopatologia</i>, 12, 3: 47-79.</p> <p>FOGLINI C., SCANZIO T. & PREARO M. (2015). Marcatura individuale in animali acquatici: compendio sui principali metodi utilizzati. <i>Ittiopatologia</i>, 12, 3: 81-106.</p> <p>BURIOLI E.A.V., VARELLO K. & PREARO M. (2015). Prove di captazione naturale di larve di ostrica piatta europea <i>Ostrea edulis</i> (Linneo, 1758) e di allevamento offshore: un contributo alla salvaguardia delle popolazioni selvatiche mediterranee. <i>Ittiopatologia</i>, 12, 3: 107-127.</p> <p>COSTANTINI E., BOSCO C., GUSTINELLI A., CAFFARA M., MENCONI V., SCATURRO G., QUAGLIO F., GAVAUDAN S., CAPOZUCCA A., CICCARELLI C., BISCEGLIA D., PREARO M. & FIORAVANTI M.L. (2016). Anisakiasi ittica: studio ecoparassitologico in diversi areali di pesca del Mar Adriatico centro-meridionale. <i>Ittiopatologia</i>, 13, 1: 35-56.</p> <p>DEZZUTTO D., BARBERO R., FOGLINI C., SCANZIO T., PREARO M., VITALE N., BERGAGNA S. & GENNERO M.S. (2016). Determinazione dei range di normalità dei principali parametri ematochimici in trota iridea (<i>Oncorhynchus mykiss</i>). <i>Ittiopatologia</i>, 13, 2: 89-96.</p> <p>- Co-author of 78 scientific publications printed in international journals (the scientific papers extract of the last 3 years is):</p> <p>ANTUOFERMO E., PAIS A., NUvoli S., HETZEL U., BURRAI G.P., ROCCA S., CAFFARA M., GIORGI I., PEDRON C. & PREARO M. (2014). <i>Mycobacterium chelonae</i> associated with tumor-like skin and oral masses in farmed Russian sturgeon (<i>Acipenser gueldenstaedtii</i>). <i>BMC Vet. Res.</i>, 10, 1: 18.</p> <p>GREGORI M., MIRAGLIOTTA V., LEOTTA R., CECCHINI S., PREARO M. & ABRAMO F. (2014).</p>

- Morphometric evaluation of kidney melanomacrophages aggregates in healthy rainbow trout (*Oncorhynchus mykiss*) and after bacterial challenge with *Yersinia ruckeri*. *Vet. Med. Internat.*, Article ID 210625, 7 pages: DOI:10.1155/2014/210625.
- SQUADRONE S., FAVARO L., ABETE M.C., VIVALDI B. & PREARO M. (2014). Polycyclic aromatic hydrocarbon levels in European catfish from Italian rivers. *Environmental Monitoring and Assessment*, 186, 4: 2313-2320.
- ELIA A.C., ABETE M.C., PACINI N., DÖRR A.J.M., SCANZIO T. & PREARO M. (2014). Antioxidant biomarker survey ensuing long-term selenium withdrawal in *Acipenser baeri* fed Se-cysteine diets. *Environ. Toxicol. Pharmacol.*, 37: 1131-1139.
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- VARELLO K., PREARO M., SERRACCA L., MELONI D., ROSSINI I., RIGHETTI M., PEZZOLATO M., FIORAVANTI M.L., ERCOLINI C. & BOZZETTA E. (2014). Granulomatous lesions in a wild mullet population from the Eastern Ligurian Sea (Italy): mycobacteriosis vs. pseudotuberculosis. *J. Fish Dis.*, 37, 6: 553-558.
- RIGHETTI M., FAVARO L., ANTUOFERMO E., CAFFARA M., NUVOLE S., SCANZIO T. & PREARO M. (2014). *Mycobacterium salmoniphilus* infection in a farmed Russian sturgeon, *Acipenser gueldenstaedtii* (Brand & Ratzeburg). *J. Fish Dis.*, 37, 7: 671-674.
- FAVARO L., SCANZIO T., VARELLO K., CAFFARA M., RIGHETTI M., BOZZETTA E. & PREARO M. (2014). Mixed mycobacterial infection in an adult koi carp *Cyprinus carpio* L. *J. Fish Dis.*, 37, 8: 753-755.
- RIZZO F., CERUTTI F., BALLARDINI M., MOSCA A., VITALE N., RADAELLI M.C., DESIATO R., PREARO M., PAUTASSO A., CASALONE C., ACUTIS P.L., PELETTO S. & MANDOLA M.L. (2014). Molecular characterization of Flavivirus from field-collected mosquitoes in northwestern Italy, 2011-2012. *Parasites and Vectors*, 7: e395.
- ELIA A.C., CICCOTELLI V., PACINI N., DÖRR A.J.M., GILI M., NATALI M., GASCO L., PREARO M. & ABETE M.C. (2014). Transferability of Oxytetracycline (OTC) from feed to carp muscle and evaluation of the antibiotic effects on antioxidant systems in liver and kidney. *Fish Physiol. Biochem.*, 40: 1055-1068.
- PACINI N., DÖRR A.J.M., ELIA A.C., SCOPARO M., ABETE M.C. & PREARO M. (2014). Melamine-cyanurate complexes and oxidative stress markers in trout kidney following melamine and cyanuric acid long term co-exposure and withdrawal. *Fish Physiol. Biochem.*, 40: 1609-1619.
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- SERRACCA L., BATTISTINI R., ROSSINI I., CARDUCCI A.L., VERANI M., PREARO M., TOMEI L., DE MONTIS G. & ERCOLINI C. (2014). Food safety considerations related to *Anisakis pegreffii* in anchovy (*Engraulis encrasicolus*) and sardines (*Sardina pilchardus*) fished off the "Cinque Terre" National Park (Ligurian Sea, NW Mediterranean). *Int. J. Food Microbiol.*, 190: 79-83.
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- ABETE M.C., MIGNONE W., VIVALDI B., PREARO M., RIZZI M. & SQUADRONE S. (2015). The incidence of non-dioxin-like polychlorinated biphenyls (NDL-PCB) in fat tissues of great cormorants from the River Roja, Northern Italy. *J. Vet. Pharmacol. Therap.*, 38, supplement 1: 130-131.
- CALZOLARI M., PAUTASSO A., MONTARSI F., ALBIERI A., BELLINI R., BONILAUDI P., DEFILIPPO F., LELLI D., MORENO A., CHIARI M., TAMBA M., ZANONI M., VARISCO G., BERTOLINI S., MODESTO P., RADAELLI C., IULINI B., PREARO M., RAVAGNAN S., CAZZIN S., MULATTI P., MONNE I., BONFANTI L., MARANGON S., GOFFREDO M., SAVINI G., MARTINI S., MOSCA A., FARIOLI M., BRENZONI G.L., PALEI M., RUSSO F., NATALINI S., ANGELINI P., CASALONE C., DOTTORI M. & CAPELLI G. (2015). West Nile virus surveillance in 2013 via mosquito screening in Northern Italy and the influence of weather on virus circulation. *PlosOne*, 10 (10): e0140915.
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- SQUADRONE S., PREARO M., NESPOLI R., SCANZIO T. & ABETE M.C. (2016). PCDD/Fs, DL-PCBs and NDL-PCBs in European catfish from a northern Italian lake: the contribution of an alien species to human exposure. *Ecotox. Environ. Safety*, 125: 170-175.
- SQUADRONE S., BRIZIO P., STELLA C., PREARO M., PASTORINO P., SERRACCA L., ERCOLINI C. & ABETE M.C. (2016). Presence of trace metals in aquaculture marine ecosystems in Northwestern Mediterranean Sea (Italy). *Environ. Pollution*, 215: 77-83.
- BENEDETTO A., BRIZIO P., SQUADRONE S., SCANZIO T., RIGHETTI M., GASCO L., PREARO M. & ABETE M.C. (2016). Oxidative stress related to Chlorpyrifos exposure in rainbow trout: acute and medium term effects on genetic biomarkers. *Pesticide Biochemistry and Physiology*, 129: 63-69.
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- BURIOLI E.A.V., PREARO M., RIINA M.V., BONA M.C., FIORAVANTI M.L., ARCANGELI G. & HOUSSIN M. (2016). Ostreid Herpesvirus type 1 (OsHV-1) genomic variability in wild populations of Pacific oyster *Crassostrea gigas* in Italian waters. *J. Invert. Pathol.*, 137: 71-83.
- GUSTINELLI A., MENCONI V., PREARO M., CAFFARA M., RIGHETTI M., SCANZIO T., RAGLIO A. & FIORAVANTI M.L. (2016). Plerocercosis by *Diphyllbothrium latum* in fish from Northern Italy and risks for the consumer. *Internat. J. Food Microbiol.*, 235: 109-112.
- SQUADRONE S., BURIOLI E., MONACO G., KOYA M.K., PREARO M., GENNERO S., DOMINICI A. & ABETE M.C. (2016). Human exposure to metals due to consumption of fish from a lake artificial basin close to an active mining area in Katanga (D.R. Congo). *Sci. Total Environ.*, 568: 679-684.
- BIGARRÈ L., LESNE M., LAUTRAITE A., CHESNEAU V., LEROUX A., JAMIN M., BOITARD P.M., TOFFAN A., PREARO M., LABRUT S. & DANIEL P. (2016). Molecular identification of iridoviruses infecting various sturgeon species in Europe. *J. Fish Dis.*, DOI: 10.1111/jfd.12498.
- TATICCHI M.I., DÖRR A.J.M., PREARO M. & ELIA A.C. (2016). *Plumatella repens* (Linnaeus, 1758) (Bryozoa: Phylactolaemata) collected from an alpine lake in the Italian dolomites. *It. J. Zoology*, 83, 3: 382-389.
- ANTUOFERMO E., PAIS A., POLINAS M., CUBEDDU T., RIGHETTI M., SANNA M.A. & PREARO M. (2016). Mycobacteriosis caused by *Mycobacterium marinum* in reared mullets: first evidence from Sardinia (Italy). *J. Fish Dis.*, DOI: 10.1111/jfd.12515.
- ELIA A.C., PACINI N., FIORAVANTI M.L., DÖRR A.J.M., ZACCARONI A., PARMEGGIANI A., GUSTINELLI A., MORDENTI O., ABETE M.C. & PREARO M. (2016). Assessment of detoxifying markers for Florfenicol in rainbow trout liver. *J. Aquat. An. Health*, 28: 258-265.
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- GUSTINELLI A., BARBIERI S., FIORAVANTI M.L., CAFFARA M., GOVONI G., RUBINI S., BERGAMINI M., RAGLIO A. & PREARO M. (2016). Freshwater fish-borne parasitic zoonoses in Italy. *Eur. J. Public Health*, 26, supplement 1: 453-454.
- ANTUOFERMO E., ARIU R., BURRAI G.P., POLINAS M., SANNA M.A., ESPOSITO G., PREARO M. & PAIS A. (2016). First evidence of intersex condition in extensively reared mullets from Sardinia lagoons (Central-western Mediterranean, Italy). *It. J. An. Science*, accepted in press.