





PERSONAL INFORMATION

Marzia Pezzolato



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Sex Female | Date of birth 10/02/1979 | Nationality Italy

CURRENT QUALIFICATIONS

Veterinarian at IZSPLVA
 Researcher for the National Reference Center for biological screening of anabolic substances in food producing animal

WORK EXPERIENCE

[Add separate entries for each experience. Start from the most recent.]

01/09/08- to date

Researcher

Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta- Via Bologna 148, 10154 Torino ITALY
www.izsto.it

- Research activity in Italian projects to validate, reliable and fast tools to identify illicit treatments of animals
- Research activity in Italian project to standardize and validate valid, reliable and fast tools to differentiate fresh from frozen fish products

01/12/07 to 31/08/08

SS histopathology

Researcher

Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta- Via Bologna 148, 10154 Torino ITALY
www.izsto.it

- Research activity on development of a diagnostic tool for PCVDS and prevalence of the disease in Piedmont

01/12/06-30/11/07

SS histopathology

Researcher

Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta- Via Bologna 148, 10154 Torino ITALY
www.izsto.it

- Research activity on tumors of animals

21/12/04-30/11/06

SS histopathology

Researcher

Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta- Via Bologna 148, 10154 Torino ITALY
www.izsto.it

- Research activity on tipization of strains of Listeria monocytogenes isolates from ruminants, men and food

SS histopathology

EDUCATION AND TRAINING

[Add separate entries for each course. Start from the most recent.]

February 2013

PhD in veterinary hygiene and animal pathology

Milan University - Veterinary

July 2007 **Specialization degree in “Breeding, hygiene, pathology of aquatic animals and inspection of fish-products”**
Milan University - Veterinary

October 2003 **Degree in Veterinary Medicine**
Turin University- Veterinary

PERSONAL SKILLS

[Remove any headings left empty.]

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
Replace with language	Basic user	Basic user	Basic user	Basic user	Basic user

Communication skills ▪ good communication skills gained through my work experience with different research group

Organisational / managerial skills Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta- Via Bologna 148, 10154 Torino ITALY
▪ leadership:currently responsible for 2 Italian research project

Job-related skills ▪ good command of quality control processes: responsible for validation of histological and immunohistochemical procedures

Computer skills ▪ good command of Microsoft Office™ tools

Other skills ▪ draw

Driving licence ▪ B

ADDITIONAL INFORMATION

Publication

1. Bozzetta E., Pezzolato M., Grattarola C., Banchi C., “Reperti anatomico-istopatologici ed immunostochimici dello Schwannoma bovino” Atti del I congresso nazionale A.I.P.Vet Gargnano BS 30 Aprile-1 Maggio 2004 , p. 57-60
2. Pezzolato M., Varello K., Mignone W., Caroggio P., Bozzetta E. “Osteopatia ipertrofica pneumatica: rilievi anatomico-istopatologici in un setter inglese” Obiettivi e documenti veterinari, vol. 11, anno 2006. p. 37-39.
3. Varello K., Pezzolato M., Prearo M., Pavoletti E., Mascarino D., Bozzetta E. “Trasmissione sperimentale di *Mycobacterium gordonae* in Gourami blu (*Trichogaster trichopterus*): caratterizzazione istologica ed immunostochimica.” Ittiopatologia, 2007, 4: 67-74.
4. Varello K., Pezzolato M., Mascarino D., Ingravalle F., Caramelli M., Bozzetta E. “Comparison of histologic techniques for the diagnosis of bovine tuberculosis in the framework of eradication programs” J Vet Diagn Invest. 2008 Mar;20(2):164-9.
5. Pezzolato M., Varello K., Mascarino D., Bozzato E., Vascellari M., Bozzetta E. “Intra-abdominal leiomyosarcoma in a ferret (*Mustela putorius furo*): histopathological and immunostochimical characterization”. J Vet Med Sci. 2008 May;70(5):513-5.
6. Varello K., Pezzolato M., Audino V., Ingravalle F., Zoppi S., Dondo A., Caramelli M., Bozzetta E. “Diagnosi di tubercolosi bovina: accuratezza dell’esame istopatologica e delle tecniche istochimiche ed immunostochimiche nell’ambito dei piani di eradicazione” Large animal review Giugno 2008;14:109-114.

7. Corona C., Porcario C., Martucci F., Iulini B., Manea B., Gallo M., Palmitessa C., Maurella C., Mazza M., Pezzolato M., Acutis P., Casalone C. (2009) "Olfactory System involvement in Natural Scrapie" J Virol. 3657-67
8. Varello K., Pezzolato M., Dondo A., Borlatto L., Szeredi L., Bozzetta E. (2010) "Caratterizzazione istologica ed immunostochimica della linfadenite da *Rhodococcus equi* ai fini della diagnosi differenziale con *Mycobacterium bovis* nel bovino" Large Animal Review 2: 59-61
9. Meloni D, Varello K, Pezzolato M, Manzardo E, Cavarretta MC, Ingravalle F, Caramelli M, Bozzetta E. (2010) Effect of autolysis on the specificity of bovine spongiform encephalopathy rapid tests. BMC Res Notes. 14;3(1):193.
10. Bozzetta Elena, Varello Katia, Giorgi Ilaria, Fioravanti Maria Letizia, Pezzolato Marzia, Zanoni Renato Giulio, Prearo Marino (2010) "*Mycobacterium marinum* infection in a hybrid striped bass farm in Italy" Journal of Fish Diseases 33: 781-785
11. Bozzetta E., Pezzolato M., Maurella C., Varello K., Capra P., Meloni D., Bellino C., Borlatto L., Caramelli M. (2010) L'istologia come metodo di screening per il rilievo di trattamento illecito con estrogeni nei vitelli Large Animal Review 16: 107-111
12. Ferranti C., Delli Quadri F., Palleschi L., Marchiafava C., Pezzolato M., Bozzetta E., Caramelli C., Draisci R. (2011) Studies on the presence of natural and synthetic corticosteroids in bovine urine. Steroids, 76: 616-625
13. Pezzolato M., Maurella C., Varello K., Meloni D., Bellino C., Borlatto L., Di Corcia D., Capra P., Caramelli C., Bozzetta E. (2011) High sensitività of a histological method in the detection of low dosage illicit treatment with 17 β -estradiol in male calves. Food control, 22:1668-1673.
14. Bozzetta E., Pezzolato M., Maurella C., Varello K., Richelmi G.B., Draisci R., Ferranti C., D'Angelo A., Caramelli C. (2011) Development of an enhanced histopathological approach to detect low-dose dexamethasone illicit treatment in veal calves. Food Additives and Contaminants DOI10.1080/19440049.2011.584909
15. Bozzetta E., M. Pezzolato , C. Maurella , K. Varello , G.B. Richelmi , R. Draisci, C.Ferranti, A. D'Angelo & M. Caramelli (2011) "Development of an enhanced histopathological approach to detect low-dose dexamethasone illicit treatment in veal calves" Food Additives and Contaminants 28 (9) 1187–1192
16. Pezzolato M., E. Maina, S. Lonardi, E. Bozzetta, F. Grassi, E. Scanziani, E. Radaelli (2012) "Development of tertiary lymphoid structures in the kidneys of pigs with chronic leptospiral nephritis" Veterinary Immunology and Immunopathology, 145(2012) 546 – 550
17. Bozzetta E, Pezzolato M, Cencetti E, Varello K, Abramo F, Mutinelli F, Ingravalle F, Teneggi E. (2012) "Histology as a valid and reliable tool to differentiate fresh and frozen thawed fish" Journal of Food Protection 2012 Aug; 75(8):1536-41
18. Riina M.V., Gilli M., Costa R., Colussi S., Bertuzzi S., Trisorio S., Gili S., Perazzini A.Z., Pezzolato M, Richelmi G, Bozzetta E., Acutis P.L. (2012) Evaluation of DNA markers for fish identification Journal of Food Safety; volume 1, No 6
19. Ricciardi C, Ferrante I, Castagna R, Frascella F, Marasso SL, Santoro K, Gili M, Pitardi D, Pezzolato M, Bozzetta E. (2013) "Immunodetection of 17 β –estradiol in serum at ppt level by microcantilever resonator" Biosens Bioelectron. 2012 Aug 29. Volume 40 Issue 1-2013 Feb 15; 407-411
20. Uslenghi F, Divari S, Cannizzo FT, De Maria R, Spada F, Mulasso C, Pezzolato M, Bozzetta E, Attucci A, Giorgi P, Biolatti B. (2013) "Application of absolute qPCR as a screening method to detect illicit 17 β -oestradiol administration in male cattle". Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2013 Feb Volume 30 Issue 2:253-63
21. Pezzolato M. , G.B. Richelmi , C. Maurella , D. Pitardi , K. Varello , M. Caramelli , E. Bozzetta (2013) "Histopathology as a simple and reliable method to detect 17 β -oestradiol illegal treatment in male calves" Food Additives & Contaminants: Part A, 30(6):1096-99
22. C.Ferranti, M. Famele, L. Palleschi, E. Bozzetta, M. Pezzolato, R. Draisci (2013) "Excretion profile of corticosteroids in bovine urine compared with tissue residues after therapeutic and growth-promoting administration of dexamethasone" Steroids 78 (9): 803–812
23. Borrelli A, Bellino C, Bozzetta E, Bruno B, Falco S, Maurella C, Gianella P, Pezzolato M, Cagnasso A, D'Angelo A. (2013) Thromboelastometry in veal calves to detect hemostatic variations caused by low doses of dexamethasone treatment. BMC Vet Res. 26;9:55.
24. K Varello, M Prearo, L Serracca, D Meloni, I Rossini, M Righetti, M Pezzolato, M L Fioravanti, C Ercolini and E Bozzetta (2013) "Granulomatous lesions in a wild mullet population from the eastern Ligurian Sea (Italy): mycobacteriosis vs. Pseudotuberculosis" Journal of Fish Diseases 2013 doi:10.1111/jfd.12155
25. Bozzetta, E; Pitardi, D ; Cini, B; Paleologo, M; Brouwer, A; Behnisch, P; Vincenti, M; Capra, P; Gili, M; Pezzolato, M, Meloni D (2013) Synthetic glucocorticoids in bovine urine: From targeted to untargeted detection. TOXICOLOGY LETTERS 221: S67-S68 DOI: 10.1016/j.toxlet.2013.05.042
26. Richelmi, GB; Maurella, C; Pezzolato, M ; Longo, D; Meistro, S; Bozzetta, E (2013) Comparative study between apoptotic and proliferative markers in dexamethasone-dependent and physiological thymic atrophy in cattle. TOXICOLOGY LETTERS 221: S62-S62 DOI: 10.1016/j.toxlet.2013.05.026
27. Pitardi D., Pezzolato M., Cavarretta M., Richelmi G., Gili M., Di Corcia D., Ciprianetti N., Ferrante I., Santoro K., Ricciardi C., Bozzetta E., (2013) Development of an innovative microcantilever-based biosensor for 17 β -estradiol detection in bovine muscles: preliminary results. Italian Journal of Food Safety 2013; volume 2:e12
28. Richelmi G.B., Pezzolato M., Gili S., Gallina S., Decastelli L., Tarasco R., Abete M.C., Ingravalle F., Serracca L., Pavino D., Vivaldi B., Riina M.V., Acutis P.L., Prearo M., Caramelli M., Bozzetta E. (2013) Pilot project to set up a control programme on fishery products. Italian Journal of Food Safety ; volume 2:e25
29. Ardizzone, M; Vizio, C, Bozzetta, E; Pezzolato, M; Meistro, S; Dondo, A; Giorgi, I; Seghesio, A; Mirabelli, D; Capella, S, [Vigliaturo, R](#) ; [Belluso, E](#) (2014) The wild rat as sentinel animal in the environmental risk assessment of asbestos pollution: A pilot study. SCIENCE OF THE TOTAL

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31. Varello, K; Prearo, M; Serracca, L; Meloni, D; Rossini, I; Righetti, M; Pezzolato, M; Fioravanti, ML; Ercolini, C; Bozzetta, E (2014) Granulomatous lesions in a wild mullet population from the eastern Ligurian Sea (Italy): mycobacteriosis vs. pseudotuberculosis. *JOURNAL OF FISH DISEASES* 37 (6): 553-558 DOI: 10.1111/jfd.12155
32. Richelmi, GB; Pezzolato, M; Botta, M; Pitardi, D; Meistro, S; Baioni, E; Maurella, C; Bozzetta, E (2014) Cleaved Lamin-A as an efficient marker of anabolic treatment with glucocorticoids in calves. *TOXICOLOGY LETTERS* 229: S181-S181 DOI: 10.1016/j.toxlet.2014.06.619
33. Pitardi, D; Meloni, D; Olivo, F; Cavarretta, M; Loprevite, D; Richelmi, GB; Capra, P ; Gili, M ; Ingravalle, F ; Pezzolato, M, Meloni D, Bozzetta E. (2014) Validation of a reporter gene assay for the detection of synthetic glucocorticoids in calf urine samples. *TOXICOLOGY LETTERS* 229: S181-S182
34. Meistro, S; Peletto, S; Pezzolato, M; Varello, K; Botta, M; Richelmi, G ; Biglia, C; Baioni, E ; Modesto, P; Acutis, P , Bozzetta E. (2015) *Sarcocystis* spp. prevalence in bovine minced meat: a histological and molecular study. *ITALIAN JOURNAL OF FOOD SAFETY* 4 (2): 85-87. DOI: 10.4081/ijfs.2015.4626
35. Pitardi, D; Cini, B; Paleologo, M; Brouwer, A; Behnisch, P; van der Linden, S; Vincenti, M, Capra, P; Gili, M; Pezzolato, M, [Meloni, D](#) ; [Bozzetta, E](#) (2015) Effect-based detection of synthetic glucocorticoids in bovine urine. *Food Additives And Contaminants Part A-Chemistry Analysis Control Exposure & Risk Assessment*. 32 (2): 194-204. DOI: 10.1080/19440049.2014.996788
36. Nebbia, C; Spalenza, V; Carletti, M; Girolami, F; Badino, P; Pezzolato, M; Bozzetta, E (2015) Modulation of tyrosine aminotransferase activity by natural and synthetic glucocorticoids in a rat hepatoma cell line. *JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS*. 38 (S1): 119-120
37. Botta, M; Richelmi, G; Baioni, E; Pezzolato, M; Bozzetta, E (2015) Histological biomarkers to reveal low-dose dexamethasone illicit administration in veal calves: results from a three years experimental study. *JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS* 38 (S1): 117-118
38. Pitardi, D; Meloni, D; Olivo, F; Cavarretta, MC; Loprevite, D; Brouwer, A; Behnisch, P; Botta, M; Pezzolato, M; Bozzetta, E (2015) The first BIO-survey on synthetic glucocorticoid abuse in food producing bovines. *TOXICOLOGY LETTERS* 238 (2): S76-S77 DOI: 10.1016/j.toxlet.2015.08.262
39. Botta, M; Pezzolato, M; Richelmi, GB; Ferranti, C; Famele, M; Draisci, R; Meloni, D; Baioni, E; Bozzetta, E (2015) Histopathological approach for the screening of illicit administration of nandrolone in veal calves. *TOXICOLOGY LETTERS* 238 (2) :S88-S89 DOI: 10.1016/j.toxlet.2015.08.295
40. Famele, M; Ferranti, C; Palleschi, L; Abenavoli, C; Fidente, RM; Pezzolato, M; Botta, M; Bozzetta, E; Draisci, R (2015) Quantification of natural and synthetic glucocorticoids in calf urine following different growth-promoting prednisolone treatments. *STEROIDS* 104:196-202 . DOI: 10.1016/j.steroids.2015.10.002
41. Pezzolato, M, Botta, M; Baioni, E; Richelmi, GB; Pitardi, D; Varello, K; Caramelli, M; Bozzetta, E (2016) Confirmation of the progesterone receptor as an efficient marker of treatment with 17 beta-estradiol in veal calves. *Food Additives And Contaminants Part A-Chemistry Analysis Control Exposure & Risk Assessment* 33 (1): 60-65 DOI: 10.1080/19440049.2015.1107918

22 Novembre 2016