



Curriculum Vitae of Katia Varelo

Personal information

First name(s) / Surname(s) **Katia Varelo**
Address(es) STRADA DELLA COSTA 2, 10087, VALPERGA (TO), ITALY
Telephone(s) +390112686254 Mobile:
E-mail katia.varelo@izsto.it
Nationality Italian
Date of birth MAY, 27, 1976
Gender Female

Work experience

Dates	Since 1/08/2007 to present date
Occupation or position held	Researcher at the Department of Histopathology and Rapid Tests.
Main activities and responsibilities	<p>Histopathological diagnosis applied to animal pathology. Research on immunohistochemical techniques applied to diagnosis of neoplastic and infectious diseases.</p> <p>Involved in national TSE /BSE surveillance and in audit activities to supervise the TSE rapid test national laboratories activity.</p> <p>Experience in histology applied to food safety.</p> <p>Involved in national and regional plans to eradicate bovine Tuberculosis.</p> <p>Involved in projects for the health surveillance on cetaceans found stranded along the Ligurian Sea coast of Italy.</p> <p>I investigate the prevalence of microscopic atypical mycobacteriosis lesions in marine and freshwater fish in northern Italy.</p> <p>Involved in national surveillance plan for molluscs parasites according to Council Directive 2006/88/EC.</p>
Name and address of employer	Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta - Via Bologna 148 Torino
Type of business or sector	Public health
Dates	From 01/06/2007 to 31/07/07
Occupation or position held	Post degree scholarships
Main activities and responsibilities	Research activity in Histopathology Laboratory on hepatic tumours of cattle induced by aflatoxins, especially on immunohistochemistry
Name and address of employer	Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta - Via Bologna 148 Torino
Dates	From 01/08/2005 to 31/05/07
Occupation or position held	Post degree scholarships
Main activities and responsibilities	Research activity in Histopathology Laboratory on animal oncology, particularly feline mammary carcinoma as model for human tumor with characterization of c-erbB2 e p53 oncogenes as markers of tumoral progression.
Name and address of employer	Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta - Via Bologna 148 Torino
Dates	From 01/06/2004 to 30/06/05
Occupation or position held	Post degree scholarships
Main activities and responsibilities	Research activity in Histopathology Laboratory on tuberculosis in the frame of eradication programmes. I worked on evaluation, validation of histological, histochemical, and immunohistochemical techniques for the diagnosis of bovine tuberculosis.

Name and address of employer Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta - Via Bologna 148 Torino

Education and training

Dates From 2012 to 2016
Title of qualification awarded Ph.D in Veterinary Sciences
Principal subjects/occupational skills covered Project about the zoonotic potential of marine fish protozoa and microsporidia.
Name and type of organisation providing education and training Department of Public Veterinary Health and Animal Pathology, Bologna University
Dates March 2008
Title of qualification awarded Descriptive veterinary pathology course, Armed Forces Institute of Pathology (1 week)
Name and type of organisation providing education and training Faculty of Veterinary Medicine, Dublin University
Dates From 8/01/07 to 19/01/07
Title of qualification awarded Training stage on animal pathology and histopathology
Name and type of organisation providing education and training Faculty of Veterinary Medicine, Zurich University (Prof. A. Pospischil).
Dates From 2004 to 2007
Title of qualification awarded Specialization degree in "Animal health, breeding and zootechnical productions"
Principal subjects/occupational skills covered Studies about bovine tuberculosis with production of a thesis entitled: "Comparison of histochemical and immunohistochemical techniques for the identification of *M. bovis* in tubercular lesions"
Name and type of organisation providing education and training Faculty of Veterinary Medicine, Turin University
Dates From 1995 to 2002
Title of qualification awarded Degree in Veterinary Medicine
Principal subjects/occupational skills covered Studies about apoptosis with thesis production entitled "Flow cytometric evaluation of the triphenyltin acetate (TPTA)-induced apoptosis in primary cultures of mouse thymocytes"
Name and type of organisation providing education and training Faculty of Veterinary Medicine, Turin University

Personal skills and competences

Mother tongue(s) ITALIAN

Other language(s)

Self-assessment
European level (*)

ENGLISH

FRENCH

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
Good	Good	Good	Good		Good
Basic	Basic	Basic	Basic		Basic

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Good attitude for living and working with other people.
Availability for removals in Italy and abroad.

Computer skills and competences Operating System: Windows 98 / 2000 / XP/Vista
Microsoft Applications: Internet Explorer, Word, Excel, Adobe Photoshop and Power Point.

Other skills and competences Interest in: reading, travelling and trekking

Driving licence B (Italian)

Additional informations

Publications

Author of 90 abstract presented in national and international congresses.

Author of 30 national and international publications.

International Publications:

1. **Varello K.**, Pezzolato M., Mascarino D., Ingravalle F., Caramelli M., Bozzetta E. (2008). Comparison of histologic techniques for the diagnosis of bovine tuberculosis in the framework of eradication programs. *J Vet Diagn Invest*, 20(2):164-9.
2. Pezzolato M., **Varello K.**, Mascarino D., Bozzato E., Vascellari M., Bozzetta E. (2008). Intra-abdominal leiomyosarcoma in a ferret (*Mustela putorius furo*): histopathological and immunohistochemical characterization. *J Vet Med Sci*, 70(5):513-5.
3. Bozzetta E., **Varello K.**, Giorgi I., Fioravanti M. L., Pezzolato M., Zanoni R. G., Prearo M. (2010). *Mycobacterium marinum* infection in a hybrid striped bass farm in Italy. *J Fish Dis* 33(9): 781-5.
4. Meloni D., **Varello K.**, Pezzolato M., Manzardo E., Cavarretta M. C., Ingravalle F., Caramelli M., Bozzetta E. (2010). Effect of autolysis on the specificity of bovine spongiform encephalopathy rapid tests. *BMC Res Notes*. 3:193.
5. Bozzetta E., Nappi R., Crudeli S., Meloni D., **Varello K.**, Loprevite D., Melis P., Mazza M., Colussi S., Ingravalle F., Ru G., Nonno R., Ligios C. (2011). Comparative performance of three TSE rapid tests for surveillance in healthy sheep affected by scrapie. *J Virol Methods* 173: 161-8.
6. Pezzolato M., Maurella C., **Varello K.**, Meloni D., Bellino C., Borlatto L., Di Corcia D., Capra P., Caramelli M., Bozzetta E. (2011). High sensitivity of a histological method in the detection of low-dosage illicit treatment with 17 β -estradiol in male calves. *Food Control* 22: 1668-1673.
7. Bozzetta E., Pezzolato M., Maurella C., **Varello K.**, Richelmi G.B., Draisci R., Ferranti C., D'Angelo A., Caramelli M. (2011). Development of an enhanced histopathological approach to detect low-dose dexamethasone illicit treatment in veal calves. *Food Addit Contam Part A* 28:1187-92.
8. Decaro N., Mari V., von Reitzenstein M., Lucente M. S., Cirone F., Elia G., Martella V., King V. L., Di Bello A., **Varello K.**, Zhang S., Caramelli M., Buonavoglia C. (2012). A pantropic canine coronavirus genetically related to the prototype isolate CB/05. *Vet Microbiol* 159: 239-244.
9. 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 from frozen-thawed fish. *J Food Prot*. 75(8):1536-41
10. Meloni D., Davidse A., Langeveld J.P., **Varello K.**, Casalone C., Corona C., Balkema-Buschmann A., Groschup M.H., Ingravalle F., Bozzetta E. (2012). EU-approved rapid tests for bovine spongiform encephalopathy detect atypical forms: a study for their sensitivities. *PLoS One* 7 (9): e43133. doi: 10.1371/journal.pone.0043133
11. Pezzolato M., Richelmi G.B., Maurella C., Pitardi D., **Varello K.**, Caramelli M., Bozzetta E. (2013). Histopathology as a simple and reliable method to detect 17 β -oestradiol illegal treatment in male calves. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess*. DOI:10.1080/19440049.2013.788256
12. 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*. 2014 37(8):753-5
13. **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. *J Fish Dis*. 37(6):553-8.
14. Decaro N, Lanave G, Lucente MS, Mari V, **Varello K.**, Losurdo M, Larocca V, Bozzetta E, Cavaliere N, Martella V, Buonavoglia C. (2014) Mucosal disease-like syndrome in a calf persistently infected by Hobi-like pestivirus. *J Clin Microbiol*. 52(8): 2946-54.
15. Modesto P., Grattarola C., Biolatti C., **Varello K.**, Casalone C., Mandola M. L., Caruso C., Dondo A., Gorla M., Rocca F., Decaro N., Leonardi C., Iulini B., Acutis P.L. (2015) First report of malignant catarrhal fever in a captive pudu (*Pudu puda*). *Res Vet Sci* 99:212-4.
16. Meistro S., Peletto S., Pezzolato M., **Varello K.**, Botta M., Richelmi G.B., Biglia C., Baioni E., Modesto P., Acutis P.L., 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
17. Decaro N., Losurdo M., Larocca V., Lucente M.S., Mari V., **Varello K.**, Patruno G., Camero M., Sciarra M., Occhiogrosso L., Tempesta M., Iulini B., Buonavoglia C. (2015). HoBi-like pestivirus experimental infection in pregnant ewes: Reproductive disorders and generation of persistently infected lambs. *Vet Microbiol* 178(3-4):173-80.
18. Grindatto A., Ferraro G., **Varello K.**, Crescio M.I., Miceli I., Bozzetta E., Gorla M., Nappi R. (2015) Molecular and histological characterization of bovine papillomavirus in North West Italy. *Vet Microbiol* 180 (1-2):113-7.
19. Pezzolato M., Botta M., Baioni E., Richelmi G.B., Pitardi D., **Varello K.**, Caramelli M., Bozzetta E. (2015). Confirmation of the progesterone receptor as an efficient marker of treatment with 17 β -estradiol in veal calves. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess* 33(1):60-5. doi: 10.1080/19440049.2015.1107918.

20. Pezzolato M., Botta M., Baioni E., Richelmi G.B., Pitardi D., **Varello K.**, Caramelli M., Bozzetta E. (2015) Confirmation of the progesterone receptor as an efficient marker of treatment with 17 β -estradiol in veal calves. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess* 33(1):60-5. doi: 10.1080/19440049.2015.1107918.
21. Grattarola C, Giorda F, Iulini B, Pintore MD, Pautasso A, Zoppi S, Gorla M, Romano A, Peletto S, **Varello K**, Garibaldi F, Garofolo G, Di Francesco CE, Marsili L, Bozzetta E, Di Guardo G, Dondo A, Mignone W, Casalone C. (2016). Meningoencephalitis and *Listeria monocytogenes*, *Toxoplasma gondii* and *Brucella* spp. coinfection in a dolphin in Italy. *Dis Aquat Organ*. 118(2):169-74. doi: 10.3354/dao02957.
22. Pintore M.D., Corbellini D., Chieppa M.N., Vallino Costassa E., Florio C.L., **Varello K.**, Bozzetta E., Adriano D., Decaro N., Casalone C., Iulini B. (2016). Canine adenovirus type 1 and *Pasteurella pneumotropica* coinfection in a puppy. *Vet Ital*. 52(1):57-62. doi: 10.12834/VetIt.270.934.1.
23. Brovedani V., Sosa S., Poli M., Forino M., Varello K., Tubaro A., Pelin M. (2016) A revisited hemolytic assay for palytoxin detection: Limitations for its quantitation in mussels. *Toxicon*. 119:225-33. doi: 10.1016/j.toxicon.2016.06.013.

Turin, November 30th, 2016

Katia Varello