


PERSONAL INFORMATION

Serena Robetto

 Istituto Zooprofilattico Sperimentale Piemonte, Liguria e Valle d'Aosta – S.C. Valle d'Aosta con Annesso CeRMAS (National Reference Centre of Wildlife Diseases) – Località Amerique 7G Quart (AO) ITALY

Nationality Italian

POSITION,
OCCUPATIONAL FIELD**Veterinarian – Wildlife pathology**

WORK EXPERIENCE

Since 01/03/2019 to present

Veterinarian (full time permanent position)

Istituto Zooprofilattico Sperimentale Piemonte, Liguria e Valle d'Aosta – S.C. Valle d'Aosta con Annesso CeRMAS (National Reference Centre of Wildlife Diseases) – Località Amerique 7G Quart (AO) ITALY

-Management activities of the National Reference Centre of Wildlife Diseases (forensic science, pathological examination -gross necropsy- with supporting laboratory investigation).
-Veterinarian involved in several research projects (Ministry of Health) and supporting national and regional surveillance plans for wild animal diseases.

Animal health and public health

Since 01/11/2010 to 28/02/2019

Veterinarian (fixed-term contract)

Istituto Zooprofilattico Sperimentale Piemonte, Liguria e Valle d'Aosta – S.C. Valle d'Aosta con Annesso CeRMAS (National Reference Centre of Wildlife Diseases) – Località Amerique 7G Quart (AO) ITALY

-Gross post-mortem examination of wildlife, forensic science and pathological examination (gross necropsy with supporting laboratory investigation). Veterinarian involved in several research projects (Ministry of Health) and supporting national and regional surveillance plans for wild animal diseases.

Animal health and public health

From 30/06/2003 to 31/10/2010

Post degree scholarships

Istituto Zooprofilattico Sperimentale Piemonte, Liguria e Valle d'Aosta – S.C. Valle d'Aosta con Annesso CeRMAS CeRMAS (Centro di Referenza Nazionale per le Malattie degli Animali Selvatici / National Reference Centre of Wildlife Diseases) – Località Amerique 7G Quart (AO) ITALY

Veterinarian involved in many research projects (Ministry of Health) on wildlife diseases.

-Vet involved in the research project (Ministry of Health) "Epidemiological surveillance in wildlife rescue centres: health surveillance of birds of prey and *passerines* to develop a prevention system of zoonosis (Chlamydia and Salmonella infections, Avian Flu, Newcastle diseases, West Nile Fever) and wild birds parasitic diseases" (from 10-04-10 to 31-10-10)

-Vet involved in the research project (Ministry of Health): "Trichinellosis in wild environment: evaluation of the epidemiological role of carnivores, wild boar, micromammals and repercussions for public health" (from 03-04-08 to 09-04-10)

-Vet involved in the research project (Ministry of Health): "The role of wild migratory bird in the research and supervision of Avian Flu" (from 13-09-07 to 30-03-08)

-Vet involved in the research project (Ministry of Health): "Wild ungulates: research of serological test for diagnosis of Paratuberculosis (*Mycobacterium paratuberculosis*) and *Coxiella burnetii* / *Rickettsia conorii* infections" (from 01-07-05 to 12-09-07)

-Vet involved in the research project (Ministry of Health): "Every animals tells itself: control system for several species" (from 01-07-03 to 30-06-05)

Animal health and public health

From 10/02/2003 to 30/06/2003

Veterinarian volunteer

Istituto Zooprofilattico Sperimentale Piemonte, Liguria and Valle d'Aosta – Departement of Aosta Valley - Via Guido Rey,5 – CeRMAS CeRMAS (Centro di Referenza Nazionale per le Malattie degli Animali Selvatici / National Reference Centre of Wildlife Diseases)
-Veterinary training on diseases of wildlife

Animal health and public health

EDUCATION AND TRAINING

From 05/05/2016 to 30/06/2016

Legal veterinary medicine and inspection: forensics and judicial police

Faculty of Veterinary Medicine, University of Milan, Milano (ITALY)

- Advanced Course of Forensic Sciences

From 07/05/2015 to 18/06/2015

Veterinary medicine and forensic criminal investigation activities: standards, methods, fields of application and the role of the veterinarian

Faculty of Veterinary Medicine, University of Milan, Milano (ITALY)

- Advanced Course of Forensic Sciences

From 04/05/2012 to 29/06/2012

Wildlife and public health

Faculty of Veterinary Medicine, University of Milan, Milano (ITALY)

- Advanced Course

14/06/2007

Post Graduate Specialization course on “Swine pathology” (3 years)

Faculty of Veterinary Medicine, University of Turin, Torino (ITALY)

- Studies about intestinal pathology of Lawsonia intracellularis whit production of a thesis entitled: " Setting up a monitoring plan against Lawsonia intracellularis in a national pig-farm reality at open-cycle"

16/07/2002

Degree in Veterinary Medicine

Faculty of Veterinary Medicine, University of Turin, Torino (ITALY)

- Studies about lung pathology of MAEDI whit thesis production entitled " Contribution to the study of MAEDI in sheep"

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	B2	C1	B2	B2	B2
English	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained through my experience as lecturer, invited speaker (oral and poster presentation at scientific meeting) and as a mentor.

Organisational skills

- good organizational skills gained during handling of samples in the field or a post-mortem examination in the laboratory
- good experience in drafting research projects on wildlife diseases

Computer skills and competences

- Good ability to use major computer systems especially in the Windows environment.
- Habitual use of various software: Microsoft Access, Excel, Power Point, Word, Corel Draw, Photo Shop.

Other skills, hobby

Teaching activity:

- Lecturer in « pathology of wildlife and game» , University of Teramo (Italy), Faculty of Veterinary Medicine, Specialization course in Veterinary Inspection on food of animal origin, Specialization course Animal health, breeding and production
- Teacher at the school “CERF” (Centre Education Régional de la faune / Regional Wildlife Education Center) – Regione Autonoma Valle d’Aosta (Italy)

Experience in the role of Thesis associated supervisor

Hobby:

Stamp collector, puzzle lover and reading (national and international books)

Sport (skiing, mountain hiking, dancing)

Passionate by nature photography, she has also acquired a good knowledge of macrophotography (analog and digital).

Driving licence

Driving licence category: B

Specific Experience in Europe

From 25/06/2008 to 29/08/2008

Veterinary visitor student “Wildlife and Emerging Diseases Team”

Bovine tuberculosis, trichinellosis, *Angyostrongilus vasorum*, *Echinococcus multilocularis*
CSL (Central Science Laboratory) in Sand Hutton, York (UK)

From 28/06/2009 to 07/08/2009

Veterinary visitor student with the “Veterinary Surveillance Team”

Bovine tuberculosis and trichinellosis in wildlife
FERA (The Food and Environment Research Agency) in Sand Hutton, York (UK)

 ADDITIONAL INFORMATION

 Publications
 Projects
 Affiliation

Author of 55 scientific publications for national and international journals

Best International publications (2015-2019):

- Melegari I, Di Profio F, Palombieri A, Sarchese V, Diakoudi G, Robetto S, Orusa R, Marsilio F, Bányai K, Martella V, Di Martino B. Molecular detection of canine bufaviruses in wild canids. Arch Virol. 2019 Sep;164(9):2315-2320. doi: 10.1007/s00705-019-04304-y. Epub 2019 Jun 6
- Di Blasio A, Irico L, Caruso C, Miceli I, Robetto S, Peletto S, Varello K, Giorda F, Mignone W, Rubineti F, Iulini B, Bozzetta E, Acutis PL, Orusa R, Gorla M, Masoero L, Dondo A. Canine distemper virus as an emerging multihost pathogen in wild carnivores in northwest Italy. J Wildl Dis. 2019 Oct;55(4):844-856. Epub 2019 Apr 25
- Giangaspero M, Domenis L, Robetto S, Orusa R. Histological and virological findings in severe meningoencephalitis associated with border disease virus in Alpine chamois (*Rupicapra rupicapra rupicapra*) in Aosta Valley, Italy. Open Vet J. 2019 Apr;9(1):81-87. doi: 10.4314/ovj.v9i1.14. Epub 2019 Mar 20
- Squadrone S., Brizio P., Stella C., Mantia M., Battuello M., Nurra N., Mussat Sartor R., Orusa R., Robetto S., Brusa F., Mogliotti P., Garrone A., Abete M.C. Rare earth elements in marine and terrestrial matrices of Northwestern Italy: Implications for food safety and human health. Science of the Total Environment 660 (2019) 1383–1391
- Squadrone S., Orusa R, Robetto S., Mantia M, Rizzi M., Colombero G, Parovel E., Abete M.C.. Acute lead poisoning in a golden eagle from Italian Alps: An evaluation to metals exposure through blood and feathers analysis. Toxicology Letters (2018) doi.org/10.1016/j.toxlet.2018.06.1028
- Domenis L, Spedicato R, Pepe E, Orusa R, Robetto S. Caseous Lymphadenitis caused by *Corynebacterium pseudotuberculosis* in Alpine Chamois (*Rupicapra r. rupicapra*): a Review of 98 cases. J. Comp. Path. 2018, Vol. 161, 11-19
- Chloé Haas, Francesco C. Origi, Sophie Rossi, Jorge R. López-Olvera, Luca Rossi, Raquel Castillo-Contreras, Anna Malmsten, Anne-Marie Dalin, Riccardo Orusa, Serena Robetto, Luciano Pignata, Santiago Lavín and Marie-Pierre Rysler-Degiorgis. Serological survey in wild boar (*Sus scrofa*) in Switzerland and other European countries: *Sarcoptes scabiei* may be more widely distributed than previously thought. Haas et al. BMC Veterinary Research (2018) 14:117
- Di Profio F, Melegari I, Sarchese V, Robetto S, Bermudez Sanchez S, Carella E, Orusa R, Cavadini P, Lavazza A, Marsilio F, Martella V, Di Martino B. Potential role of wolf (*Canis lupus*) as passive carrier of European brown hare syndrome virus (EBHSV). Research in Veterinary Science 117 (2018) 81–84
- Domenis L, Spedicato R, Orusa R, Robetto S. Erysipelothrix rhusiopathiae infection in an alpine ibex (*Capra ibex*). J. Comp. Path. 2017, Vol. 156, 54e141
- Di Profio F, Melegari I, Sarchese V, Robetto S, Marruchella G, Bona MC, Orusa R, Martella V, Marsilio F, Di Martino B. First molecular identification of kobuviruses in wolves (*Canis lupus*) in Italy. Arch Virol DOI 10.1007/s00705-017-3637-1
- Rizzo F, Edenborough K M, Toffoli R, Culasso P, Zoppi S, Dondo A, Robetto S, Rosati S, Lander A, Kurth A, Orusa R, Bertolotti L, Mandola M L. Coronavirus and paramyxovirus in bats from Northwest Italy. BMC Veterinary Research (2017) 13:396
- Domenis L, Spedicato R, Orusa R, Gorla M, Sant S, Guidetti C, Robetto S. The diagnostic activity on wild animals through the description of a model 3 case report (caseous lymphadenitis by *Corynebacterium pseudotuberculosis* 4 associated with *Pasteurella* spp and parasites infection in an alpine ibex – 5 *Capra ibex*). Open Veterinary Journal, (2017), Vol. 7(4): 384-390
- Di Martino B., Di Profio F., Melegari I., Sarchese V., Robetto S., Marsilio F., Martella V. Detection of hepatitis E virus (HEV) in goats. Archives of Virology 2016 DOI: 10.1016/j.virusres.2016.09.008.
- Di Profio F., Melegari I., Sarchese V., Robetto S., Marruchella G., Bona MC., Orusa R., Martella V., Marsilio F., Di Martino B. Detection and genetic characterization of hepatitis E virus (HEV) genotype 3 subtype c in wild boars in Italy. Arch Virol 2016; DOI 10.1007/s00705-016-2964-y
- Caruso C., Peletto S., Cerutti F., Modesto P., Robetto S., Domenis L., Masoero L., Acutis P.L. Evidence of circulation of the novel border disease virus genotype 8 in chamois. Arch Virol 2016; DOI 10.1007/s00705-016-3112-4
- Di Martino B., Di Profio F., Melegari I., Di Felice E., Sarchese V., Cafiero M.A., Robetto S., Aste G., Lanave G., Marsilio F., Martella V. A novel feline norovirus in diarrheic cats. Archives of Virology 2015 DOI 10.1007/s00705-015-2464-5

Projects

Scientific leader of the research project (Ministry of Health), IZS PLV 20/12 RC «Investigation of the presence of emerging enteric viruses with a zoonotic risk in relation to wild boars and wild ruminants»

Affiliations

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