europass

Stefania Zanet

WORK EXPERIENCE

Università degli Studi di Torino, Dipartimento di Scienze Veterinarie – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

Associate Professor Parasitology and Parasitic Diseases of Animals and Man (MVET03/b)

[01/10/2024 – Current]

University of Turin, Dept. of Veterinary Sciences – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

Researcher (Ricercatore a Tempo Determinato tipo b)

[01/10/2021 – 30/09/2024]

University of Turin, Dept. of Veterinary Sciences – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

Researcher (Ricercatore a Tempo Determinato tipo a)

[22/12/2017 – 30/09/2021]

University of Turin, Dept. of Veterinary Sciences – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

Post-doc Research fellow

[01/06/2016 – 11/2017]

Field implementation of molecular methods for *Toxoplasma gondii* genotyping

University of Turin, Dept. of Veterinary Sciences – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

University research assistant

[01/01/2016 – 31/03/2016]

Development of molecular methods for *Toxoplasma gondii* genotyping

University of Turin, Dept. of Veterinary Sciences – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

Post-doc Research Fellow

[01/11/2014 – 31/10/2015]

Phylogenetic studies on *Toxoplasma gondii* and the role of wildlife and livestock in Northern Italy

University of Turin, Dept. of Veterinary Sciences – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

University research assistant

[01/01/2014 – 31/10/2014]

Developing an integrated system (GIS/gross pathology/biomolecular tools) to study the emergence of diseases in wildlife.

Dr Lucy Spelman (DVM) Brown University, Rhode Island, USA – Karanambu, Guyana

City: Karanambu | **Country:** Guyana

Veterinarian

[01/02/2010 – 30/04/2010]

Research activity on captive and wild Giant River Otters (*Pteronura braziliensis*) on the Rupununi river basin.

Dr. Biassoli Piero, Pronto Soccorso Veterinario San Pietro – Biella, Italy

City: Biella | **Country:** Italy

Veterinary Surgeon: Emergency Room and Critical Care Veterinarian for companion animals

[2010 – 2015]

Surgery and intensive care management (2 days/week night shift)

University of Turin, Dept. of Veterinary Sciences – Grugliasco, Italy

City: Grugliasco | **Country:** Italy

University research assistant

[01/11/2009 – 31/12/2010]

Applying biotechnologies to research and clinical diagnostic in wildlife veterinary parasitology and population health

EDUCATION AND TRAINING

Diplomate European College of Zoological Medicine (ECZM), Wildlife Population Health specialty
European Board of Veterinary Specialization (EBVS)

Website: https://ebvs.eu/colleges

PhD in Natural Sciences and Innovative Technologies
University of Turin [01/01/2011 – 31/12/2013]

Thesis: Epidemiology of Babesia sp., Toxoplasma gondii, and Neospora caninum: a holistic approach to wildlife, domestic animals, and human health

Doctor of Veterinary Medicine
University of Turin, Faculty of Veterinary Medicine [01/10/2004 – 22/10/2009]

Country: Italy | **Final grade:** 110/110 cum Laude | **Thesis:** One health approach to Mountain Gorilla conservation: remarks on interspecific transmission risk of Rotavirus, Adenovirus, Tuberculosis, Brucellosis and Q-Fever between gorilla, man and domestic ruminants.

Registered Veterinary Surgeon
Professional Register of Veterinary Surgeons, Province of Novara, reg. n. 346

Describe the subjects or topics that you learnt.

PROJECTS

[01/01/2024 – Current]
European Partnership on Animal Health and Welfare
Role: SOA06 Task 3 - task leader
Budget: 104657 euro
Origin of Funds: European Research Executive Agency (REA)
Project Coordinator : University of Ghent

[27/07/2023 – Current]
Enetwild 2.0 Wildlife and One Health: wildlife ecology, health surveillance and interaction with livestock, human population and environment (FWC OC/EFSA/BIOHAW/2022/01)
Role: co-lead WP1 (Project Coordination)
Budget: 6M
Origin of Funds: European Food Safety Agency (EFSA)

[01/10/2022 – Current]
Wild boar density monitoring in the restriction area 1 of African Swine fever Outbreak in Northern Italy
Role Principal investigator and funding recipient
Budget: 18300
Origin of funds: Ente regionale per i Servizi all'Agricoltura e alle Foreste, Lombardy Region, Italy

[01/05/2022 – Current]
Role of Hunters in wildlife disease surveillance
Role Principal investigator and funding recipient
Budget: 20000 euro
Origin of funds: Italian Hunters Federation (Federcaccia)

[01/01/2021 – Current]
Genetic analysis of disease susceptibility in the once nearly extinct Alpine ibex
Role: Work package coordinator (Competitive Peer-Reviewed Research Grant)
Budget: 15000
Origin of Funds: Cost Action
Partners: University of Zurich, Gran Paradiso National Park

[01/01/2021 – 31/12/2021]
Evaluation of the role of Varroa destructor as a vector of RNA-viruses in bees and of the effect of V. destructor and RNA-Viruses in apiaries subjected to different environmental conditions
Role: Principal investigator and funding recipient (Competitive Research Grant)
Budget: 27380 euro
Origin of Funds: Piedmont Region (UE) n. 1308/2013 Aiuti nel settore dell'apicoltura
Partners: AsProMiele Piemonte

[23/09/2019 – 31/12/2020]
National multicenter epidemiological study on endo-ectoparasites in cats
Role: Principal investigator and funding recipient
Budget: 3360 euro
Origin of Funds: MSD Animal Health Italia
Partners: Università degli Studi di Milano, Università degli Studi di Parma, Università degli Studi di Padova, Università degli Studi di Bologna, Università degli Studi di Pisa, Università degli Studi di Perugia, Università degli Studi di Teramo, Università di Napoli "Federico II", Università degli Studi di Bari "Aldo Moro", Università degliStudi di Catanzaro "Magna Grecia", Università degli Studi di Messina.

[28/09/2018 – 31/12/2020]
Interaction between genetic variability and receptivity/sensitivity of the Alpine Ibex alps to infections by haemoparasitic protozoa
Role Principal investigator and funding recipient (Competitive Peer-Reviewed Research Grant)
Budget: 33000 euro
Origin of funds Interreg-Alcotra LeMed-Ibex; WP3, Azione 3.1 – Genetica e Conservazione dello Stambecco delle Alpi
Partners Parc National des Ecrins, Gran Paradiso National Park, Alpi Cozie Protected Areas, Alpi Marittime Protected Areas, Aosta Valley Region, Mercantour National Park

[14/05/2018 – 01/06/2019]
Evolution of the epidemiology of ticks and tick-borne diseases in the Valley of Aosta
Role Principal investigator and funding recipient
Budget: 10000 euro
Origin of Funds: Cofinanziamento Dipartimento di Eccellenza - Ricerca locale 2018 linea B
Partners: Aosta Valley Regional Veterinary Services

[28/03/2018 – 31/12/2018]
Biomolecular assessment of the presence and prevalence of emerging parasites e zoonotic in the murine population of the Pontine archipelago
Role: Principal investigator and funding recipient
Budget: 3200 euro
Origin of Funds: LIFE project "Restoring the Pontine Archipelago ecosystem through management of rats and other invasive alien species". PonDerat LIFE14 NAT/IT/000544.

Partners: Partner Ecolgene s.r.l, Università degli Studi di Firenze

[28/03/2018 – 30/11/2018]
Actions and studies on the goat population present in Montecristo
Role: Principal investigator and funding recipient
Budget: 13000 euro
Origin of Funds: Parco Nazionale Arcipelago Toscano - Progetto Resto con LIFE
Partners: Parco Nazionale Arcipelago Toscano and Comando Carabinieri Forestali Unità per la Tutela Forestale, Ambientale e Agroalimentare

PUBLIC ENGAGEMENT

Invited speaker to more than 20 courses/event of public engagement and science dissemination.

GRADUATE AND UNDERGRADUATE STUDENT SUPERVISION

Graduate and Undergraduate student supervision

Master Degree in Veterinary Medicine: 32 students (co-relatore)

Master Degree in Biotechnologies applied to Human and Animal Health: 4 students (co-relatrice)

Master Degree in Agroecology,: 1 student (co-relatrice)

Bachelor of Science in Zootechnical Science and Technology: 1 student (co-relatrice)

Bachelor of Science in Prevention techniques for the environment and the workplace: 4 students (relatrice)

Bachelor of Science in Biotechnology: 24 students (tutor accademico)

School of Specialization in Microbiology and Virology: 1 student (co-relatrice)

School of Specialization in Animal Health, breeding and zootechnical productions: 4 students (relatrice)

HONOURS AND AWARDS

[01/12/2019] Dept. of Veterinary Sciences, Università degli Studi di Torino
Recognition of excellency in Scientific Research

EDITORIAL ASSIGNEMENTS

[01/07/2020 – Current]
Associate Editor for the European Journal of Wildlife Research

[01/01/2021 – Current]
Associate and Review Editor for Frontiers in Veterinary Parasitology

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

BIBLIOMETRIC PARAMETERS

Orcid

total number of publications in peer-review journals: 68

total number of citations: 1025

H index (Scopus): 19

Link: orcid.org/0000-0002-7543-399X

SELECTED PUBLICATIONS

1. Vada R, Zanet S, Occhibove F, Fantini E, Palencia P, Ferroglio E. Relating Wildlife Camera Trap Data to Tick Abundance: Testing the Relationship in Different Habitats. *Animals*. 2024; 14(18):2749. Available at: https://doi.org/10.3390/ani14182749

2. Noll, M., Wall, R., Makepeace, B.L. *et al.* Predicting the distribution of *Ixodes ricinus* and *Dermacentor reticulatus* in Europe: a comparison of climate niche modelling approaches. *Parasites Vectors* **16**, 384 (2023). Available at: https://doi.org/10.1186/s13071-023-05959-y

3. Moirano, G. *et al.* (2020) 'Integrating environmental, entomological, animal, and human data to model the Leishmania infantum transmission risk in a newly endemic area in Northern Italy', *One Health*, 10. Available at: https://doi.org/10.1016/j.onehlt.2020.100159.

4. Zanet, S., Ferroglio, E., *et al.* (2020) 'Ecological niche modelling of Babesia spp. infection in wildlife experimentally evaluated in Northern Italy with reference to questing ixodes ricinus ticks', *Geospatial Health*, 15(1). Available at: https://doi.org/10.4081/gh.2020.843.

5. Zanet, S., Battisti, E., *et al.* (2020) 'Tick-borne pathogens in Ixodidae ticks collected from privately-owned dogs in Italy: A country-wide molecular survey', *BMC Veterinary Research*, 16(1). Available at: https://doi.org/10.1186/s12917-020-2263-4.

6. Battisti, E. *et al.* (2019) 'Survey on tick-borne pathogens in ticks removed from humans in Northwestern Italy', *Veterinary Parasitology: Regional Studies and Reports*, 18. Available at: https://doi.org/10.1016/j.vprsr.2019.100352.

7. Ferroglio, E. *et al.* (2018) 'Epidemiological evaluation of Leishmania infantum zoonotic transmission risk in the recently established endemic area of Northwestern Italy', *Zoonoses and Public Health*, 65(6). Available at: https://doi.org/10.1111/zph.12477.

8. Zanet, S., Bassano, M., *et al.* (2017) 'Horses infected by Piroplasms different from Babesia caballi and Theileria equi: species identification and risk factors analysis in Italy', *Veterinary Parasitology*, 236. Available at: https://doi.org/10.1016/j.vetpar.2017.01.003.

9. Zanet, S., Sposimo, P., *et al.* (2014) 'Epidemiology of Leishmania infantum, Toxoplasma gondii, and Neospora caninum in Rattus rattus in absence of domestic reservoir and definitive hosts', *Veterinary Parasitology*, 199(3–4). Available at: https://doi.org/10.1016/j.vetpar.2013.10.023.

10. Zanet, S., Trisciuoglio, A., *et al.* (2014) 'Piroplasmosis in wildlife: Babesia and Theileria affecting free-ranging ungulates and carnivores in the Italian Alps', *Parasites and Vectors*, 7(1). Available at: https://doi.org/10.1186/1756-3305-7-70.