

PERSONAL INFORMATION

Laura Tomassone

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Nationality Italian

POSITION

DVM, Assistant professor

WORK EXPERIENCE

From October 2007 – to date

Assistant Professor

Dept. Veterinary Sciences (DVS) – University of Turin (Italy)

- Research and teaching in veterinary epidemiology - Infectious diseases section
- Epidemiological studies on vectors and vector borne pathogens. Studies on the surveillance of tick-borne and food-borne zoonotic agents. Studies on the transmission dynamics of the infections and of determinants of antimicrobial resistance. Evaluation of One Health initiatives. Main activities: field work and data collection; laboratory work: vectors identification, application of molecular biology tools (PCR, nucleotide sequencing and phylogenetic analysis); data management and statistical analysis, application of statistical models, spatial analysis
- Member of the Teaching committee of the Research Doctorate in Veterinary Sciences for Animal Health and Food Safety, University of Torino.

June-December 2009

Visiting Researcher

Laboratorio de Eco-Epidemiología, Facultad de Ciencias Exactas y Naturales, University of Buenos Aires and Biotechnology Institute of INTA (Instituto nacional de Tecnología Agropecuaria), Hurlingham, Buenos Aires, Argentina

- Field and laboratory work on the eco-epidemiology of vector-borne disease, in the project: 'Study on the eco-epidemiology of vectorial zoonoses in Northwest Argentina, with particular reference to Chagas disease and tick-borne diseases'. World Wide Style Fellowship funded by the 'Cassa di Risparmio di Torino' for Torino University Researchers.

November 2003 - July 2004

Research fellow

Dept. Animal Production, Epidemiology and Ecology – University of Turin (Italy)

- Research on "Psittacinae breeding for conservation and biodiversity preservation" in collaboration with Universidad Agraria de La Habana (Cuba) / Association Nacional Ornitológica de Cuba (ANOC). Main activities: Field work: collection of biological samples from psittacinae birds; Laboratory work: haematological and parasitological examinations; application of PCR techniques to investigate viral and bacterial diseases of wild *Amazona leucocephala* populations

February – May 2003

Visiting Research scholar

Division of Parasitology and Tropical Veterinary Medicine, Faculty of Veterinary Medicine, Utrecht, The Netherlands

- Research on "Tick-borne pathogens from cattle in the Republic of Guinea". Application of molecular biology techniques to detect tick-borne pathogens in African ticks (PCR, RLB, nucleotide sequencing and analysis of PCR products)

January – April 2002

Visiting Researcher

Veterinary Investigation Centre, PO Box 1068, Arusha (Tanzania)

- Research on “Epidemiology and Control of Cerebral Bovine Theileriosis (Ormilo) in African Short-horn Zebu cattle caused by *Theileria taurotragi* in Tanzania”, in collaboration of the Veterinary Medicine Faculties of Pretoria (South Africa), Utrecht (The Netherlands) and Turin (Italy), and the International Livestock Research Institute (ILRI)- Nairobi (Kenya). Main activities:
 - Field work: study of tick attachment rate on sentinel animals from the study area (Ngorongoro Conservation Area); field trials with acaricides on sentinel herds; collection of ticks and biological samples, study of clinical incidence of tick-borne diseases; post-mortem examinations and samples collection from suspected Cerebral Bovine Theileriosis cases.
 - Laboratory work: microscopical identification of tick borne pathogens (blood, lymph node, brain, liver and spleen smears), tick identification, serologic diagnosis of tick-borne pathogens
 - Data management and analysis of seasonal dynamics of Ixodid ticks

EDUCATION AND TRAINING

2006-2007

Post-doctorate

Department of Pathobiology, Faculty of Veterinary Medicine, University of Illinois at Urbana-Champaign (USA)

- Research on “Spatial and temporal analysis of St. Louis and West Nile Virus encephalitis in greater Chicago, Illinois, in 1975 and 2002”:
 - Data management (ArcGIS 9.2)
 - Spatial and space-time analysis and Statistical analysis
- Research on the “Eco-epidemiology of Chagas disease in Northwest Argentina” (Laboratorio de Eco- Epidemiología, Dep. Ecología, Genética y Evolución, Facultad de Ciencias Exactas y Naturales, University of Buenos Aires, Argentina). Main activities: field work, evaluation of sustainable vector control and management of Chagas disease in the Gran Chaco, identification of environmental and demographic factors affecting the spatial distribution of triatomine bugs, research of sylvatic foci of *Triatoma infestans*, triatomine bugs collection and identification

2004-2005

Master of Science in “Epidemiology and Veterinary Preventive Medicine” - EQF level 8

University of Parma, Italy

- Methods in Epidemiology, Statistics, Public Health, Preventive Medicine, Risk Analysis

2000-2003

Dottorato di Ricerca (PhD equivalent) in Veterinary Sciences - EQF level 8

University of Torino, Italy

- Animal health and production, Veterinary Tropical Medicine, Tick-borne diseases

1994-2000

Doctor in Veterinary Medicine (DVM) - EQF level 6

University of Torino, Italy

- Veterinary infectious diseases, animal production, veterinary epidemiology. Thesis: “Infestation and seasonal pattern of Ixodid ticks, parasites of N’Dama cattle in Guinea Conakry”.

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C2	C1
Spanish	C2	C2	C2	C2	B2
French	C1	B2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- Communication skills**
- team spirit, gained in several working experiences in Italy and abroad (Tanzania, Cuba, Mali, The Netherlands, Argentina, USA), where I interacted with other researchers and local population;
 - good ability to adapt to multicultural environments, gained through my work experience abroad and experiences as volunteer in cooperation projects;
 - good communication skills, gained through class seminars & oral presentations in National and International conferences.
- Organisational / managerial skills**
- good experience in project and team management and good sense of organization, gained through several experiences in research and field work.
 - experience in designing research protocol, gained during my research activities
- Job-related skills**
- Arthropod vectors identification (Ixodid ticks in particular)
 - Experience in scientific literature revision (gained through research projects on data inventory)
- Computer skills**
- good command of Microsoft Office™ tools and Internet.
 - good knowledge of the statistical software SAS® and R, acquired through work and training at University of Turin (Italy) and UIUC (USA).
 - basic knowledge of the Geographic Information System (GIS) and spatial analysis software acquired through work and training at UIUC (USA).
 - satisfactory knowledge of the bioinformatics software BioEdit and MEGA, acquired through work and training at University of Turin (Italy) and INTA (Argentina)
- Other skills**
- Painting, drawing, etching, ceramics –member of the artistic association “Gli Argonauti” (Collegno, Italy) since 1998
- Driving licence**
- B

ADDITIONAL INFORMATION

- Tutor of PhD students**
- Doctoral School in Life and Health Sciences, Doctorate in Veterinary Sciences for Animal Health and Food Safety, University of Turin
- Dr. Aitor Garcia Vozmediano. Project: 'A One Health approach for the Control of tick-borne diseases' (2018-2020)
- Dr. Miryam Bonvegna. Project: 'Occurrence of Extended spectrum β -lactamases-producing Enterobacterales and Methicillin resistant *Staphylococcus aureus* in swine farms and association with sanitary and productive parameters' (2018-2021)

Publications Author of numerous publications (ISI publications and conference proceedings).

Selected publications in International Scientific Journals:

- Tiezzi F, **Tomassone L**, Mancin G, Cornale P, Tarantola M, 2019. The assessment of housing conditions, management, animal-based welfare of dairy goats, and its association with productive and reproductive traits. *Animals* 9(11). pii: E893. doi: 10.3390/ani9110893.
- Braks M, Giglio G, **Tomassone L**, Sprong H, Leslie T, 2019. Making Vector-Borne Disease Surveillance Work: New Opportunities From the SDG Perspectives. *Front Vet Sci.* 6:232; doi: 10.3389/fvets.2019.00232
- Jaarsma RI, Sprong H, Takumi K, Kazimirova M, Silaghi C, Mysterud A, Rudolf I, Beck R, Földvári G, **Tomassone L**, Groeneveld M, Everts RR, Rijks JM, Ecke F, Hörnfeldt B, Modry D, Majerová K, Votýpka J, Estrada-Peña A, 2019. *Anaplasma phagocytophilum* evolves in geographical and biotic niches of vertebrates and ticks. *Parasit Vectors* 12(1):328. doi: 10.1186/s13071-019-3583-8.
- Martello E, Mannelli A, Grego E, Ceballos LA, Ragagli C, Stella MC, **Tomassone L**, 2019. *Borrelia burgdorferi sensu lato* and spotted fever group rickettsiae in small rodents and attached ticks in the Northern Apennines, Italy. *Ticks Tick Borne Dis.* 10(4):862-867. doi: 10.1016/j.ttbdis.2019.04.005.
- Millet I, Ragionieri M, **Tomassone L**, Trentin C, Mannelli A, 2019. Assessment of the exposure of people to questing ticks carrying agents of zoonoses in Aosta Valley, Italy. *Vet Sci.* 17;6(1). pii: E28. doi: 10.3390/vetsci6010028
- Selmi M, **Tomassone L**, Ceballos LA, Crisci A, Ragagli C, Pintore MD, Mignone W, Pautasso A, Ballardini M, Casalone C, Mannelli A, 2018. Analysis of the environmental and host-related factors affecting the distribution of the tick *Dermacentor marginatus*. *Exp Appl Acarol.* doi: 10.1007/s10493-018-0257-8
- Tomassone L**, Portillo A, Nováková M, de Sousa R, Oteo JA. Neglected aspects of tick-borne rickettsioses. *Parasit Vectors.* 2018;11(1):263. doi: 10.1186/s13071-018-2856-y.
- Ravagnan S*, **Tomassone L***, Montarsi F, Krawczyk AI, Mastroianni E, Sprong H, Milani A, Rossi L, Capelli G. First detection of *Borrelia miyamotoi* in *Ixodes ricinus* ticks of northern Italy. *Parasit Vectors* 2018, 11(1):130. doi: 10.1186/s13071-018-2713-z [*first authors]
- Tomassone L**, Berriatua E, de Sousa R, Duscher EG, Mihalca A, Sprong H, Silaghi C, Zintl A. Neglected vector-borne zoonoses in Europe: into the wild. *Vet Parasitol.* 2018, 251: 17-26. doi: 10.1016/j.vetpar.2017.12.018
- Paternoster G*, **Tomassone L***, Tamba M, Chiari M, Lavazza A, Piazzi M, Favretto AR, Balduzzi G, Pautasso A, Vogler BR. The degree of One Health implementation in the West Nile Virus integrated surveillance in Northern Italy, 2016. *Front Public Health* 2017, 5:236. doi: 10.3389/fpubh.2017.00236 [*first authors]
- Tomassone L**, Ceballos LA, Ragagli C, Martello E, De Sousa R, Stella MC, Mannelli A. Importance of common wall lizards in the transmission dynamics of tick-borne pathogens in the Northern Apennine Mountains, Italy. *Microb Ecol.* 2017, 74(4):961-968. doi: 10.1007/s00248-017-0994-y.
- Kuleš J, Potocnakova L, Bhide K, **Tomassone L**, Fuehrer HP, Horvatić A, Galan A, Guillemin N, Nižić P, Mrljak V, Bhide M. The challenges and advances in diagnosis of vector-borne diseases: where do we stand? *Vector Borne Zoonotic Dis.* 2017 May;17(5):285-296. doi: 10.1089/vbz.2016.2074.
- Portillo A, de Sousa R, Santibáñez S, Duarte A, Edouard S, Fonseca IP, Marques C, Novakova M, Palomar AM, Santos M, Silaghi C, **Tomassone L**, Zúquete S, Oteo JA., 2017. Guidelines for the detection of *Rickettsia* spp. *Vector Borne Zoonotic Dis.* 17(1):23-32. doi: 10.1089/vbz.2016.1966.
- Llopis IV, **Tomassone L**, Grego E, Silvano F, Rossi L, 2016. Investigation into Usutu and West Nile viruses in ticks from wild birds in Northwestern Italy, 2012-2014. *New Microbiol.* 7;39(4).
- Tomassone L.**, D. De Meneghi, H. Adakal, P. Rodighiero, G. Pressi, E. Grego, 2016. Detection of *Rickettsia aeschlimannii* and *Rickettsia africae* in ixodid ticks from Burkina Faso and Somali Region of Ethiopia by new real-time PCR assays. *Ticks Tick Borne Dis.* 7(6):1082-1088. doi: 10.1016/j.ttbdis.2016.09.005

- Victoriano Llopis I, **Tomassone L**, Grego E, Serrano E., Mosca A., Vaschetti G., Andrade D., Rossi L., 2016. Evaluating the feeding preferences of West Nile virus mosquito vectors using bird-baited traps. *Parasit Vectors* 9:479. doi: 10.1186/s13071-016-1744-6
- Ragagli C, Mannelli A, Ambrogi C, Bisanzio D, Ceballos LA, Grego E, Martello E, Selmi M, **Tomassone L.**, 2016. Presence of host-seeking *Ixodes ricinus* and their infection with *Borrelia burgdorferi sensu lato* in the Northern Apennines, Italy. *Exp Appl Acarol.* 69(2):167-78. doi: 10.1007/s10493-016-0030-9
- Catalano D, Biasibetti E, Lynen G, Di Giulio G, De Meneghi D, **Tomassone L**, Valenza F, Capucchio MT, 2015. "Ornilo disease" a disorder of zebu cattle in Tanzania: bovine cerebral theileriosis or new protozoan disease? *Trop Anim Health Prod*;47(5):895-901
- Llopis IV, Rossi L, Di Gennaro A, Mosca A, Teodori L, **Tomassone L**, Grego E, Monaco F, Lorusso A, Savini G., 2015. Further circulation of West Nile and Usutu viruses in wild birds in Italy. *Infect Genet Evol.* 32:292-7. doi: 10.1016/j.meegid.2015.03.024.
- Macchiaverna NP, Gaspé MS, Enriquez GF, **Tomassone L**, Gürtler RE, Cardinal MV., 2015. *Trypanosoma cruzi* infection in *Triatoma sordida* before and after community-wide residual insecticide spraying in the Argentinean Chaco. *Acta Tropica* 143: 97–102. doi: 10.1016/j.actatropica.2014.12.010.
- Grego E, Sossella M, Bisanzio D, Stella MC, Giordana G, Pignata L, **Tomassone L.**, 2014. Wild ungulates as sentinel of BTV-8 infection in piedmont areas. *Vet Microbiol.* 174(1-2): 93-9. doi: 10.1016/j.vetmic.2014.09.015.
- Pintore M.D., Ceballos L.A., Iulini B., **Tomassone L.**, Pautasso A., Corbellini D., Rizzo F., Mandola M.L., Bardelli M., Peletto S., Acutis P.L., Mannelli A., Casalone C., 2014. Detection of invasive *Borrelia burgdorferi* strains in north-eastern Piedmont, Italy. *Zoonoses Public Health.* 62(5):365-74. doi: 10.1111/zph.12156.
- Martello E., Mannelli A., Ragagli C., Ambrogi C., Selmi M., Ceballos L.A., **Tomassone L.**, 2014. Range expansion of *Ixodes ricinus* to higher altitude, and co-infestation of small rodents with *Dermacentor marginatus* in the Northern Apennines, Italy. *Ticks and Tick-borne Diseases*,5(6):970-4. doi: 10.1016/j.ttbdis.2014.07.021
- Ceballos L.A., Pintore M.D, **Tomassone L.**, Pautasso A., Bisanzio D., Mignone W., Casalone C., Mannelli A., 2014. Habitat and occurrence of Ixodid ticks in Liguria region, northwest Italy. *Exp Appl Acarol* 64(1):121-35. doi: 10.1007/s10493-014-9794-y
- Martello E., Selmi M., Ragagli C., Ambrogi C., Stella M.C., Mannelli A., **Tomassone L.**, 2013. *Rickettsia slovaca* in immature *Dermacentor marginatus* and tissues from *Apodemus* spp. in the Northern Apennines, Italy. *Ticks and Tick-borne Diseases* 4(6):518– 21. doi: 10.1016/j.ttbdis.2013.07.002
- Tomassone L.**, Grego E., Auricchio D., Iori A., Giannini F., Rambozzi L., 2013. Lyme borreliosis spirochetes and spotted fever group rickettsiae in Ixodid ticks from Pianosa island, Tuscany Archipelago, Italy. *Vector Borne Zoonotic Dis*,13(2):84-91. doi: 10.1089/vbz.2012.1046
- Brovida C., Galli E.A., **Tomassone L.**, Valentina D., Capucchio M.T., 2012. Valutazione della proteinuria in gatti nefropatici: indagine epidemiologica. *Veterinaria*, 26(5): 17-23.
- Cediel, N., Conte, V., **Tomassone, L.**, Tiberti, D., Guiso, P., Romero, J., Villamil, L., De Meneghi, D., 2012. Risk perception about zoonoses in migrants and Italian workers in northwestern Italy. *Rev Saúde Pública*, 46(5):850-7
- Mannelli A., Martello E., **Tomassone L.**, Calzolari M., Casalone C., De Meneghi D., Dottori M., Estrada-Peña A., Fabbi M., Ferreri L., Ferroglio E., Luini M., Nicolau Solano S., Ortega C., Pautasso A., Prati P., Vesco U., 2012. Inventory of available data and data sources and proposal for data collection on vector-borne zoonoses in animals. EFSA External Scientific Report EFSA-Q-2009-00828 doi: 10.2903/sp.efsa.2012.EN-234
- Tomassone L.**, Grego E., Callà G., Rodighiero P., Pressi G., Gebre S., Zeleke B., De Meneghi D., 2012. Ticks and tick-borne pathogens in livestock from nomadic herds in the Somali Region, Ethiopia. *Exp Appl Acarol*, 56(4):391-401. doi: 10.1007/s10493-012-9528-y
- Bisanzio D., Bertolotti L., **Tomassone L.**, Amore G., Ragagli C., Mannelli A., Giacobini M., Provero P., 2010. Modeling the spread of vector-borne diseases on bipartite networks. *PLoS One.* 2010 Nov 12;5(11):e13796

- Robino P., **Tomassone L.**, Tramuta C., Rodo M., Giammarino M., Vaschetti G., Nebbia P., 2010. Prevalence of *Campylobacter jejuni*, *Campylobacter coli* and enteric *Helicobacter* in domestic and free living birds in North-Western Italy. *Schweiz Arch Tierheilkd.* 2010. 152(9):425-31.
- Ragagli C., Bertolotti L., Giacobini M., Mannelli A., Bisanzio D., Amore G., **Tomassone L.**, 2011. Transmission dynamics of *Borrelia lusitaniae* and *Borrelia afzelii* among *Ixodes ricinus*, lizards, and mice in Tuscany, Central Italy. *Vector Borne Zoonotic Dis.* 2011, 11(1):21-8
- Tomassone L.**, Conte V., Parrilla G., De Meneghi D., 2010. Rickettsia infection in dogs and *Rickettsia parkeri* in *Amblyomma tigrinum* ticks, Cochabamba Department, Bolivia. *Vector Borne Zoonotic Dis.* 2010, 10(10):953-8
- Tomassone L.**, Nuñez P., Ceballos L.A., Gürtler R.E., Kitron U., Farber M., 2010. Detection of “*Candidatus* Rickettsia sp. strain Argentina” and *R. bellii* in *Amblyomma* ticks (Acari: Ixodidae) from Northern Argentina. *Exp Appl Acarol.* 52(1):93-100
- Selmi M., Martello E., Bertolotti L., Bisanzio D., **Tomassone L.**, 2009. *Rickettsia slovaca* and *Rickettsia raoultii* in *Dermacentor marginatus* ticks collected on wild boars (*Sus scrofa*) in Tuscany, Italy. *J Med Entomol*, 46(6): 1490-1493
- Tomassone L.**, Nuñez P., Gürtler R.E., Ceballos L.A., Orozco M., Kitron U., Farber M., 2008. Molecular detection of *Ehrlichia chaffeensis* in *Amblyomma parvum* ticks collected in northern Argentina. *Emerg Infect Dis* 14(12): 1953-1955
- Estrada-Peña A., Venzal J.M., Kocan K.M., Tramuta C., **Tomassone L.**, De la Fuente J., Labruna M., 2008. Observations on *Antricola* ticks: small nymphs feed on mammalian hosts and have a salivary gland structure similar to ixodid ticks. *J Parasitol*, 94(4): 953–955
- Bisanzio D., Amore G., Ragagli C., **Tomassone L.**, Bertolotti L., Mannelli A., 2008. Temporal variations in the usefulness of normalised difference vegetation index as a predictor for *Ixodes ricinus* (Acari: Ixodidae) in a *Borrelia lusitaniae* focus in Tuscany, central Italy. *J Med Entomol*, 45(3): 547-555
- Selmi M., Bertolotti L., **Tomassone L.**, Mannelli A., 2008. *Rickettsia slovaca* in *Dermacentor marginatus* ticks and Tick Borne Lymphadenopathy (TIBOLA/DEBONEL) in Tuscany, central Italy. *Emerg Infect Dis*, 14(5): 817-20
- Grego E., Bertolotti L., Peletto S., Amore G., **Tomassone L.**, Mannelli A., 2007. *Borrelia lusitaniae* OspA gene heterogeneity in Mediterranean basin area. *J Mol Evol.* 65(5): 512-518
- Amore G., **Tomassone L.**, Grego L., Ragagli C., Bertolotti L., Nebbia P., Rosati S., Mannelli A. (2007). *Borrelia lusitaniae* in immature *Ixodes ricinus* (Acari: Ixodidae) feeding on common wall lizards (*Podarcis muralis*) in Tuscany, central Italy. *J Med Entomol.* 44(2):303-7
- Bertolotti L., **Tomassone L.**, Tramuta C., Amore G., Grego E., Ambrogi C., Nebbia P., Mannelli A., 2006. *Borrelia lusitaniae* and Spotted Fever Group *Rickettsiae* in *Ixodes ricinus* (Acari: Ixodidae) in Tuscany, central Italy. *J Med Entomol.* 43(2): 159-165
- Tomassone L.**, Pagani P., De Meneghi D., 2005. Detection of *Babesia caballi* in *Amblyomma variegatum* ticks (Acari: Ixodidae) collected from cattle in the Republic of Guinea. *Parassitologia*, 47(2): 247-251
- Tomassone L.**, Camicas J.L., De Meneghi D., Di Giulio A., Uilenberg G., 2005. A note on *Hyalomma nitidum* Schulze, 1919, its distribution and its hosts. *Exp Appl Acarol* 35 (4): 341-355
- Mannelli A., Nebbia P., Tramuta C., Grego E., **Tomassone L.**, Ainars R., Venturini L., De Meneghi D., Meneguz P.G., 2005. *Borrelia burgdorferi* sensu lato infection in larval *Ixodes ricinus* (Acari: Ixodida) feeding on blackbirds in northwestern Italy. *J Med Entomol* 42 (2): 168-175
- Bert E., **Tomassone L.**, Peccati C., Gonzales Navarrete M., Cerruti Sola S, 2005. Detection of beak and feather disease virus (BFDV) and avian polyomavirus (APV) DNA in psittacine birds in Italy– *Journal of Veterinary Medicine B*, 52 (2): 64- 68
- Tomassone L.**, Camicas J.L., Pagani P., Diallo O.T., Mannelli A., De Meneghi D., 2004. Monthly dynamics of ticks (Acari: Ixodida) infesting N'Dama cattle in the Republic of Guinea. *Exp Appl Acarol* 32 (3): 209-218

Selected international projects

CoEvalAMR, financed by the Joint Programming Initiative on Antimicrobial Resistance (JPIAMR; <https://www.jpamr.eu/>), 2019.

Action TD1404 Network for Evaluation of One Health (NEOH), Working Group 2 (leader of the case study: 'West Nile virus integrated Surveillance in Northern Italy: impact evaluation'); 2014-2018

Action TD1303 European Network for Neglected Vectors and Vector-Borne Infections (EURNEGVEC), Working Groups 3-4 (Geospatial tools in vector research and Phylogenetics and phylogeography of vectors and vector-borne pathogens) and 5 (Rare and emerging vector-borne pathogens); 2013-2017

External Scientific Report "Inventory of available data and data sources and proposal for data collection on vector-borne zoonoses in animals" for the European Food Safety Authority EFSA (CFT/EFSA/Zoonoses/2009/01; years 2010-2012; co-ordinator: Prof. A. Mannelli, University of Torino).

Selected national projects

'Creation of a network aimed at communicating and reducing the risk of spreading antimicrobial resistance in exposed workers', financed by INAIL (National Institute of Occupational Accident Insurance), 2017-2019

'Antibiotic resistance in pig farms: in vivo and post-mortem surveillance in farms categorized with the ClassyFarm system', financed by CRT (Cassa di Risparmio di Torino), 2019-2021.

'Prudent use of drugs in veterinary medicine: a One-Health approach, combining sustainability and animal welfare', Department of Veterinary Sciences, University of Turin, awarded as Department of Excellence by MIUR (Ministry of Education, University and Research) (2018-2022).

Other

Reviewer for several journals (Parasites and Vectors, Ticks and tick-borne diseases, Journal of Medical Entomology, Acta tropica, Vector Borne and Zoonotic Diseases, Zoonosis and Public Health, The Veterinary Journal, BMC Infectious Diseases, The SciTech, Frontiers in Cellular and Infection Microbiology).

References

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