

PERSONAL INFORMATION

Laura Tomassone

 Largo Braccini 2, Grugliasco (Torino), 10095, Italy

 0039 0116709195

 laura.tomassone@unito.it

 http://veterinaria.campusnet.unito.it/do/docenti.pl/Show?_id=ltomasso



Nationality Italian

POSITION

DVM, Associate professor

WORK EXPERIENCE

From October 2007 – to date

Associate 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 Ornitologica 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:

Garcia-Vozmediano A, Bellato A, Rossi L, Hoogerwerf MN, Sprong H, **Tomassone L.** Use of Wild Ungulates as Sentinels of TBEV Circulation in a Naïve Area of the Northwestern Alps, Italy. *Life*. 2022; 12(11):1888. <https://doi.org/10.3390/life12111888>

Garcia-Vozmediano A, De Meneghi D, Sprong H, Portillo A, Oteo JA, **Tomassone L.**, 2022. A One Health Evaluation of the Surveillance Systems on Tick-Borne Diseases in the Netherlands, Spain and Italy. *Vet Sci.*;9(9):504. doi: 10.3390/vetsci9090504.

Stroffolini G, Segala FV, Lupia T, Faraoni S, Rossi L, **Tomassone L**, Zanet S, De Rosa FG, Di Perri G, Calcagno A., 2021. Serology for *Borrelia* spp. in Northwest Italy: A Climate-Matched 10-Year Trend. *Life*, 11(12):1310. <https://doi.org/10.3390/life11121310>

- Cediel Becerra NM, Olaya Medellin AM, **Tomassone L**, Chiesa F, De Meneghi D, 2021. A Survey on One Health Approach in Colombia and Some Latin American Countries: From a Fragmented Health Organization to an Integrated Health Response to Global Challenges. *Front Public Health*, 9: 649240. doi: 10.3389/fpubh.2021.649240
- Garcia-Vozmediano, A., **Tomassone L**, Fonville, M., Bertolotti, L., Heylen, D., Fabri, N.D., Medlock J.M., Nijhof, A.D., Hansford, K.M., Sprong, H., Krawczyk, A.I., 2021. The genetic diversity of Rickettsiella symbionts in Ixodes ricinus throughout Europe. *Microb. Ecol.* doi: 10.1007/s00248-021-01869-7.
- Marchino M, Paternoster G, Favretto AR, Balduzzi G, Berezowski J, **Tomassone L**, 2021. Process evaluation of integrated West Nile virus surveillance in Northern Italy: an example of One Health approach in public health policy. *Evaluation and Program Planning*, 89: 101991. <https://doi.org/10.1016/j.evalprogplan.2021.101991>
- Bellato A., Pintore M.D., Catelan D., Pautasso A., Torina A., Rizzo F., Mandola M.L., Mannelli A., Casalone C., **Tomassone L**, 2021. Risk of tick-borne zoonoses in urban green areas: a case study from Turin, northwestern Italy. *Urban Forestry & Urban Greening*, <https://doi.org/10.1016/j.ufug.2021.127297>
- Garcia-Vozmediano A, Giglio G, Ramassa E, Nobili F, Rossi L, **Tomassone L**. Low risk perception about ticks and tick-borne diseases in an area recently invaded by ticks in northwestern Italy. *Vet. Sci.* 2021, 8(7), 131. <https://doi.org/10.3390/vetsci8070131>
- Sandberg M, Hesp A, Aenishaenslin C, Bordier M, Bennani H, Bergwerff U, Chantziaras I, De Meneghi D, Ellis-Iversen J, Filippitzi ME, Mintiens K, Rosenbaum Nielsen L, Norström M, **Tomassone L**, van Schaik G, Alban L. Assessment of evaluation tools for integrated surveillance of antimicrobial use and resistance based on selected case studies. *Front. Veterinary Science*, 2021, 8: 620998. <https://doi.org/10.3389/fvets.2021.620998>
- Bonvegna M, Grego E, Sona B, Stella MC, Nebbia P, Mannelli A, **Tomassone L**. Occurrence of methicillin-resistant Coagulase-Negative Staphylococci (MRCoNS) and methicillin-resistant *Staphylococcus aureus* (MRSA) from pigs and farm environment in northwestern Italy. *Antibiotics*, 2021; 10(6):676. doi: 10.3390/antibiotics10060676.
- Chiesa F*, **Tomassone L***, Savic S, Bellato A, Mihalca AD, Modrý D, Häsler B, De Meneghi D. A survey on One Health perception and experiences in Europe and neighboring areas. *Front. Public Health* 2021; 9:609949. doi: 10.3389/fpubh.2021.609949 [*first authors]
- Garcia-Vozmediano A, Giglio G, Ramassa E, Nobili F, Rossi L, **Tomassone L**. *Dermacentor marginatus* and *Dermacentor reticulatus*, and their infection by SFG Rickettsiae and Francisella-like endosymbionts, in mountain and periurban habitats of northwestern Italy. *Vet. Sci.* 2020, 7, 157.
- Garcia-Vozmediano A, Krawczyk AI, Sprong H, Rossi L, Ramassa E, **Tomassone L**. Ticks climb the mountains: Ixodid tick infestation and infection by tick-borne pathogens in the Western Alps. *Ticks Tick Borne Dis.* 2020;11(5):101489. doi: 10.1016/j.ttbdis.2020.101489.
- 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, Modrý 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, Mastrorilli 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. "Ormilo 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, Gaspe 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
- 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
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- 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
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Selected international projects

- Convergence in evaluation frameworks for integrated surveillance of AMR and AMU, CoEval-AMR PHASE 2, financed by the Joint Programming Initiative on Antimicrobial Resistance (JPIAMR; <https://www.jpiamr.eu/>), 2021-23.
- CoEvalAMR, financed by the Joint Programming Initiative on Antimicrobial Resistance (JPIAMR; <https://www.jpiamr.eu/>), 2019.
- COST Action CA21170 - Prevention, anticipation and mitigation of tick-borne disease risk applying the DAMA protocol (PRAGMATICK). 2022-2026. Co-leader of WG3 (Spread and establishment of ticks and tick-borne pathogens under changing climate).
- COST Action CA18217 – European Network for Optimization of Veterinary Antimicrobial Treatment (ENOVAT), 2019-2023.
- COST Action TD1404 Network for Evaluation of One Health (NEOH); 2014-2018
- COST Action TD1303 European Network for Neglected Vectors and Vector-Borne Infections (EURNEGVEC), 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).

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|----------------------------------|---|
| Selected national projects | PE13 INF-ACT, One Health Basic and Translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases. Financed by Piano Nazionale di Ripresa e Resilienza – PNRR, 2022-2025 |
| Memberships | SIVtro – Veterinaires Sans Frontieres Italy (https://www.vsf-italia.it/) Centre of Studies on West Africa - CISAO (Centro Interdipartimentale di Studi dell'Africa Occidentale) of Torino University (https://www.cisao.unito.it/it/il-centro). Italian Society of Tropical Medicine (SIMET; http://www.simetweb.eu) NEOH-Network for Ecohealth and One Health, Ecohealth International (https://neoh.onehealthglobal.net/) |
| 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 and Infection Microbiology). |
| Recent attended seminars/courses | Hybrid Real Time Foot-and-Mouth Disease Training, by the European Commission for the Control of Foot-and-Mouth Disease, Turin (Italy), June 21-24, 2022 (34h) 'CPSG (Conservation Planning Specialist Group) Wildlife Disease Risk Analysis (WDRA)', Online Training Course, by IUCN - International Union for Conservation of Nature; 7/03-19/04 2022 (https://www.conservationtraining.org/course/view.php?id=1163). 'Political Economy of Anti-Microbial Resistance and Infectious Diseases in Livestock Systems', Royal Veterinary College and School of Oriental and African Studies (SOAS), University of London; 15/02-23/04/21 (10 credits). ESCMID Postgraduate Education Course 'Practical Diagnosis of Arthropod Borne Infections', 17-19 March 2014; Unité des Rickettsies, Faculté de Médecine, Marseille In 2015-2019, she attended and attained a statement of accomplishment for the online courses: - 'Statistical Learning', 'Medical Statistics' (certificate with distinction), and 'Writing in the Sciences', offered by Stanford University, USA (https://lagunita.stanford.edu/) - 'Medical Entomology' and 'Resistance to antibacterial agents', proposed by the Institute Pasteur, Paris, and 'One Health', proposed by the University of Basel (https://www.fun-mooc.fr). - 'Effective Livestock Production with Low Use of Antibiotics' by the Swedish University of Agricultural Sciences (https://www.futurelearn.com) - 'Antimicrobial resistance: the pathology of the millennium' by Istituto Zooprofilattico Sperimentale della Lombardia e Emilia Romagna (http://formazione.izsler.it) |
| References | Uriel Kitron, Ph.D., M.P.H. Professor and Chair Dept. of Environmental Studies, Emory University, Atlanta, USA. E-mail: ukitron@emory.edu Alessandro Mannelli, DVM, MS, Ph.D. Associate professor DPAEE, Dept. of veterinary Sciences, University of Turin, Italy. E-mail: alessandro.mannelli@unito.it Gerrit Uilenberg, Formerly: CIRAD-EMVT, France. E-mail address: uilenber@club-internet.fr |