

INFORMAZIONI PERSONALI

Fabrizio Montarsi



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OCCUPAZIONE DESIDERATA

Entomologia medica e sanitaria

ESPERIENZA
PROFESSIONALE

gennaio 2015 alla data attuale

Dirigente biologo

Istituto Zooprofilattico Sperimentale delle Venezie, Padova Viale dell'Università, 10 – 35020 Legnaro (PD)

- Monitoraggio e identificazione di vettori di patogeni
- Settore Entomologia sanitaria, sanità pubblica

ottobre 2009 a gennaio 2015

Consulente libero professionista

Istituto Zooprofilattico Sperimentale delle Venezie, Padova Viale dell'Università, 10 – 35020 Legnaro (PD)

- Allevamento di zanzare vettori: Culex pipiens e Aedes albopictus
- Allevamento di zecche: Ixodes ricinus e Rhipicephalus sanguineus
- Settore Entomologia sanitaria, sanità pubblica

maggio 2012 a marzo 2013

Consulente libero professionista

Istituto Zooprofilattico Sperimentale di Lazio e Toscana, Viale Appia Nuova, 1411– 00178 Roma

- Monitoraggio delle zanzare per il progetto europeo "Vector competence of European mosquitoes to Rift Valley fever virus"
- Settore Entomologia sanitaria, sanità pubblica

Gennaio-giugno 2009 Consulente libero professionista

Istituto Zooprofilattico Sperimentale delle Venezie, Padova Viale dell'Università, 10 – 35020 Legnaro (PD)

- Monitoraggio e identificazione dei flebotomi (Phlebotomus spp.)
- Settore Entomologia sanitaria, sanità pubblica

febbraio 2005 a dicembre 2008

Borsa di studio

Istituto Zooprofilattico Sperimentale delle Venezie, Padova Viale dell'Università, 10 – 35020 Legnaro (PD)

- Piano di sorveglianza nazionale del Bluetongue virus. Identificazione dei vettori (Culicoides spp.)
- Settore Entomologia sanitaria, sanità pubblica

ISTRUZIONE E FORMAZIONE

- marzo 2012 **Specializzazione in Microbiologia e Virologia**
Università di Padova
- gennaio 2007 **Abilitazione all'esercizio della professione di biologo**
Università di Roma "La Sapienza"
- Maggio-ottobre 2003 **Master post-laurea**
Università di Milano
▪ Produzione biologiche: gestione, controllo e marketing
- febbraio 2002 **Laurea in biologia**
Università di Roma "La Sapienza"
▪ Ecologia e zoologia

COMPETENZE PERSONALI

Lingua madre	Italiano				
	COMPRENSIONE		PARLATO		SCRITTURA
Lingue straniere	Ascolto	Lettura	Interazione	Produzione orale	
	C1	C1	B2	B2	B2
Levels: A1/A2: utente bse - B1/B2: utente autonomo - C1/C2 utente avanzato <u>Common European Framework of Reference for Languages</u>					
Competenze comunicative	Buon livello di comunicazione raggiunto attraverso corsi di comunicazione ed esperienze come relatore in conferenze e seminari				
Competenze gestionali	Propensione al lavoro di gruppo con partner nazionali ed internazionali. Relazione quotidiana con clienti. Gestione e programmazione di piani di sorveglianza epidemiologica. Tutor per tesi di laurea (16 volte) e organizzatore di team di almeno 5 persone.				
Competenze digitali	Conoscenza degli applicativi Microsoft e del pacchetto Office, ricerche online.				
Alter competenze	Identificazione di artropodi, pesci, uccelli. Entomologia forense.				

ULTERIORI INFORMAZIONI

Courses	2019. Training course tenuto dall'Ente Nazionale dell'Ambiente di Singapore dal titolo "Sixth Singapore International Dengue Workshop for the detection of field surveillance & control of dengue vector (5 giorni). 2018. - Training course tenuto da Istituto Zooprofilattico Sperimentale della Sicilia sull'uso del filth test per la determinazione di contaminanti solidi (2 gg). 2015. - Training course tenuto da Istituto Zooprofilattico Sperimentale di Lombardia ed Emilia Romagna su identificazione di acari delle derrate alimentari (2 gg). 2014. - Training course tenuto da Society for Vector Control (E-SOVE) a Salonicco (Grecia) su controllo, identificazione e monitoraggio di flebotomi (2 gg). 2013. – Master di I livello (1.0 ECTS credit) presso Utrecht University (The Netherlands) su identificazione di zecche (6 gg). 2011. - Training course tenuto dalla Società Italiana di Entomologia Forense (GIEF) su principi di entomologia forense (3 gg). 2009. - Stage presso l'Istituto Superiore di Sanità – Roma (7 gg). Identificazione di zanzare. 2007. - Stage presso l'Institute of Animal Health - Pirbright, United Kingdom (15 gg). Identificazione di Culicoides.
Presentazioni Conferenze	Partecipazione a 81 meetings (nazionali ed internazionali) come relatore. In totale 187 pubblicazioni su atti di congressi, nazionali e internazionali.
Memberships	Partecipazione a 88 conferenze e meetings come uditore. Membro of SOIPA (Società Italiana di Parassitologia) and GIEF (Società Italiana di Entomologia Forense).

ALLEGATI

- Lista delle pubblicazioni.

Il sottoscritto è a conoscenza che, ai sensi dell'art. 76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali. Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo quanto previsto dalla Legge 196/03.

Legnano (PD), 17 marzo 2020

Fabrizio Montarsi

ALLEGATO

1. Bonfanti L., Cecchinato M., Ciaravino G., Montarsi F., Lorenzetto M., Natale A., Bortolotti L., Ceglie L., Marangon S. Gestione e controllo dell'infezione da Bluetongue virus sierotipo 8 (BTV-8). Large Animal Review. 2008, 14: 259-266.
2. Capelli G., Montarsi F., Porcellato E., Maioli G., Furnari C., Rinaldi L., Oliva G., Otranto D. Occurrence of *Rickettsia felis* in dog and cat fleas (*Ctenocephalides felis*) from Italy. Parasit & Vectors. 2009, 2 (Suppl1):S8
3. Cassini R., Bonoli C., Montarsi F., Tessarin C., Mercer F., Galuppi R. Detection of Babesia EU1 in *Ixodes ricinus* ticks in northern Italy. Vet Parasitol. 2010, Jul 15;171(1-2):151-4
4. Capelli G., Drago A., Martini S., Montarsi F., Soppelsa M., Delai N., Ravagnan S., Mazzon L., Schaffner F., Mathis A., Di Luca M., Romi R., Russo F. First report in Italy of the exotic mosquito species *Aedes (Finlaya) koreicus*, a potential vector of arboviruses and filariae. Parasit Vectors. 2011, Sep 28;4:188.
5. Tagliapietra V., Rosà R., Arnoldi D., Cagnacci F., Capelli G., Montarsi F., Hauffe HC., Rizzoli A. Saturation deficit and deer density affect questing activity and local abundance of *Ixodes ricinus* (Acari, Ixodidae) in Italy. Vet Parasitol. 2011, Dec 29;183(1-2):114-24.
6. Savini G., Capelli G., Monaco F., Polci A., Russo F., Di Gennaro A., Marini V., Teodori L., Montarsi F., Pinoni C., Pisciella M., Terregino C., Marangon S., Capua I., Lelli R. Evidence of West Nile virus lineage 2 circulation in Northern Italy. Vet Microbiol. 2012, Aug 17;158(3-4):267-73.
7. Gobbi F., Barzon L., Capelli G., Angheben A., Pacenti M., Napoletano G., Piovesan C., Montarsi F., Martini S., Rigoli R., Cattelan AM., Rinaldi R., Conforto M., Russo F., Palù G., Bisoffi Z.; Veneto Summer Fever Study Group. Surveillance for West Nile, dengue, and chikungunya virus infections, Veneto Region, Italy, 2010. Emerg Infect Dis. 2012, Apr;18(4):671-3.
8. Latrofa MS., Montarsi F., Ciocchetta S., Annoscia G., Dantas-Torres F., Ravagnan S., Capelli G., Otranto D. Molecular xenomonitoring of *Dirofilaria immitis* and *Dirofilaria repens* in mosquitoes from north-eastern Italy by real-time PCR coupled with melting curve analysis. Parasit Vectors. 2012, Apr 20;5:76.
9. Solano-Gallego L., Rossi L., Scroccaro AM., Montarsi F., Caldin M., Furlanello T., Trotta M. Detection of *Leishmania infantum* DNA mainly in *Rhipicephalus sanguineus* male ticks removed from dogs living in endemic areas of canine leishmaniosis. Parasit Vectors. 2012, May 21;5:98.
10. Trotta M., Nicetto M., Fogliazza A., Montarsi F., Caldin M., Furlanello T., Solano-Gallego L. Detection of *Leishmania infantum*, *Babesia canis*, and *rickettsiae* in ticks removed from dogs living in Italy. Ticks Tick Borne Dis. 2012, Dec;3(5-6):294-7.
11. Marini F., Mutinelli F., Montarsi F., Cline AR., Gatti E., Audisio P. First report in Italy of the dusky sap beetle, *Carpophilus lugubris*, a new potential pest for Europe. J Pest Sci 2013, DOI 10.1007/s10340-013-0479-9.
12. Audisio P., Marini F., Gatti E., Montarsi F., Mutinelli F., Campanaro A., Cline AR. A scientific note on rapid host shift of the invasive dusky sap beetle (*Carpophilus lugubris*) in Italian beehives: new commensal or potential threat for European apiculture? Apidologie 2013, DOI: 10.1007/s13592-013-0260-3.
13. Goffredo M., Monaco F., Capelli G., Quaglia M., Federici V., Catalani M., Montarsi F., Polci A., Pinoni C., Calistri P., Savini G., Schmollenberg virus in Italy: a retrospective survey in Culicoides stored during the bluetongue Italian surveillance program. Prev Vet Med. 2013, Sep 1;111(3-4):230-6.
14. Cassini R., Signorini M., Frangipane di Regalbono A., Natale A., Montarsi F., Zanaica M., Brichese M., Simonato G., Borgato S., Babiker A., Pietrobelli M. Preliminary study of the effects of preventive measures on the prevalence of Canine Leishmaniosis in a recently established focus in northern Italy. Vet Ital. 2013, Jun;49(2):157-161.
15. Signorini M., Drigo M., Marcer F., Frangipane di Regalbono A., Gasparini G., Montarsi F., Pietrobelli M., Cassini R. Comparative field study to evaluate the performance of three different traps for collecting sand flies in northeastern Italy. J Vect Ecol 2013, 38(2): 374-378.
16. Capelli G., Ravagnan S., Montarsi F., Cazzin S., Bonfanti L., Di Gennaro A., Portanti O., Mulatti P., Monne I., Cattoli G., Cester G., Russo F., Savini G., Marangon S. Further evidence of lineage 2 West Nile Virus in *Culex pipiens* of North-Eastern Italy. Vet Ital 2013, 49(3): 263-268.
17. Calzolari M., Monaco F., Montarsi F., Bonilauri P., Ravagnan S., Bellini R., Cattoli G., Cordioli P., Cazzin S., Pinoni C., Marini V., Natalini S., Goffredo M., Angelini P., Russo F., Dottori M., Capelli G., Savini G. New incursions of West Nile virus lineage 2 in Italy in 2013: the value of the entomological surveillance as early warning system. Vet Ital 2013, 49(3):315-319.
18. Montarsi F., Martini S., Dal Pont M., Delai N., Ferro Milone N., MazzucatoM., Soppelsa F., Cazzola L., Cazzin S., Ravagnan S., Ciocchetta S., Russo F., Capelli G. Distribution and habitat characterization of the recently introduced invasive mosquito *Aedes koreicus* [*Hulecoeteomyia koreica*], a new potential vector and pest in north-eastern Italy. Parasit Vectors 2013, 6:292.
19. Mughini-Gras L., Mulatti P., Severini F., Boccolini D., Romi R., Bongiorno G., Khoury C., Bianchi R., Montarsi F., Patregnani T., Bonfanti L., Rezza G., Capelli G., Busani L. Ecological Niche Modelling of Potential West Nile Virus Vector Mosquito Species and Their Geographical

Association with Equine Epizootics in Italy. Ecohealth 2013, Oct 12.

20. Mulatti P, Ferguson HM, Bonfanti L, Montarsi F, Capelli G, Marangon S. Determinants of the population growth of the West Nile virus mosquito vector *Culex pipiens* in a repeatedly affected area in Italy. *Parasit Vectors*. 2014; 7: 26.
21. Gobbi F, Capelli G, Angheben A, Giobbia M, Conforto M, Franzetti M, Cattelan AM, Raise E, Rovere P, Mulatti P, Montarsi F, Drago A, Barzon L, Napoletano G, Zanella F, Pozza F, Russo F, Rosi P, Palù G, Bisoffi Z, Summer Fever Study Group. Human and entomological surveillance of West Nile fever, dengue and chikungunya in Veneto Region, Italy, 2010-2012. *BMC Infectious Diseases* 2014, 14:60.
22. Mulatti P, Mazzucato M, Montarsi F, Ciocchetta S, Capelli G, Bonfanti L, Marangon S. Retrospective space-time analysis methods to support West Nile virus surveillance activities. *Epidemiol Infect*. 2014, Mar 18:1-12.
23. Otranto D, Dantas-Torres F, Giannelli A, Latrofa MS, Cascio A, Cazzin S, Ravagnan S, Montarsi F, Zanzani SA, Manfredi MT, Capelli G. Ticks infesting humans in Italy and associated pathogens. *Parasit Vectors*. 2014, Jul 14;7(1):328.
24. Mutinelli F, Montarsi F, Federico G, Granato A, Maroni Ponti A, Grandinetti G, Ferrè N, Franco S, Duquesne V, Rivière MP, Thiéry R, Henrikx P, Ribière-Chabert M, Chauzat MP. Detection of *Aethina tumida* Murray (Coleoptera: Nitidulidae.) in Italy: outbreaks and early reaction measures. *Journal of Apicultural Research* 2014, 53(5): 569-575.
25. Montarsi F, Mazzon L, Cazzin S, Ciocchetta S, Capelli G. Seasonal and Daily Activity Patterns of Mosquito (Diptera: Culicidae) Vectors of Pathogens in Northeastern Italy. *J. Med. Entomol.* 2015, 52(1): 56-62
26. Ramos RA, Campbell BE, Whittle A, Lia RP, Montarsi F, Parisi A, Dantas-Torres F, Wall R, Otranto D. Occurrence of *Ixodiphagus hookeri* (Hymenoptera: Encyrtidae) in *Ixodes ricinus* (Acari: Ixodidae) in Southern Italy. *Ticks Tick Borne Dis*. 2015, Jan 8. pii: S1877-959X(15)00003-5.
27. Martínez-de la Puente J, Muñoz J, Capelli G, Montarsi F, Soriguer R, Arnoldi D, Rizzoli A, Figuerola J. Avian malaria parasites in the last supper: identifying encounters between parasites and the invasive Asian mosquito tiger and native mosquito species in Italy. *Malar J*. 2015, Jan 28;14(1):32.
28. Montarsi F, Ciocchetta S, Devine G, Ravagnan S, Mutinelli F, Frangipane di Regalbono A, Otranto D, Capelli G. Development of *Dirofilaria immitis* within the mosquito *Aedes* (*Finlaya*) *koreicus*, a new invasive species for Europe. *Parasit Vectors* 2015, 8:177.
29. Rizzoli A, Bolzoni L, Chadwick EA, Capelli G, Montarsi F, Grisenti M, de la Puente JM, Muñoz J, Figuerola J, Soriguer R, Anfora G, Di Luca M, Rosà R. Understanding West Nile virus ecology in Europe: *Culex pipiens* host feeding preference in a hotspot of virus emergence. *Parasit Vectors*. 2015, Apr 9;8(1):213.
30. Baldacchino F, Caputo B, Chandre F, Drago A, Della Torre A, Montarsi F, Rizzoli A.. Control methods against invasive *Aedes* mosquitoes in Europe: a review. *Pest Manag Sci*. 2015, May 21. doi: 10.1002/ps.4044.
31. Ravagnan S, Montarsi F, Cazzin S, Porcellato E, Russo F, Palei M, Monne I, Savini G, Marangon S, Barzon L, Capelli G. First report outside Eastern Europe of West Nile virus lineage 2 related to the Volgograd 2007 strain, northeastern Italy, 2014. *Parasit Vectors*. 2015, 13(8): 418.
32. Calzolari M, Pautasso A, Montarsi F, Albieri A, Bellini R, Bonilauri P, et al. West Nile Virus Surveillance in 2013 via Mosquito Screening in Northern Italy and the Influence of Weather on Virus Circulation. *PLoS ONE* 2015, 10(10): e0140915.
33. Fortuna C, Remoli ME, Di Luca M, Severini F, Toma L, Benedetti E, Bucci P, Montarsi F, Minelli G, Boccolini D, Romi R, Ciufolini MG. Experimental studies on comparison of the vector competence of four Italian *Culex pipiens* populations for West Nile virus. *Parasit Vectors* 2015, 8:463.
34. Montarsi F, Drago A, Martini S, Calzolari M, Defilippo F, Bianchi A, Mazzucato M, Ciocchetta S, Arnoldi D, Baldacchino, Rizzoli A, Capelli. Current distribution of the invasive mosquito species, *Aedes koreicus* [*Hulecoeteomyia koreica*] in northern Italy. *Parasits Vectors* 2015, 8:614.
35. Di Luca M, Toma L, Boccolini D, Severini F, La Rosa G, Minelli G, Bongiorno G, Montarsi F, Arnoldi D, Capelli G, Rizzoli A, Romi R. Ecological Distribution and CQ11 Genetic Structure of *Culex pipiens* Complex (Diptera: Culicidae) in Italy. *PLoS One*. 2016, Jan 7;11(1):e0146476.
36. Marcantonio M, Metz M, Baldacchino F, Arnoldi D, Montarsi F, Capelli G, Carlin S, Neteler M, Rizzoli A. First assessment of potential distribution and dispersal capacity of the emerging invasive mosquito *Aedes koreicus* in Northeast Italy. *Parasit Vectors*. 2016 Feb 3;9:63.
37. Mutinelli F, Federico G, Carlin S, Montarsi F, Audisio P. Preliminary investigation on other Nitidulidae beetles species occurring on rotten fruit in Reggio Calabria province (south-western Italy) infested with small hive beetle (*Aethina tumida*). *Journal of Apicultural Research*,

2016. DOI: 10.1080/00218839.2016.1142733.

38. Guzzetta G, Poletti P, Montarsi F, Baldacchino F, Capelli G, Rizzoli A, Rosà R, Merler S. Assessing the potential risk of Zika virus epidemics in temperate areas with established *Aedes albopictus* populations. *Euro Surveill*. 2016 Apr 14;21(15).
39. Seidel B, Montarsi F, Huemer HP, Indra A, Capelli G, Allerberger F, Nowotny N. First record of the Asian bush mosquito, *Aedes japonicus japonicus*, in Italy: invasion from an established Austrian population. *Parasit Vectors*. 2016 May 16;9(1):284.
40. Guzzetta G, Montarsi F, Baldacchino FA, Metz M, Capelli G, Rizzoli A, Pugliese A, Rosà R, Poletti P, Merler S. Potential Risk of Dengue and Chikungunya Outbreaks in Northern Italy Based on a Population Model of *Aedes albopictus* (Diptera: Culicidae). *PLoS Negl Trop Dis*. 2016 Jun 15;10(6):e0004762.
41. Baldacchino F, Bussola F, Arnoldi D, Marcantonio M, Montarsi F, Capelli G, Rosà R, Rizzoli A. An integrated pest control strategy against the Asian tiger mosquito in northern Italy: a case study. *Pest Manag Sci*. 2016 Aug 19. doi: 10.1002/ps.4417.
42. Schneider J, Valentini A, Dejean T, Montarsi F, Taberlet P, Glaizot O, Fumagalli L. Detection of Invasive Mosquito Vectors Using Environmental DNA (eDNA) from Water Samples. *PLoS One*. 2016 Sep 14;11(9):e0162493.
43. Ciocchetta S, Darbro JM, Frentiu FD, Montarsi F, Capelli G, Aaskov JG, Devine GJ. Laboratory colonization of the European invasive mosquito *Aedes* (*Finlaya*) *koreicus*. *Parasit Vectors*. 2017 Feb 10;10(1):74. doi: 10.1186/s13071-017-2010-2.
44. Silaghi C, Beck R, Capelli G, Montarsi F, Mathis A. Development of *Dirofilaria immitis* and *Dirofilaria repens* in *Aedes japonicus* and *Aedes geniculatus*. *Parasit Vectors*. 2017 Feb 20;10(1):94. doi: 10.1186/s13071-017-2015-x.
45. Marini G, Guzzetta G, Baldacchino F, Arnoldi D, Montarsi F, Capelli G, Rizzoli A, Merler S, Rosà R. The effect of interspecific competition on the temporal dynamics of *Aedes albopictus* and *Culex pipiens*. *Parasit Vectors*. 2017 Feb 23;10(1):102. doi: 10.1186/s13071-017-2041-8.
46. Baldacchino F, Montarsi F, Arnoldi D, Barategui C, Ferro Milone N, Da Rold G, Capelli G, Rizzoli A. A 2-yr Mosquito Survey Focusing on *Aedes koreicus* (Diptera: Culicidae) in Northern Italy and Implications for Adult Trapping. *J Med Entomol*. 2017 May 1;54(3):622-630.
47. Baldacchino F, Arnoldi D, Lapère C, Rosà R, Montarsi F, Capelli G, Rizzoli A. Weak Larval Competition Between Two Invasive Mosquitoes *Aedes koreicus* and *Aedes albopictus* (Diptera: Culicidae). *J Med Entomol*. 2017 Apr 28.
48. Baldacchino F, Marcantonio M, Manica M, Marini G, Zorer R, Delucchi L, Arnoldi D, Montarsi F, Capelli G, Rizzoli A, Rosà R. Mapping of *Aedes albopictus* abundance at a local scale in Italy. *Remote Sens*. 2017, 9, 749; doi:10.3390/rs9070749.
49. Mancini G, Montarsi F, Calzolari M, Capelli G, Dottori M, Ravagnan S, Lelli D, Chiari M, Santilli A, Quaglia M, Quaglia M, Federici V, Monaco F, Goffredo M, Savini G. Mosquito species involved in the circulation of West Nile and Usutu viruses in Italy. *Vet Ital*. 2017 Jun 30;53(2):97-110.
50. Magliano A, Scaramozzino P, Ravagnan S, Montarsi F, DA Rold G, Cincinelli G, Moni A, Silvestri P, Carvelli A, Deliberato C. Indoor and outdoor winter activity of Culicoides biting midges, vectors of bluetongue virus, in Italy. *Med Vet Entomol*. 2017 Aug 22.
51. Guzzetta G, Trentini F, Poletti P, Baldacchino FA, Montarsi F, Capelli G, Rizzoli A, Rosà R, Merler S, Melegaro A. Effectiveness and economic assessment of routine larviciding for prevention of chikungunya and dengue in temperate urban settings in Europe. *PLoS Negl Trop Dis*. 2017 Sep 11;11(9):e0005918.
52. Pichler V, Bellini R, Veronesi R, Arnoldi D, Rizzoli A, Lia RP, Otranto D, Montarsi F, Carlin S, Ballardini M, Antognini E, Salvemini M, Brianti E, Gaglio G, Manica M, Cobre P, Serini P, Velo E, Vontas J, Kioulos I, Pinto J, Della Torre A, Caputo B. First evidence of resistance to pyrethroid insecticides in Italian *Aedes albopictus* populations after 26 years since invasion. *Pest Manag Sci*. 2018 Jun;74(6):1319-1327. doi: 10.1002/ps.4840.
53. Minicante SA, Carlin S, Stocco M, Sfriso A, Capelli G, Montarsi F. Preliminary Results On the Efficacy of Macroalgal Extracts Against Larvae of *Aedes albopictus*. *J Am Mosq Control Assoc*. 2017 Dec;33(4):352-354.
54. Da Rold G, Ravagnan S, Soppelsa F, Porcellato E, Soppelsa M, Obber F, Citterio CV, Carlin S, Danesi P, Montarsi F, Capelli G. Ticks are more suitable than red foxes for monitoring zoonotic tick-borne pathogens in northeastern Italy. *Parasit Vectors*. 2018 Mar 20;11(1):137.
55. Ravagnan S, Tomassone L, Montarsi F, Krawczyk AI, Mastorilli E, Sprong H, Milani A, Rossi L, Capelli G. First detection of *Borrelia miyamotoi* in *Ixodes ricinus* ticks from northern Italy. *Parasit Vectors*. 2018 Mar 20;11(1):130.
56. Ciocchetta S, Prow NA, Darbro JM, Frentiu FD, Savino S, Montarsi F, Capelli G, Aaskov JG, Devine GJ. The new European

- invader Aedes (Finlaya) koreicus: a potential vector of chikungunya virus. *Pathog Glob Health.* 2018 May 8:1-8
57. Trentini F, Poletti P, Baldacchino F, Drago A, Montarsi F, Capelli G, Rizzoli A, Rosà R, Rizzo C, Merler S, Melegaro A. The containment of potential outbreaks triggered by imported Chikungunya cases in Italy: a cost utility epidemiological assessment of vector control measures. *Sci Rep.* 2018 Jun 13;8(1):9034
58. Riccardo F, Monaco F, Bella A, Savini G, Russo F, Cagarelli R, Dottori M, Rizzo C, Venturi G, Di Luca M, Pupella S, Lombardini L, Pezzotti P, Parodi P, Maraglino F, Costa AN, Liumentano GM, Rezza G; The Working Group. An early start of West Nile virus seasonal transmission: the added value of One Health surveillance in detecting early circulation and triggering timely response in Italy, June to July 2018. *Euro Surveill.* 2018 Aug;23(32).
59. Marini G, Rosà R, Pugliese A, Rizzoli A, Rizzo C, Russo F, Montarsi F, Capelli G. West Nile virus transmission and human infection risk in Veneto (Italy): a modelling analysis. *Sci Rep.* 2018 Sep 18;8(1):14005.
60. Marcondes CB, De Mello CF, Bastos AQ, Montarsi F, Alencar J, Santos-Mallet J. Description of the egg of *Hulecoeteomyia koreica* (Edwards) (Diptera: Culicidae) using scanning electron microscopy. *Zootaxa.* 2018 Jun 29;4442(1):194-200.
61. Capelli G, Genchi C, Baneth G, Bourdeau P, Brianti E, Cardoso L, Danesi P, Fuehrer HP, Giannelli A, Ionică AM, Maia C, Modrý D, Montarsi F, Krücken J, Papadopoulos E, Petrić D, Pfeffer M, Savić S, Otranto D, Poppet S, Silaghi C. Recent advances on *Dirofilaria repens* in dogs and humans in Europe. *Parasit Vectors.* 2018 Dec 19;11(1):663.
62. Pichler V, Malandruccolo C, Paola S, Bellini R, Severini F, Toma L, Di Luca M, Montarsi F, Ballardini M, Manica M, Petrarca V, Vontas J, Kasai S, Della Torre A, Caputo B. Phenotypic and genotypic pyrethroid resistance of *Aedes albopictus*, with focus on the 2017 chikungunya outbreak in Italy. *Pest Manag Sci.* 2019 Feb 6.
63. Montarsi F, Carlin S, Da Rold G, Ravagnan S, Porcellato E, Toniolo F, Michelutti A, Gradoni F, Napolitano G, Ianniello M, Capelli G. The significance of the entomological surveillance in the prevention of vector-borne diseases. *Int J Infect Dis.* 2019 Vol. 79, Suppl 1, p 61.
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Europass curriculum vitae

Personal information

First name / Surname(s)	DAVIDE LELLI
Address	
Telephone(s)	+39 () +39 () +39 ()
Fax	+39
E-mail	
Nationality	
Date and locality of birth	2
Gender	1

Work experience

Date	1 November 2008 – now
Position	Veterinarian, Virologist
Main activities and responsibilities	The activity of study and research deals with virological and serological diagnosis of viral diseases of livestock and wildlife species and standardization of new diagnostic methods based mainly on the use of monoclonal antibodies. He is especially involved in the diagnostic activities and diseases management performed under the National Monitoring plans for viral disease control (e.g. West Nile disease, Avian Influenza, Aujeszky disease, Blue Tongue etc.). Arthropod-borne viruses, viruses associated with bats and emerging viral diseases are the major topics of his studies. He is the scientific member of the Animal-Welfare body of IZSLER.
Name and address of employer	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), via A. Bianchi 9, 25124 Brescia, Italy.
Type of business or sector	Virology Unit, IZSLER.

Date	1 October 2003 – 31 October 2008
Position	Research Fellow
Main activities and responsibilities	Research activities within National Research Projects on the epidemiology and diagnosis of viral diseases of livestock and wildlife species.
Name and address of employer	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), via A. Bianchi 9, 25124 Brescia, Italy.
Type of business or sector	Virology Unit, IZSLER.

Education and training

Date	17 July 2003
Title of qualification awarded	Doctor in Veterinary Medicine
Name and type of organisation	University of Bologna, Faculty of Veterinary Medicine
Level in national or international classification	7

Date	July 2007
Title of qualification awarded	Specialist (PhD equivalent) in Animal health, Farming and Zoo technical Production
Name and type of organisation	University of Bologna, Faculty of Veterinary Medicine
Level in national or international classification	8

Date	December 2019
Title of qualification awarded	II level University Master Degree in Molecular Virology
Name and type of organisation	University "Sapienza" of Rome, Department of Molecular Medicine.
Level in national or international classification	8

Date	February 5th – 7th, 2019
Title of qualification awarded	ASF-STOP Training school - Participatory methods to evaluate and improve the surveillance and control measures for African swine fever in wild boar in affected and at-risk countries
Name and type of organisation	COST – European Cooperation in Science and Technology – FLI, Greifswald Insel Riems, Germany

Date	April 3th – 9th, 2017
Title of qualification awarded	Training Course on Contingency Planning and Transmissible Animal Disease Control - Avian Influenza
Name and type of organisation	BTSF – Better Training for Safer Food initiative – Venice, Italy

Date	November, 22th – 25, 2016
Title of qualification awarded	Training Course on Lumpy Skin Disease
Name and type of organisation	BTSF - Better Training for Safer Food initiative - Sofia, Bulgaria

Date	November 2th – 3th, 2016
Title of qualification awarded	European workshop 'One Health risk analysis structures for emerging zoonoses'
Name and type of organisation	National Institute for Public Health and the Environment, Ministry of Health, Welfare and Sport - Amsterdam the Netherlands

Date	November 9th-13th, 2015 and March 14th-18th, 2016
Title of qualification awarded	Training Course on Wildlife Epidemiology and Disease control

Name and type of organisation	IREC - University of Castilla – La Mancha
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Date	April 8th-11th, 2014
Title of qualification awarded	PREDEMICS training course on zoonotic features of viral infections: from the animal reservoir to pandemic emergence.
Name and type of organisation	National Institute for Infectious Diseases "L. Spallanzani " – Rome

Date	September 13th-16th and November 15th-19th, 2010
Title of qualification awarded	Training course on Foreign Animal Diseases
Name and type of organisation	International Centre for Veterinary Training and Information (CIFIV) F. Gramenzi, Teramo, Italy.

Date	October 15th - November 15th, 2008
Title of qualification awarded	Training on the epidemiology and diagnosis of viral Vector-borne Diseases
Name and type of organisation	Colorado State University (CSU) and Center for Disease Control (CDC), Fort Collins – Colorado (USA).

Personal skills and competences

Mother tongue	Italian			
Other language	English			
Self-assessment	Understanding	Speaking	Writing	
European level (*)	Listening B2	Reading B2	Spoken interaction B2	Spoken production B2

Social skills and competences	Good capacities in listening to, coordinating, negotiating and mediating with other people with different interests, acquired by working and academic experiences. Ability in public speaking, in scientific reporting and in congress communication due to the research and work experiences. Member of the following Scientific Association: European Society for Veterinary Virology (ESVV), World Association of Veterinary Laboratory Diagnosticians (WAVLD), Italian Society of Laboratory Veterinary Diagnostics (SIDiLV), European Research Group EPIZONE (ERG), Italian Society of Veterinary Virology (VIRVET), Italian Society of Virology (SIV), Italian Society of Fauna Ecopathology (SIEF).
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Organisational skills and competences	Ability to organize and manage workgroups and offices, capacity of forming and coordinating working groups, of writing scientific projects and finding funds. Principal investigator / Project Leader of the following national projects: <ul style="list-style-type: none"> - An epizootiological survey of bats as reservoirs of emerging zoonotic viruses in Italy: implications for public health and biological conservation. Bando Ricerca Finalizzata and Young Researcher (under 40 years) 2011-2012. GR-2011-02350591. - Production and characterization of monoclonal antibodies anti-avian immunoglobulin and their application in serological monitoring plans. Progetto di Ricerca Corrente, PRC 2013018
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	<ul style="list-style-type: none"> - Tick-borne Encephalitis (TBE): development of a diagnostic test for the detection of specific antibodies in serum samples of wild and domestic ruminants. Progetto di Ricerca Corrente, PRC 2009005. - Study on: encephalitis, respiratory and reproductive syndrome of viral origin in horse. Progetto ACME 2016. - Epidemiology and differential diagnosis of bovine viral skin diseases (BHV-2, Pseudo-lumpy skin and Bovine mamillitis; BPV, Bovine papillomatosis; VACV, Cowpoxvirus; PCPV, Pseudocowpox virus; BPSV, Bovine popular stomatitis virus): development of Serological and virological diagnostic methods. Progetto di Ricerca Corrente, PRC2017005. - Set up of a sampling protocol for Anopheles spp. mosquitos and check of their potential role as vector of emergent pathogens. Progetto di Ricerca Corrente, PRC2018012. <p>Partecipation as Leader of Operative Units of National Projects and coadjutor within European Research projects:</p> <ul style="list-style-type: none"> - Chemical and virological characterization of insects used in animal nutrition. Progetto di Ricerca Corrente, PRC20190105. - Description of mosquito species of the Maculipennis complex trough biomolecular, and morphometric approaches. Progetto di Ricerca Corrente, PRC2015017. - Bats and emerging infectious diseases: preliminary surveillance for the protection of animal and human health. Progetto di Ricerca Corrente, PRC2013103. - Testing and evaluation of monitoring techniques of some species of arthropod vectors of sanitary interest with the purposes of their mapping. Progetto di Ricerca Corrente, PRC2008005. - EuroWestNile, European Union Research Project supported by the Seventh Framework Programme on Research, FP7-HEALTH-2010-single-stage. - ERA-Net EMIDA Orbinet "Combating orbivirus infection of Livestock: understanding of the molecular basis for the protein function/virus phenotype, molecular epidemiology and improving diagnostic assay. - Isolation and stabilization of mosquito and sand fly primary cell cultures to be used in alternative in vitro tests on viruses from insect vectors. Progetto di Ricerca Corrente - PRC 2016003. - Isolation of phlebovirus from sand flies and evaluation of their diffusion in humans and domestic animals. Progetto di Ricerca Corrente, PRC2015017. - Controlling zoonotic virus contamination of pork products through defining virus ecology in agricultural and farming environment. Ricerca Finalizzata 2016. RF-2016-02361926.
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Technical skills and competences	<ul style="list-style-type: none"> - Expertise on emerging viral disease of livestock and wildlife species and arthropod-borne viruses. - Development and validation of diagnostic ELISAs and molecular assays. - Diagnosis of viral infection by virus isolation using culture cells and chicken embrionated eggs. - Rapid diagnosis of viral infection by means of immunoenzymatic and molecular methods.
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Computer skills and competences	Good knowledge of Windows Operating Systems and of the following softwares: Word, Word, Excel, Power Point, Document Management System, Outlook, Internet
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Driving license	Type AB
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Annexes	<u>Publications</u> Author of > 200 scientific papers published in national and international journals and conference proceedings (see annex I).
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Brescia, 27/02/2020
 Davide Lelli

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ANNEX I

References of papers published on international journal – Davide Lelli

Tot. publications: n° 59

h-index: 17

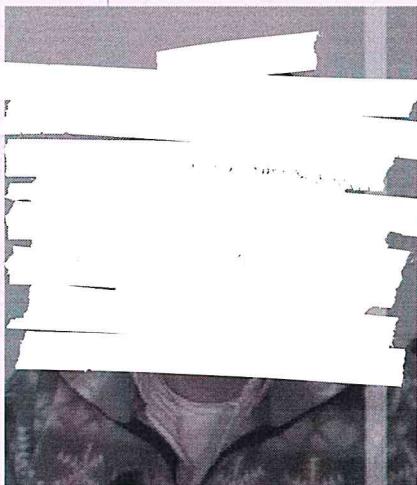
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5. Sozzi E, Luppi A, Lelli D, Martin AM, Canelli E, Brocchi E, Lavazza A, Cordioli P. 2010. Comparison of enzyme-linked immunosorbent assay and RT-PCR for the detection of porcine epidemic diarrhoea virus. *Res Vet Sci*, 88(1):166-8.
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9. Calzolari M, Bonilauri P, Bellini R, Albieri A, Defilippo F, Maioli G, Galletti G, Gelati A, Barbieri I, Tamba M, Lelli D, Carra E, Cordioli P, Angelini P, Dottori M. 2010. Evidence of Simultaneous Circulation of West Nile and Usutu Viruses in Mosquitoes Sampled in Emilia-Romagna Region (Italy) in 2009. *PLoS One*, 5(12):14324.
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◆ **Struttura di Servizio**

Laurea in Medicina Veterinaria presso l'università Statale di Milano, 1992

◆ **Istruzione e Formazione**

Diploma del "Corso di perfezionamento in Zooprofilassi" presso la Fondazione Iniziative Zooprofilattiche e Zootecniche di Brescia (1993)

Diploma di specialità in tecnologia e patologia avi-cunicola presso l'università Statale di Milano, 1996

◆ **Esperienze lavorative**

Borsa di studio presso la Sezione Diagnostica di Varese dell'IZSLER (settembre 1993-febbraio 1994)

Borse di studio e contratto di collaborazione presso il dipartimento di Virologia dell'IZSLER (febbraio 1994-settembre 1997)

Veterinario Dirigente presso il Reparto Virologia dell'IZSLER
(Ottobre 1997-Giugno 2004)

Veterinario Dirigente presso la Sezione Diagnostica di Binago
dell'IZSLER (dal Luglio 2004)

Assicuratore Qualità presso il Reparto Virologia dell'IZSLER
(settembre 1999-Maggio 2011)

Assicuratore Qualità presso la Sezione Diagnostica di Binago
dell'IZSLER (dall'Ottobre 2012)

◆ **Altri impegni professionali**

Membro del Consiglio Direttivo dell'Ordine dei Medici
veterinary delle Province di Como e Lecco (dicembre 2006-
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◆ **Pubblicazioni scientifiche**

Autore di oltre quaranta pubblicazioni scientifiche su riviste
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Binago, 20/3/2020

“Autorizzo il trattamento dei dati personali ai sensi del D. lgs. 196/03”

Giovanni Sala