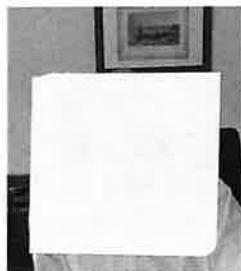


PERSONAL INFORMATION

Michele Dottori



📍 Istituto Zooprofilattico della Lombardia e dell'Emilia Romagna
Sede Territoriale di Reggio Emilia
Via Pitagora, 2
42124 Reggio nell'Emilia (RE)

☎ 0522 921733 📠 3204225999

✉ [Italy](#)



Sex: Male | Date of birth: 20/03/1960 | Nationality: Italian

Enterprise	University	EPR
☒ Management Level	☐ Full professor	☒ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☐ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

1988-2001 Veterinary diagnostician, 2001 up to now Technical manager, 2005 up to now Manager of the Entomological Laboratory, 2008 up to 2017 coordinator of IZSLER activities in Emilia-Romagna Region

2001-2022

Manager of the laboratory (Izsler of Reggio Emilia) from 2001 up to now

www.izsler.it

Management of laboratory (personnel, analytical results, equipment, research activities etc.)
Microbiology, Serology and Prophylaxis of infectious diseases of wild and domesticated animals, Parasitology, Entomology, Arthropod Born Diseases, Pest Management and Disinfestation, Good Animal Practice, Monitoring Swine Diseases at Slaughter. Support and organization of national and regional plans for monitoring Vector Born Diseases and their prevention

EDUCATION AND TRAINING

1981-1987

Degree Veterinary Medicine
University of Bologna
5 years

1991-1993

Specialization in Avian Pathology
University of Milan
3 years

1988

Specialization in laboratory practice
Scientific Research School of IZSLER Brescia
1 year full immersion

WORK ACTIVITIES

1988 up to now
Veterinary diagnostician
IZSLER
Microbiology, Serology and Prophylaxis of infectious diseases of domesticated animals

1998 up to now
Veterinary diagnostician
IZSLER
Swine pathology inspection at slaughter for scoring, diagnostic purpose and improvement of animal health and yield

2005 up to now
Veterinary entomologist
IZSLER
Arthropod born disease: BT, Leishmaniosis, Chikungunya, WNV, Usutu, Toscana et al.

Awards Member of Board of Italian Society of Tropical Medicine (SIMET) 2013-2022

Editorial activity

Invited presentations Royal Society Of Tropical Medicine And Hygiene: lecture on Italian plan for West Nile and Usutu infections/diseases management (2014)

Grants

Sviluppo di nuove procedure diagnostiche rapide ed efficaci per la sorveglianza delle arbovirosi endemiche e a rischio di introduzione (22/12/2020-21/12/2022) Ricerca Corrente;
Isolamento di phlebovirus da flebotomi e valutazione sierologica della loro diffusione nell'uomo e negli animali domestici. (15/12/2017-14/05/2021) Ricerca Corrente;
Studio delle Zecche ed efficacia di prodotti acaricidi in cani, cavalli ed animali selvatici in Emilia Romagna (01/12/2017-31/10/2021) Ricerca Corrente;
Identificazione delle specie di zanzare del Complesso Maculipennis attraverso approcci biomolecolari e morfometrici (01/11/2016-31/10/2018) Ricerca Corrente;
Indagini sui meccanismi di overwintering del virus West Nile (WNV) sul territorio della Regione Emilia Romagna (01/12/2010-30/11/2011) Ricerca Corrente;
Aedes albopictus in northern Italy: molecular markers and mathematical models to predict its potential future spread and the impact of control strategies (01/12/2012 - 30/11/2015) Ricerca Finalizzata.

Patents

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English level 11
Job-related skills	
Digital skills	Sufficient knowledge of Microsoft Windows, Office software and internet surfing
Other skills	Lyric singing

ADDITIONAL INFORMATION

Statement of Research Interests Mainly vector born diseases and entomology, but also infectious diseases of wild life, synanthropic pests, domesticated animals, especially in an one health approach, taking count of environment, climate changes and globalization

Publications

total number of publications in peer-review journals: 61
total number of citations: 2922
H index (Scopus): 26

Rezza G, Nicoletti L, Angelini R, Romi R, Finarelli AC, Panning M, Cordioli P, Fortuna C, Boros S, Magurano F, Silvi G, Angelini P, Dottori M, Ciufolini MG, Majori GC, Cassone A; CHIKV study group. Infection with chikungunya virus in Italy: an outbreak in a temperate region. *Lancet*. 2007 Dec 1;370(9602):1840-6. doi: 10.1016/S0140-6736(07)61779-6.

Description of the outbreak of chikungunya reported in 2007 in Emilia-Romagna, transmitted by *Ae. albopictus*, in Europe

Calzolari M, Romeo G, Bergamini F, Dottori M, Rugna G, Carra E. Host preference and *Leishmania infantum* natural infection of the sand fly *Phlebotomus perfiliewi* in northern Italy. *Acta Trop*. 2022 Feb; 226:106246. doi: 10.1016/j.actatropica.2021.106246.

In this work the analyses of blood meals of sand flies in a focus of human leishmaniasis consent to characterize the preference of sand flies, finding unexpectedly roe deer as more bitten animal.

Calzolari M, Romeo G, Callegari E, Bonilauri P, Chiapponi C, Carra E, Rugna G, Taddei R, Lelli D, Dottori M. Co-Circulation of Phleboviruses and *Leishmania* Parasites in Sand Flies from a Single Site in Italy Monitored between 2017 and 2020. *Viruses*. 2021 Aug 21;13(8):1660. doi: 10.3390/v13081660.

Detections, with biomolecular analysis, of several pathogens co-circulating in a single site in sand flies and isolation of Fermo virus.

Calzolari M, Desiato R, Albieri A, Bellavia V, Bertola M, Bonilauri P, Callegari E, Canziani S, Lelli D, Mosca A, Mulatti P, Peletto S, Ravagnan S, Roberto P, Torri D, Pombi M, Di Luca M, Montarsi F. Mosquitoes of the *Maculipennis* complex in Northern Italy. *Sci Rep*. 2021 Mar 19;11(1):6421. doi: 10.1038/s41598-021-85442-9.

Work achieved by the collaboration of three IZSS describing the species of *Anopheles* mosquitoes of the *Maculipennis* complex (potential Malaria vector) present in northern Italy.M

Calzolari M, Angelini P, Bolzoni L, Bonilauri P, Cagarelli R, Canziani S, Cereda D, Cerioli MP, Chiari M, Galletti G, Moirano G, Tamba M, Torri D, Trogu T, Albieri A, Bellini R, Lelli D. Enhanced West Nile Virus Circulation in the Emilia-Romagna and Lombardy Regions (Northern Italy) in 2018 Detected by Entomological Surveillance. *Front Vet Sci*. 2020 May 5;7:243. doi: 10.3389/fvets.2020.00243. eCollection 2020.

Description of data obtained by IZSLER in the frame of WNV surveillance, with reference of abundance of mosquitoes and human cases.

Calzolari M, Carra E, Rugna G, Bonilauri P, Bergamini F, Bellini R, Varani S, Dottori M. Isolation and Molecular Typing of *Leishmania infantum* from *Phlebotomus perfiliewi* in a Re-Emerging Focus of Leishmaniasis, Northeastern Italy. *Microorganisms*. 2019 Dec 3;7(12):644. doi: 10.3390/microorganisms7120644.

Isolation and molecular typing of a strain of *Leishmania* by dissection of sand flies, with the finding of a close relation with parasite from human cases

Calzolari M, Chiapponi C, Bellini R, Bonilauri P, Lelli D, Moreno A, Barbieri I, Pongolini S, Lavazza A, Dottori M. Isolation of three novel reassortant phleboviruses, Ponticelli I, II, III, and of Toscana virus from field-collected sand flies in Italy. *Parasit Vectors*. 2018 Feb 6;11(1):84. doi: 10.1186/s13071-018-2668-0.

Isolation and characterization of three new phleboviruses, differing by the M segments, from sand flies.

Calzolari M, Chiapponi C, Bonilauri P, Lelli D, Baioni L, Barbieri I, Lavazza A, Pongolini S, Dottori M, Moreno A. Co-circulation of two Usutu virus strains in Northern Italy between 2009 and 2014. *Infect Genet Evol*. 2017 Jul;51:255-262. doi: 10.1016/j.meegid.2017.03.022.

Phylogeny and phylogeography of the Usutu virus circulating in Northern Italy with new genomes of isolates by IZSLER

Calzolari M, Pautasso A, Montarsi F, Albieri A, Bellini R, Bonilauri P, Defilippo F, Lelli D, Moreno A, Chiari M, Tamba M, Zanoni M, Varisco G, Bertolini S, Modesto P, Radaelli MC, Iulini B, Prearo M, Ravagnan S, Cazzin S, Mulatti P, Monne I, Bonfanti L, Marangon S, Goffredo M, Savini G, Martini S, Mosca A, Farioli M, Gemma Brenzoni L, Palei M, Russo F, Natalini S, Angelini P, Casalone C, Dottori M, Capelli G. West Nile Virus Surveillance in 2013 via Mosquito Screening in Northern Italy and the Influence of Weather on Virus Circulation. *PLoS One*. 2015 Oct 21;10(10):e0140915. doi: 10.1371/journal.pone.0140915.

Work achieved by the collaboration of three IZSS describing the WNV circulation in Northern Italy in 2013

Bonilauri P, Bellini R, Calzolari M, Angelini R, Venturi L, Fallacara F, Cordioli P, Angelini P, Venturelli C, Merialdi G, Dottori M. Chikungunya virus in *Aedes albopictus*, Italy. *Emerg Infect Dis*. 2008 May;14(5):852-4. doi: 10.3201/eid1405.071144.

Results of activity of our lab in the surveillance of chikungunya epidemics in Emilia-Romagna in 2007, first report of this exotic virus in Europe

Firmato
Ruolo:  DOTTORI
Organiz 
Data: 01/07/20

