

## CURRICULUM VITAE

**INFORMAZIONI PERSONALI****Nome****DOMENICO OTRANTO****Indirizzo di lavoro**DIPARTIMENTO DI MEDICINA VETERINARIA  
STRADA PROVINCIALE PER CASAMASSIMA KM3  
70010 VALENZANO (BARI)  
ITALY**Telefono/Fax**

+39 - 080 4679039/37

**E-mail**

domenico.otranto@uniba.it

**Website**[www.bariparasitology.it](http://www.bariparasitology.it)**Nazionalità**

Italiana

**Data di nascita**

XXXXX

**ESPERIENZA LAVORATIVA**

- *Date (da – a)*
- *Nome e indirizzo del datore di lavoro*
- *Tipo di azienda o settore*
- *Tipo di impiego*

Dal Novembre 2015 ad oggi  
Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.

Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.  
Direttore di Dipartimento presso il Dipartimento di Medicina Veterinaria, Str. pr. per Casamassima Km 3, 70010 Valenzano (BA)

- *Date (da – a)*
- *Nome e indirizzo del datore di lavoro*
- *Tipo di azienda o settore*
- *Tipo di impiego*

Dal 2006 ad oggi  
Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.

Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.  
Professore ordinario SSD VET/06 - 07/H3 (Parassitologia e Malattie Parassitarie) presso il Dipartimento di Medicina Veterinaria, Str. pr. per Casamassima Km 3, 70010 Valenzano (BA)  
Ricerca ed insegnamento

- *Date (da – a)*
- *Nome e indirizzo del datore di lavoro*
- *Tipo di azienda o settore*
- *Tipo di impiego*
- *Principali mansioni e responsabilità*

Dal 2001 al 2006  
Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.

Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.  
Professore associato SSD VET/06 (Parassitologia e Malattie Parassitarie) presso il Dipartimento di Medicina Veterinaria, Str. pr. per Casamassima Km 3, 70010 Valenzano (BA)  
Ricerca ed insegnamento

- *Date (da – a)*
- *Nome e indirizzo del datore di lavoro*
- *Tipo di azienda o settore*
- *Tipo di impiego*

Dal 1998 al 2001  
Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.

Università degli Studi di Bari, Palazzo Ateneo, Corso Umberto I n.1, 70100, Bari.  
Ricercatore Universitario presso il Dipartimento di Medicina Veterinaria, Str. pr. per Casamassima Km 3, 70010 Valenzano (BA)

**ISTRUZIONE E FORMAZIONE**

- *Data* 2004
- *Nome e tipo di istituto di istruzione o formazione* European Veterinary Parasitology College (Dipl.EVPC)
- *Qualifica conseguita* Diploma
- *Data* 1999
- *Nome e tipo di istituto di istruzione o formazione* Facolta di Medicina Veterinaria, Università degli Studi di Bari
- *Qualifica conseguita* Dottore di ricerca
- *Data* 1996
- *Nome e tipo di istituto di istruzione o formazione* Facolta di Medicina Veterinaria, Università degli Studi di Bari
- *Qualifica conseguita* Laurea in Medicina Veterinaria

### **INCARICHI ISTITUZIONALI**

- Direttore del Dipartimento di Medicina Veterinaria, Università degli Studi di Bari (2015-2018 e 2018-2022) (<https://www.uniba.it/ricerca/dipartimenti/dipmedveterinaria>)
- Presidente del WAAVP (World Association for Advancement of Veterinary Parasitology 2019-2023)
- Senatore Accademico Università degli Studi di Bari (2018-2022)
- Componente delle Commissioni di Senato:  
Commissione didattica;  
Commissione per l'internazionalizzazione;
- Componenete del Collegio dei Direttori di Dipartimento dell'Università degli Studi di Bari
- Responsabile del laboratorio di Parassitologia presso il Dipartimento di Medicina Veterinaria, Università degli Studi di Bari
- Componente del Collegio dei Docenti della Scuola di Specializzazione in "Malattie Infettive, Profilassi e Polizia Veterinaria", Università degli Studi di Bari
- Componente del Collegio dei Docenti del Corso di Dottorato di Ricerca in "Patologia e Sanità Animale" (XXII - XXV ciclo) e della Scuola di Dottorato di Ricerca in "Sanità animale e Zoonosi", Università degli Studi di Bari
- Responsabile del progetto Erasmus in collaborazione con la Facoltà di Medicina Veterinaria di Cluj Napoca (Romania) (2001-2010)
- Responsabile per l'Università di Bari degli Accordi internazionali di cooperazione con le Università: Universidad Federal rural de Pernambuco (Brasile) – Recife; Shahid Banohar University of Kerman (Iran).
- Componente della commissione per la Ricerca presso il Dipartimento di Medicina Veterinaria, Università degli Studi di Bari (2013-2017)
- Componente scientifico della commissione per la valutazione del Benessere Animale (OPBA), Università degli Studi di Bari (2015-)
- Vice Presidente dell'European Veterinary Parasitology college (2013-2015)
- Presidente dell'European Veterinary Parasitology college (2015-2018)

- Member of the Executive Committee WAAVP (World Association for Advancement of Veterinary Parasitology 2015-2025)

## **CAPACITÀ E COMPETENZE**

### **PERSONALI**

*Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.*

PRIMA LINGUA

**Italiano**

ALTRE LINGUE

Inglese

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

Ottima

Ottima

Ottima

### **CAPACITÀ E COMPETENZE TECNICHE**

*Con computer, attrezzature specifiche, macchinari, ecc.*

CONOSCENZA DI BASE DEI PROGRAMMI: WORD, EXCEL, OUTLOOK, OUTLOOK EXPRESS

### **CAPACITÀ E COMPETENZE ORGANIZZATIVE**

*Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.*

## **ATTIVITA' DI COORDINAMENTO DI PROGETTI DI RICERCA**

### **Partecipazione a progetti di ricerca finanziati da Enti Nazionali**

#### **1997/98**

Finanziamento del Ministero dell'Istruzione dell'Università e della Ricerca

Responsabile Scientifico: Otranto D.

Titolo del progetto: Emerging parasitic diseases with an important economic impact.

#### **1998/99**

Finanziamento del Ministero dell'Istruzione dell'Università e della Ricerca

Responsabile Scientifico: Otranto D.

Titolo del progetto: Immune-diagnosis of goat warble fly infestation by using milk samples.

#### **1998/99**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Molecular approaches to the study of *Thelazia* spp.

#### **2000/01**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Biomolecular characterization of *Otodectes* spp. (Acarinae, Psoroptidae) mites and *in vitro* evaluation of the efficacy of molecules extracted from plants.

#### **2001/02**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Characterization of mitochondrial gene cytochrome oxidase (COI) for the molecular identification of larvae of *Hypoderma* genus.

**2002/03**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Isolation, biochemical and molecular characterization of *Malassezia* spp. yeasts: new insights into the taxonomy, epidemiology and pathogenesis.

**2003/04**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Role of *Musca domestica* (Diptera Muscidae) as vector of *Microsporium canis*.

**2004/05**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Relationship between *Malassezia* spp. yeasts and cutaneous lesions in leishmaniasis infected dogs.

**2005/06**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Risk factors and control strategies of canine and human thelaziosis.

**2010/11**

Finanziamento della Cassa di Risparmio di Puglia

Responsabile Scientifico: Otranto D.

Titolo del progetto: Ruolo delle zecche del cane nella trasmissione di patogeni di rilevanza zoonosica (Role of canine ticks in the transmission of zoonotic pathogens).

**2010/11**

Finanziamento dell'Università degli Studi di Bari

Responsabile Scientifico: Otranto D.

Titolo del progetto: Caratterizzazione molecolare e analisi filogenetica delle specie di flebotomi presenti nel sud Italia. (Molecular characterisation and phylogenetic analysis of phlebotomine sand flies in Southern Italy).

**2012/14**

Finanziamento del Ministero dell'Istruzione dell'Università e della Ricerca - (Distretto Agri-food)

Responsabile Scientifico: Otranto D.

Titolo del progetto: "S.I.M.I.S.A.-OR7- Strumenti di controllo innovativi per la determinazione di metalli pesanti e microrganismi patogeni in prodotti freschi (Innovative tools for detection of heavy metals and microbial contaminants in fresh products).

**2013-2016**

Finanziamento del Ministero dell'Istruzione dell'Università e della Ricerca

Responsabile Scientifico: Otranto D.

Titolo del progetto: "Inibizione delle pompe di efflusso multidrug-resistance come nuova strategia per il controllo delle zecche e delle malattie da loro trasmesse" (Inhibition of ATP-Binding cassette transporters for the control of ticks and ticks borne diseases) (PRIN 2010-2011).

**Partecipazione a progetti di ricerca finanziati da Enti Europei****2001/03**

Member of the EU INCO PROJECT n. ICA4 2000-30036 "Hypodermosis Control" in partnership with Francoise and Chinese research teams.

**2002/04**

Scientific and technological co-operation program between Ministry of Foreign Affairs of Italy in collaboration with the Faculty of Veterinary Medicine of Tirana, Albania.

Responsabile Scientifico: Otranto D.

Titolo del progetto: Monitoring of the incidence of endoparasites of ruminants in Albania" (N°AG13).

**2002/05**

Scientific and technological co-operation programme between Italian–Chinese Foreign Affair Ministries

Responsabile Scientifico Italiano: Otranto D.

Titolo del progetto: *Thelazia callipaeda* (Spirurida, Thelaziidae) causing an ocular zoonosis in humans. Biology, epidemiology and sanitary importance (Med and Health 6.28).

**2003/04**

Scientific and technological co-operation programme between Italian – Belgium Foreign Affair Ministries

Responsabile Scientifico Italiano: Otranto D.

Titolo del progetto: Monitoring of the incidence of *Neospora caninum* caused abortions in cattle in Italy and Belgium.

**2005/07**

Scientific and technological co-operation programme between Ministry of Foreign Affairs of Italy in collaboration with the Faculty of Veterinary Medicine of Tirana, Albania.

Responsabile Scientifico Italiano: Otranto D.

Titolo del progetto: Monitoring of the incidence of TBDs in ruminants Albania (N°A7).

**2011/13**

Responsible for the Italy of the "Companion Animals Multisectorial Interprofessional Interdisciplinary Strategic Think Tank On Zoonoses" (CALLISTO), funded by the European Commission (Food, Agriculture and Fisheries, and Biotechnology Call: FP7-KBBE-2011-5), coordinator: prof. Jan Vaarten, Executive Director of the Federation of Veterinarians of Europe (FVE).

**2013/17**

COST Action n. TD1303: EURNEGVEC (EUROPEAN NETWORK FOR NEGLECTED VECTORS AND VECTOR-BORNE INFECTIONS), responsible Dr. Andrei Mihalca. Otranto D., Italian responsible and Publication Coordinator for this Action.

**Partecipazione a progetti di ricerca finanziati Enti Privati****2004**

Bayer Animal HealthCare (Italia)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Efficacy of a combination of imidacloprid 10% - permethrin 50% against ticks in naturally infected dogs.

**2005**

Bayer Animal HealthCare (Germania)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Evaluation of the repellent efficacy of imidacloprid 10% (w/v)/permethrin 50% (w/v) spot-on (Advantix) against phlebotominae sand flies in dogs living in an leishmaniosis endemic area of Southern Italy.

**2006**

Bayer Animal HealthCare (Germania)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Evaluation of the efficacy of imidacloprid 10% (w/v)/permethrin 50% (w/v) spot-on (Advantix) to prevent tick borne diseases in dogs living under natural conditions.

Bayer Animal HealthCare (Germania)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Evaluation of the safety of imidacloprid/flumethrin spot-on in naturally tick and flea exposed dogs in a clinical field trial (clinical trial).

Merial GmbH (Germania)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Effectiveness of a single subcutaneous injection of ivermectin 3.15% (w/v) long-acting injection formulation against natural infestations of *Hypoderma* spp. in cattle.

#### 2008

Bayer Animal HealthCare (Italia)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Clinical field study to evaluate the efficacy of imidacloprid 10% (w/v)/permethrin 50% (w/v) spot-on (Advantix) to protect young dogs from canine vector-borne diseases (CVBDS) in an endemic area.

#### 2008/10

Bayer Animal Health

Responsabile Scientifico: Otranto D.

Titolo del progetto: Morphological and molecular characterization of *Rhipicephalus sanguineus* group ticks from different countries.

#### 2010/12

Bayer Animal HealthCare (Italy)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Validazione di kit immunocromatografici (r K39 Leishmania rapid kit) per la diagnosi della leishmaniosi canina (Diasys. UK. fornitura kits diagnostici; Partecipazione congresso SOIPA, 2004) (Validation of an immunoenzymatic assay (r K39 Leishmania rapid kit) for the diagnosis of canine leishmaniasis).

Bayer Animal HealthCare (Italia)

Responsabile Scientifico: Otranto D.

Titolo del progetto: Clinical field study to evaluate the efficacy of a collar containing imidacloprid 10% /flumethrin 4.5% to protect young dogs from canine vector-borne diseases (CVBDS) in an endemic area.

Pfizer

Responsabile Scientifico: Otranto D.

Titolo del progetto: Anthelmintic resistance survey in Europe: cattle gastrointestinal nematodes (GINs).

#### 2010-2013

AMIU

Responsabile Scientifico: Otranto D.

Titolo del progetto: Monitoraggio *Aedes albopictus* nel comune di Bari (Monitoring *Aedes albopictus* in the Town of Bari).

#### 2011-2013

Merial

Responsabile Scientifico: Otranto D.

Titolo del progetto: Epidemiological study to estimate the multiparasitism of cat in Europe and in the USA.

Bayer Health Care

Responsabile Scientifico: Otranto D.

Titolo del progetto: New insights on the biology of *Hepatozoon canis* in ticks and infected dogs.

#### 2012-2014

Bayer Health Care

Responsabile Scientifico: Otranto D.

Titolo del progetto: PanMed Leish Con-Pan mediterranean Seresto® leishmaniasis control.

#### 2013-2014

Novartis Animal Health Inc

Responsabile Scientifico: Otranto D.

Titolo del progetto: Parasite prevalence study in pet animals

Arcoblù srl

Responsabile Scientifico: Otranto D.  
 Titolo del progetto: *Leishmania infantum* in dogs

#### 2014-2016

Bayer Animal Health  
 Responsabile Scientifico: Otranto D.  
 Titolo del progetto: Evaluation of the efficacy of Seresto collar for the prevention of Feline Vector-borne Diseases (FVBD) in naturally exposed cats in endemic areas.

#### 2015-2017

Boehringer Ingelheim  
 Responsabile Scientifico: Otranto D.  
 Titolo del progetto: Multicenter study on feline lungworms.

#### Progetti non finanziati

##### 2012-2014

- 1 - New insights on the biology of *Hepatozoon canis* in ticks and infected dogs.
- 2 - Trans placental transmission of *Leishmania infantum* and *Anaplasma platys*, *Babesia canis* in dogs.
- 3 - Molecular characterization of midgut LPG receptor of *Phlebotomus* spp.
- 5 - Study of genetic variability in *Dirofilaria* spp.
- 6 - Comparative treatment on *Hepatozoon canis*: a field experience.
- 7 - Diversity of phlebotomine sand flies in different environments in southern Italy.
- 8 - Molecular detection of *Leishmania infantum* in phlebotomine sand flies.
- 9 - Seasonality of *Hepatozoon canis* in ticks from the environment.
- 10 - *Cercopithifilaria rugosicauda* in the European roe deer and *Ixodes ricinus* from Italy.
- 11 - Survival of first stage larvae of the cat lungworm *Troglostrongylus brevior* (Strongylida: Crenosomatidae) under laboratory conditions.

#### Altri progetti

- Studio sul vettore di *Thelazia callipaeda* (Spirurida, Thelaziidae) causa di infestazione oculare nell'uomo e nei carnivori (Bayer S.p.A. Italia-Germania). **Study of the vector of *Thelazia callipaeda* (Spirurida, Thelaziidae) as responsible of ocular infestation in man and carnivores.**
- Studio in campo clinico per la valutazione dell'effetto terapeutico della milbemicina ossima (Milbemax) contro *Thelazia callipaeda* in cani e gatti infestati naturalmente (Novartis Animal Health). **Clinical field study to evaluate the efficacy of milbemycin oxime (Milbemax) against *Thelazia callipaeda* in dogs and cats.**

#### ATTIVITÀ DIDATTICA

##### DOCENZE PRESSO IL CORSO DI LAUREA SPECIALISTICA IN MEDICINA VETERINARIA

Anni accademici 2001-02, 2002-03, 2003-04

-“Micologia Veterinaria” presso il Corso di Laurea Specialistica a Ciclo Unico in Medicina Veterinaria (47/S), Università degli Studi di Bari (CFU 2, 30h)

A.A. 2004-05

-“Malattie parassitarie degli animali domestici” presso il Corso di Laurea Specialistica a Ciclo Unico in Medicina Veterinaria (47/S), Università degli Studi di Bari (CFU 3+1T, 45+25h)

A.A. 2005-06, 2006-07, 2007-08, 2008-09, 2009-10

-“Malattie parassitarie degli animali domestici” presso il Corso di Laurea Specialistica a Ciclo Unico in Medicina Veterinaria (47/S), Università degli Studi di Bari (CFU 3, 45h)

-“Parassitologia Veterinaria” presso il Corso di Laurea Specialistica a Ciclo Unico in Medicina Veterinaria (47/S), Università degli Studi di Bari (CFU 3, 45h)

A.A. 2010-11

-“Malattie parassitarie degli animali domestici” presso il Corso di Laurea Specialistica a Ciclo Unico in Medicina Veterinaria (47/S), Università degli Studi di Bari (CFU 3, 45h)

-“Parassitologia Veterinaria” presso il Corso di Laurea Specialistica a Ciclo Unico in Medicina Veterinaria (47/S), Università degli Studi di Bari (CFU 3, 45h)

-“Malattie parassitarie” presso il Corso di Laurea Magistrale in Medicina Veterinaria (LM42), Università degli Studi di Bari (CFU 3, 39h)

-“Parassitologia Veterinaria” il Corso di Laurea Magistrale in Medicina Veterinaria (LM42), Università degli Studi di Bari (CFU 3, 39h)

A.A. 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17,

-“Parassitologia Veterinaria” presso il Corso di Laurea Magistrale in Medicina Veterinaria (LM42), Università degli Studi di Bari (CFU 3, 39h)

-“Malattie Parassitarie” presso il Corso di Laurea Magistrale in Medicina Veterinaria (LM42), Università degli Studi di Bari (CFU 3, 39h)

#### **DOCENZE PRESSO IL CORSO DI LAUREA MAGISTRALE IN MEDICINA E CHIRURGIA**

A.A. 2015-16, 2017-18

- “Parassitologia” presso il Corso di Laurea Magistrale in Medicina e Chirurgia (NOD bis) Corso A-K, Università degli Studi di Bari (CFU 2, 24h)

#### **ATTIVITA' DIDATTICA PRESSO SCUOLE DI SPECIALIZZAZIONE, MASTER E CORSI DI PERFEZIONAMENTO UNIVERSITARI**

A.A. 2014-15, 2015-16

- “Parassitologia” presso la Scuola di Specializzazione, Area Sanitaria (Tronco comune: Anatomia Patologica, Biochimica Clinica, Patologia Clinica, Microbiologia e Virologia), Scuola di Medicina e Chirurgia, Università degli Studi di Bari (24h)

#### **Attività gestionale per la didattica ed attività didattica nella formazione post-laurea**

i) Nell'ambito del Corso di Dottorato in Sanità Animale e Zoonosi, Università degli Studi di Bari, ha svolto attività didattica agli studenti del corso, in qualità di membro del collegio e tutor designato di studenti di dottorato.

ii) Relatore e correlatore di numerose tesi per studenti laureandi nei diversi corsi di laurea e dottorandi della Facoltà/Dipartimento di Medicina Veterinaria e per studenti della Scuola di Specializzazione; referee per la tesi di studenti PhD presso università estere; tutor per studenti visitatori (master class, PhD) e/o ricercatori di nazionalità italiana ed estera.

In particolare, relatore di tesi di Dottorato per:

- Dr. Mario Santoro (1999-2002, Bari) “Nuove acquisizioni sulle miasi di più frequente riscontro nei ruminanti di interesse zootecnico”, (New insights on myiasis most frequently diagnosed in livestock) 2002.

- Dr. Donato Traversa (1999-2002 Bari ) “Molecular identification of *Thelazia gulosa*, *Thelazia rhodesi*, *Thelazia skrjabini*, *Thelazia lacrymalis*, *Habronema microstoma* and *Habronema muscae* (Nematoda, Spirurida) by studying genetic markers in ribosomal ITS sequences” 2002.

- Dr. Andi Llazari (1999-2002, Bari) “Indagine sieroepidemiologica sulla neosporosi bovina in Basilicata” (Sero- epidemiological survey on cattle neosporosis in Basilicata region.), 2002.

- Dr. Gabriella Testini (1999-2002, Bari) “Indagine siero-epidemiologica sulla babesiosi (*Babesia bovis* e *Babesia bigemina*) e sull'anaplasmosi (*Anaplasma marginale*) dei bovini nel sud Italia”.



(Sero-epidemiological survey on cattle babesiosis (*Babesia bovis* e *Babesia bigemina*) and anaplasmosis (*Anaplasma marginale*) in southern Italy). 2002.

- Dr. Nunzia Pantone (2000-2003, Bari) "Ruolo degli uccelli selvatici nella trasmissione dei lieviti emergenti". (Role of wild birds in the transmission of emerging yeasts), 2003.

- Dr. Nicola Leone (2000-2003, Bari) "Valutazione di un test immunocromatografico rapido (Leishmaniasis Rapydtest®) per la diagnosi di leishmaniosi canina" (Validation of a rapid immunochromatographic test (Leishmaniasis Rapydtest®) for the diagnosis of canine leishmaniasis), 2003.

- Dr. Diana Romito (2000-2003, Bari) "I lieviti del genere *Malassezia* nel cane: nuove acquisizioni epidemiologiche" (New insights into the epidemiology of *Malassezia* yeasts in dog), 2003.

- Dr. Giuseppe Rubino (2000-2003, Bari) "Studio degli animali da reddito in Puglia. Normalità clinico-laboratoristica ed ematologica in un ambiente condizionato TBD's" (Clinical, laboratory and hematological survey in livestock in an endemic area for tick borne diseases.), 2003.

- Dr. Bruna Guida (2000-2003, Bari) "Differenziazione molecolare di cinque specie appartenenti al genere *Gasterophilus* (Diptera, Oestridae Molecular differentiation of five species of genus *Gasterophilus* (Diptera, Oestridae), 2003.

- Dr. Guglielmo Pampiglione (2001-2004, Bari) "La fecalizzazione ambientale canina nella città di Bari: aspetti sanitari e prospettive di controllo e prevenzione in relazione alle zoonosi elmintiche" (Canine urban fecalization in Bari: sanitary impact, prevention and control strategies of zoonosis by helminths), 2004.

- Dr. Piermarino Milillo (2002-2005, Bari) "Caratterizzazione del profilo proteico delle larve di *Rhinoestrus* spp. (Diptera, Oestridae)" (Study of the protein profile of larvae of *Rhinoestrus* spp. (Diptera, Oestridae)), 2005.

- Dr. Sabrina Gallo (2004-2007, Bari) "Relazione tra le infezioni da lieviti del genere *Malassezia* e infezioni da *leishmania infantum* in cani con e senza lesioni cutanee" (New insights into the epidemiology of *Malassezia* yeasts in dogs with and without lesions cutane), 2007.

- Dr. Maria Stefania Latrofa (2004-2007, Bari) "Caratterizzazione molecolare e patogenicità dei lieviti del genere *Malassezia* isolati da cani con e senza lesioni cutanee". (Molecular characterization and pathogenicity of *Malassezia* yeasts isolated from dogs with and without lesions cutane), 2007.

- Dr. Stefania Weigl (2006-2009 Bari) "Il genoma mitocondriale di *Hypoderma lineatum*". (Molecular characterization of the *cox1* gene of larvae of *Hypoderma* spp. (Diptera, Oestridae)). 2009

- Dr. Viviana Domenica Tarallo (2008-2011 Bari) "Dinamica di popolazione di flebotomi (Diptera: Psychodidae) in un'area endemica per leishmaniosi". (Population dynamics of sandflies (Diptera: Psychodidae) in an endemic area for leishmaniasis). 2011

- Dr. Filipe Dantas Torres (2009-2012 Bari) "Biology and ecology of the brown dog tick, *Rhipicephalus sanguineus*". 2012

- Dr. Giada Annoscia (2011-2014 Bari) "New insights on the biology, morphology and diagnosis of *Cercopithifilaria baina* (Spirurida, Onchocercidae) a little known filarioid of dogs". 2014.

- Dr. Rafael Antonio do Nascimento Ramos (2012-2015 Bari) "*Cercopithifilaria baina* (Spirurida, Onchocercidae): a neglected subcutaneous filarioid of dogs". 2015

- Dr. Alessio Giannelli (2012-2015 Bari) "Studies on the biology of *Troglostrongylus brevior* (Strongylida, Crenosomatidae)". 2015.

- Dr. Vito Colella (2014-2017 Bari) "Neglected zoonotic parasitic infections of dogs and cats: Identifying research needs". 2017.

- Dr. Maria Alfonsa Cavaleri (2015-2018 Bari) "The role of snails in the epidemiology of snail-borne diseases of carnivores". 2018.

iii) Membro di commissione di esame (come estrapolato dal sito dipartimentale, consultazione giugno 2017) in qualità di presidente, effettivo e/o supplente per gli esami di:

Corso di Laurea Magistrale in Medicina Veterinaria (LM 42)  
- "Parassitologia Veterinaria e Malattie Parassitarie" (Presidente)

#### Corsi in esaurimento

Corso di Laurea Specialistica a Ciclo Unico in Medicina Veterinaria (47/S)  
- "Parassitologia e Malattie parassitarie degli Animali Domestici" (Presidente)

iv) Organizzatore e Responsabile didattico/scientifico Corso annuale internazionale "Parasitology Summer Course" (dal 2012 ad oggi).

### **ATTIVITA' DIDATTICA PRESSO CORSI DI AGGIORNAMENTO, GIORNATE DI STUDIO, SEMINARI, CONGRESSI E CONVEGNI**

#### **2001**

18<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP). 23-30 August 2001, Stresa (Italy). Otranto D. "Molecular methods for the study of myiasis causing Diptera: Oestridae".

INCO Meeting, Lanzhou, China October 2001. Otranto D. "Humoral response against *Przhevalskiana silenus*: antibody kinetics in naturally infested goats".

#### **2002**

10<sup>th</sup> International Congress of Parasitology (ICOPA), 4-9 August, 2002, Vancouver, Canada. Otranto D. "Molecular phylogeny and identification of Oestridae".

#### **2003**

19<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology, (WAAVP), 10-14 August, 2003, New Orleans. USA. Otranto D. "Molecular tools for the identification of Oestridae".

#### **2007**

21<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), 2007, Ghent, Belgium (Invited Speaker, Bayer Symposium). Otranto D. "Canine Leishmaniasis and the Prevention using imidacloprid 10% (w/v)/ permethrin 50% (w/v). Field study results".

#### **2008**

Romanian Society of Parasitology, 6-8 November, 2008, Cluj-Napoca.

10<sup>th</sup> European Multi-colloquium of Parasitology EMOP, 24-28 August, 2008, Paris, France. Otranto D. "Biodiversity and extinction vs. control of Oestrid causing myiasis in Mediterranean area".

#### **2009**

22<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), 9-13 August, 2009, Calgary, Canada (Invited Speaker, Bayer Symposium and Symposium "The New Avenues of The Parasitology"). Otranto D. "Managing canine vector-borne diseases of zoonotic concern in the Mediterranean area".

North American Veterinary Conference (NAVC), 2009, Orlando, Florida. USA. Otranto D. "The Prevention of Canine Ehrlichiosis in the Mediterranean Area".

International symposium ectoparasites of pets (ISEP), 4-5 June 2009, Toulouse. Otranto D. "*Thelazia callipaeda* eye-worm as a new emergent parasite infecting dogs and humans in Europe".

**2010**

Congress of the Austrian Society of Tropical Medicine And Parasitology, 18-20 November 2010, Graz, Austria. Plenary lecture at the Opening Ceremony, Otranto D. "Leishmaniasis and other vector-borne diseases".

**2011**

European Veterinary Parasitology College EVPC Meeting, 16 June 2011, Zagreb. Scientific Symposium "Alien in the Eye" organized and moderated by Domenico Otranto. Otranto D. "Helminths Infesting Human Eyes".

7<sup>th</sup> Ticks and Tick-borne pathogens International Conference; 28 August-2 September 2011, Zaragoza, Spain. Otranto D., Dantas Torres F. "*Rhipicephalus sanguineus* and transmitted pathogens to dogs: management and control".

8<sup>th</sup> Merial Symposium on New Challenges for Vets in the control of ticks and tick-borne diseases. 12-14 October 2011, Budapest, Hungary. Otranto D. "What is "tick repellency"?"

The 23<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), 21-25 August 2011, Buenos Aires, Argentine. Otranto D. "Research on Canine Vector-borne diseases: the multidisciplinary approach as resource".

**2012**

Third European Dirofilaria Days. 21-22 June 2012, Parma, Italy. Symposium "Minor species of filarids" Otranto D. "Neglected filarioses".

**2013**

International Scivac Congress 8-10 March 2013, Pisa, Italy. Otranto D. "Canine leishmaniasis and other vector-borne diseases our current state of knowledge".

5<sup>th</sup> WorldLeish Congress 13-17 May 2013, Porto de Galinhas, Brazil. Otranto D. "Update on insecticides for the prevention of Canine leishmaniasis".

24<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP), 25-29 August 2013 Perth, Australia. Otranto D., Dantas-Torres F. "Long-term efficacy of an imidacloprid 10%/flumethrin 4.5% polymer matrix collar (Seresto® Bayer) in dogs and its potential to prevent canine leishmaniasis in a hyper-endemic area". Otranto D., Dantas-Torres F. "*Onchocerca lupi*: a neglected canine vector-borne helminth of zoonotic concern".

10<sup>th</sup> Merial Symposium on Parasitosis and Arthropod- Borne Diseases "Cat and Dog Parasitoides—An innovation driven field Otranto D. "*Cercopithifilaria sp* and *Onchocerca sp*: Two emerging filarioids of domestic carnivores / Domenico Otranto (Italy) Dubai, 11- 15 November 2013

**2014**

Bayer Animal Health round-table meeting: "Vector-borne Diseases in dogs and cats and the role of the Seresto collar" 9 May 2014. Rome, Italy

IFM 2014 International Filariasis Meeting "A tribute to Odile Bain" "New insights on the biology of *Cercopithifilaria* species infecting dogs" 26-27 September 2014, Paris, France.

4<sup>th</sup> Merial Advisory Board Meeting on Parasitology 7-10 October 2014 New Orleans, Louisiana USA

11<sup>th</sup> Merial Symposium On Parasitosis & Arthropod-Borne Diseases on Vector & Diseases control: a constantly changing world Otranto D. "Vector-borne helminths of dogs in Europe : new distribution trends". 21-24 October 2014 Palermo Italy.

**2015**

Vetmadrid 2015 XXXII Annual meeting AMVAC 5 -7 March, IFEMA, Feria de Madrid. Otranto D. "Leishmaniasis diagnosis. What are we doing wrong?"

“Leishmaniosis epidemiological situation and control in Europe”  
 “Public health impact of vector-borne diseases”  
 “Dirofilariasis prophylaxis in Europe”

25th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP) 16-20 August 2015 The Arena and Convention Centre, Liverpool, United Kingdom. Otranto D. “Diagnostic challenges and the unwritten stories of dog and cat parasites”

13° Congresso Paulista de Clínicos Veterinários de Pequenos Animais - CONPAVEPA & Feira Internacional de Produtos para Veterinários e PetShops - VET EXPO. San Paolo (Brasil) 31 August 02 September 2015

## 2017

26th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP) 4 – 8 Sep 2017 at the world iconic Kuala Lumpur Convention Centre, Otranto D. “Arthropod-borne pathogens of dogs and cats: from pathways and times of transmission to disease control”

12th Turkish Small Animal Veterinary Association 3-6Nov 2017 Istanbul (Turkey)  
 Canine Vector-borne Helminths of Zoonotic Concern  
 Control of Ticks and The Prevention of TBDs in Dogs

7-17 December 2017 Iran

## CVBD World Forum

4<sup>th</sup> Symposium, 25-28 Marzo 2009, Siviglia, Spagna; Otranto D. “Changing distribution patterns of canine vector-borne diseases in Italy: leishmaniasis vs. dirofilariosis”.

5<sup>th</sup> Symposium, 12-15 Aprile 2010; New York City, USA. Otranto D. “Prevention of endemic CVBDs using 10% imidacloprid/50% permethrin spot-on in young dogs”.

6<sup>th</sup> Symposium, 10-13 Aprile 2011; Nice, Francia. Otranto D. “Diagnosis of *Hepatozoon canis* in young dogs by cytology and PCR.

7<sup>th</sup> Symposium, 16-28 Marzo 2012; Berlino, Germania. Capelli G., Otranto D. “The entomological surveillance: old and new ways for thinking CVBDs.

8<sup>th</sup> Symposium, 14-17 Aprile 2013; St. Petersburg, Russian Federation. Otranto D. “On some neglected filarioids of dogs”.

9<sup>th</sup> Symposium, 22-25 Marzo 2014; Lisbona Portogallo. Otranto D. “*Rhipicephalus sanguineus* sensu lato specimens found in a dog mummy in Egypt”.

## Videoconferenze

Barcellona, 24 Marzo 2009, Otranto D. “Control of CVBD in endemic areas: critical issue and future perspectives”.

Milano “Update on Canine Leishmaniasis”, 13 Maggio 2010, Otranto D. “Latest experiences in the field of the prevention of canine Leishmaniasis”. (Web Leish Conference 2)

Barcellona, Marzo 2011, Otranto D. “New field study on the prevention of leishmaniasis and other CVBD in young dog.”.

## SIMPOSI, SEMINARI E CONGRESSI NAZIONALI

### 2004

23° Congresso della Società Italiana di Parassitologia (SOIPA), 9-12 Giugno 2004, Vietri sul mare (Salerno, Italia). Otranto D. “Serological and Molecular approaches to the diagnosis of myiasis causing Oestridae”.

Congresso Nazionale della Società Italiana di Patologia e di Allevamento degli Ovini e dei Caprini (SIPAOC), 1-2 Ottobre 2004, Siena, (Italia). Otranto D. “The Oestrosis” (L’Estrosi).

### 2006

24° Congresso della Società Italiana di Parassitologia (SOIPA), Giugno 2006, Messina (Italia). Otranto D. "Assessment of the efficacy of parasiticides for the control of tick infection in dogs under field conditions: what's new?".

Workshop organizzato dalla Facoltà di Medicina Veterinaria, Università di Teramo, 9 Giugno 2006. "Management and control of ticks and canine ticks borne diseases" ("Gestione e controllo delle zecche e delle malattie trasmesse nel cane").

### 2007

Congresso Nazionale della Società Italiana di Microbiologia (SIM), 1-2 Ottobre 2007, Catania (Italia). Otranto D. "Evolution of the interaction between Pathogens and Vector Arthropods" (Evoluzione del rapporto patogeni-artropodi vettori).

### 2008

Congresso Nazionale UNISVET, 15-17 Febbraio 2008. Otranto D. "Prevention Strategies of the Vector-borne diseases: field experiences". (Strategie di prevenzione delle malattie trasmesse da vettori: esperienze di campo).

### Bayer tour 2008

- Bari 22<sup>th</sup> March
- Napoli 23<sup>th</sup> March
- Genova 29<sup>th</sup> March
- Firenze 30<sup>th</sup> March
- Catania 5<sup>th</sup> April
- Sassari 6<sup>th</sup> April

Otranto D. "Advances on the prevention of Leishmaniosis in the endemic areas". (Recenti acquisizioni per la prevenzione della leishmaniosi canina in aree endemiche").

### Fort Dodge tour 2008

Alghero, Cagliari, Perugia, Roma

Otranto D. "Ticks and fleas: biology and sanitary relevance" ("Zecche e pulci: biologia e importanza sanitaria").

### 2010

26° Congresso della Società Italiana di Parassitologia (SOIPA), 22-25 Giugno 2010, Perugia (Italia).

Dantas-Torres F., Otranto D. "*Rhipicephalus sanguineus*: biology, ecology medical and veterinary relevance"

Otranto D., Dantas-Torres F. "The control of canine vector-borne diseases in endemic areas".

Gionata Informativa sulla "Leishmaniasis and others arthropod borne diseases: actuality and perspectives". (La leishmaniosi e altre malattie trasmesse da artropodi: attualità e prospettive). Dicembre 2010, Molfetta, Bari (Italia).

65° Congresso della Società Culturale Italiana Veterinari per Animali da Compagnia (SCIVAC), 28-30 Maggio 2010, Rimini (Italia). Otranto D. "Canine Leishmaniasis: from the clinical evaluation... To the field prevention". (Leishmaniosi canina: dalla stadiazione clinica... Alla prevenzione in campo).

Workshop della Società Culturale Italiana Veterinari per Animali da Compagnia (SCIVAC), 14 Novembre 2010, Cremona (Italy). Otranto D. "Molecular diagnostics during the clinical activity: from the infectious diseases to the genetic" (Diagnostica molecolare nella pratica clinica: dalle malattie infettive alla genetica).

"Molecular diagnosis of Leishmaniasis and ticks borne diseases: the debate is over"? (Diagnostica molecolare nella leishmaniosi e nelle malattie trasmesse da zecche. Il dibattito è finito?)

### 2011

Congresso Nazionale dell'Associazione Italiana Veterinari Piccoli Animali (AIVPA), 8-9 Ottobre 2011, Bologna (Italia). Innovation in Veterinary Medicine: Fifty year of AIVPA: What is changed in the veterinary clinical activity?

Otranto D. "New perspectives in the dog and cat parasitology" (Nuovi scenari in parassitologia del cane e del gatto).

Convegno "Parassiti d'Italia – una rete al Servizio del Sistema sanitario nazionale. Uomo + animali=una sola salute" Organizzato dall'Associazione Giuseppe Dossetti: i valori-sviluppo e tutela dei diritti, Camera dei Deputati, Palazzo Marini, Sala delle Conferenze, 20-21 Ottobre 2011, Roma (Italia). Chairman and Speaker: Otranto D.

### 2013

Congresso UNISVET "The Leishmaniasis I never wanted to meet". 13-14 Aprile 2013, Napoli (Italia). Otranto D. "Which perspectives we have to manage properly the leishmaniotic dogs in the public and private kennels?" (La Leishmaniosi che non avrei mai voluto incontrare. Quali prospettive abbiamo per una corretta gestione del cane leishmaniotico nei rifugi pubblici e privati?).

Workshop su "Leishmaniasis and other canine vector-borne diseases: What's new?" (Leishmaniosi e altre malattie trasmesse da vettori nel cane, cosa c'è di nuovo?). 23 Giugno 2013, Siracusa (Italia).

The Dog League: Seminar on "Leishmaniasis: cooperation prevention and therapy" (La lega del cane, seminario "Leishmaniosi: cooperare, prevenire, curare"). 24 Settembre 2013, Putignano, Bari (Italia).

Congresso su "Vector-borne diseases: why we need to prevent them?" (Malattie trasmesse da vettori: perchè dobbiamo preoccuparcene? Otranto D. Emerging vector-borne diseases of dogs: do not undervalue them (Malattie emergenti trasmesse da vettori nel cane: non sottovalutiamole), 1 Dicembre 2013, Soave, (Vr) (Italia)

Dal 2013 ad oggi, ha partecipato regolarmente a diversi simposi e congressi nazionali, tenendo seminari in Italia.

## ATTIVITA' DI RICERCA

La sua produzione scientifica nel campo della Parassitologia Medica e Veterinaria consiste ad oggi in più di 500 articoli (>490 articoli scientifici peer-reviewed su riviste internazionali e diversi articoli scientifici peer-reviewed su riviste nazionali). HI=51; numero di citazioni 10500 (Scopus).

>350 presentazioni o seminari, 15 capitoli di libri, 3 documentari sulla parassitologia per implementare l'apprendimento e l'insegnamento.

È uno dei tre coeditori di un libro di testo completo di Parassitologia Veterinaria e Malattie Parassitarie pubblicato dalle Edizioni Mediche Scientifiche Internazionali: Garippa G., Manfredi M., Otranto D. Parassitologia e Malattie Parassitarie degli animali. Edizioni Mediche Scientifiche Internazionali 2010 (pp.1-870). È uno dei tre autori del libro di Entomologia medica e veterinaria pubblicato dal CABI: Russel R., Otranto D. Wall R. 2013 (pp.1-440).

I principali temi di ricerca sono stati:

1) Miasi (1994-1999): Prima descrizione del ciclo biologico di *Przhevalskiana silenus* (causa della miasi sottocutanea delle capre) e di *Hypoderma sinense* (causa della ipodermosi in yak, bovini e uomo) rispettivamente in capre e yak naturalmente infestati; Aspetti immunodiagnostici delle miasi.

2) Infezioni da *Thelazia gulosa*, *T. rhodesi* e *T. skrjabini* (Nematoda, Spirurida, Thelaziidae) nei bovini in Italia (1997-2000) ed identificazione di *Thelazia* nelle mosche che agiscono come vettori.

3) Diversi aspetti (tassonomia, diagnosi e controllo) riguardanti *Thelazia callipaeda* (agente eziologico della thelaziosi dell'uomo e dei carnivori); descrizione della sua biologia sia negli ospiti definitivi che in quelli intermedi (1999-2010). Valutazione di un modello provvisorio basato su GIS per prevedere la distribuzione e la diffusione di *Phortica variegata* e *T. callipaeda*.

4) Studio degli artropodi vettori e dei patogeni trasmessi da vettore, con particolare attenzione alle infezioni di carattere zoonosico (2000 a oggi), quali ad esempio leishmaniosi, thelaziosi, oncocercosi. Ha condotto studi seriali in aree altamente endemiche dell'Italia meridionale e della

Grecia su ~5000 cani e ~500 gatti, ciascuno della durata massima di due anni, per approfondire aspetti cardine delle malattie trasmesse da vettore quali la diagnosi ed il controllo.

5) Studi riguardanti i filaridi del cane, con o senza rilevanza zoonosica (dal 2007 ad oggi). Identificazione, studio della biologia ed epidemiologia dei filaridi del cane a localizzazione sottocutanea (es. *Cercopithifilaria*), inclusa la ri-descrizione di *Cercopithifilaria baina*. Studi sulla biologia di *Onchocerca lupi*, la cui rilevanza zoonosica la prima dimostrazione della sua rilevanza zoonotica. Dal 2012, ricerche in corso per determinare l'identità dell'artropode vettore di questo parassita.

6) Studi riguardanti gli strongili cardiopolmonari dei carnivori: biologia, ecologia (ospiti intermedi e paratenici) e controllo (dal 2014 ad oggi). In particolare, si è occupato di un nematode poco noto del gatto, *Troglostrongylus brevior*, che per molti anni è stato erroneamente diagnosticato come *A. abstrusus*. Descrizione dell'eliminazione delle larve di terzo stadio infettanti dei nematodi con il muco prodotto dalle chiocciole che fungono da ospiti intermedi (*Comu aspersum*) e del modello di trasmissione tra due ospiti intermedi (chiamato *intermediasis*).

7) Micologia veterinaria, compresa la genotipizzazione molecolare dei funghi (2000 a oggi).

#### Attività editoriale e di referaggio

##### Editor in Chief

Medical and Veterinary Entomology (2010-2018)

##### Advisory Editor

Parasites & Vectors (2012-)

##### Coeditor

Parassitologia (2006-2009)

Scientia Parasitologica (2009-)

Journal of Parasitology Research (2008-2012)

Parasitology Research (2017-)

##### Editorial board

Acta Tropica (2018-)

Parasite (2018-)

Entomologia (2012-)

International Journal for Parasitology: Parasites and Wildlife (2014-)

Journal of Veterinary Diagnostic Investigation (2007-2011)

Medical and Veterinary Entomology (2006-2010; 2018-)

Molecular and Cellular Probes (2007-2016)

Parasite (2019-)

Parasites & Vectors (2007-2012)

Veterinaria Italiana (2012-)

Veterinary Parasitology (2007-)

##### Scientific committee

Board member of the European Veterinary Parasitology College EVPC (2009-12)

Vice President of the European Veterinary Parasitology College EVPC (2012-2015)

President of the European Veterinary Parasitology College EVPC (2016-2019)

Executive board member of the World Association for the Advancement of Veterinary Parasitology (2015-2025)

Executive board member of the Italian Society of Parasitology (2012-2016)

##### Referee per diverse riviste scientifiche internazionali con impact factor (alcuni titoli):

Acta Tropica

Biotechnology Advances

Electrophoresis

Experimental and Applied Acarology

Heredity

International Medical Journal for Experimental and Clinical Research

Journal of Parasitology

Journal of Veterinary diagnostic Investigation  
 Journal of Veterinary Medicine B  
 Lancet Infectious Diseases  
 Medical and Veterinary Entomology  
 Molecular and Cellular Probes  
 Parassitologia  
 Parasite  
 Parasitology  
 Parasites & Vectors  
 Research in Veterinary Sciences  
 Trends in Parasitology  
 Veterinary Parasitology

#### Editor di Special Issue

NEXGARD(R). Afoxolaner, a new oral insecticide-acaricide to control fleas and ticks in dogs. Vet Parasitol. 201, Issues 3-4 (2014)

Tradition and innovation: selamectin plus sarolaner. A new tool to control endo- and ectoparasites of cats - a European perspective. Vet Parasitol. 238 Suppl 1:S1-S2 (2017)

#### Riconoscimenti Scientifici

Giugno 1998: Premio come Giovane Ricercatore al XX Congresso della Società Italiana di Parassitologia

Ottobre 2005: Fellow presso Royal Entomological Society (FRES)

Giugno 2006: Premio Internazionale "Mario Benazzi e Giuseppina Benazzi Lentati" dell'Accademia dei Lincei

Agosto 2007: Premio Internazionale "Peter Nansen" del World Association for the Advancement in Veterinary Parasitology

Luglio 2019: International "Bayer Research Award" del World Association for the Advancement in Veterinary Parasitology (WAAVP Madison, US)

#### Membership (nel presente e/o pregresso) in società scientifiche/organizzazioni/ commissioni

- AAVLD (The American Association of Veterinary Laboratory Diagnosticians)
- FIMUA (Federazione Italiana di Micopatologia Umana e Animale)
- Ordine dei Medici Veterinari della Provincia di Bari
- RES (Royal Entomological Society)
- SIPAOC (Società Italiana di Patologia e di Allevamento degli Ovini e dei Caprini)
- SISVet (Società Italiana delle Scienze Veterinarie)
- SolPa (Società Italiana di Parassitologia)
- WAAVP (World Association for Advancement of Veterinary Parasitology)

## ELENCO DELLE PUBBLICAZIONI DEL DR DOMENICO OTRANTO

### Pubblicazioni su riviste internazionali

#### 1998

1. Tempesta M., Pratelli A., Buonavoglia D., Normanno G., **Otranto D.**, Buonavoglia C. 1998. The polymerase chain reaction for the detection of defective interfering canine parvovirus particles. New Microbiologica. 21(4): 353-357.
2. **Otranto D.**, Giangaspero A., Caringella M.P., Puccini V. 1998. *Hypoderma lineatum* antigen and anti-*Przhevalskiana silenus* antibodies: cross reactivity and antibody kinetics in naturally infested goats. Parassitologia. 40(3): 325-331.



## 1999

3. **Otranto D.**, Boulard C., Giangaspero A., Caringella M.P., Rimmele D., Puccini V. 1999. Serodiagnosis of goat warble fly infestation by *Przhevalskiana silenus* with a commercial ELISA Kit. The Veterinary Record. 144(26): 726-729.
4. Di Todaro N., Piazza C., **Otranto D.**, Giangaspero A. 1999. Ticks infecting domestic animals in Italy: current acarological studies carried out in Sardinia and Basilicata regions. Parassitologia. 41(1): 39-40.
5. Giangaspero A., Lia R., Vovlas N., **Otranto D.** 1999. Occurrence of *Thelazia lacrymalis* (Nematoda, Spirurida, Thelaziidae), in native horses in Italy. Parassitologia. 41(4): 545-548.

## 2000

6. **Otranto D.**, Tarsitano E., Giangaspero A., Puccini V. 2000. Differentiation by polymerase chain reaction-restriction fragment length polymorphism of some Oestridae larvae causing myiasis. Veterinary Parasitology. 90(4): 305-313.
7. **Otranto D.**, Puccini V. 2000. Further evidence on the internal life cycle of *Przhevalskiana silenus* (Diptera, Oestridae). Veterinary Parasitology. 88(3-4): 321-328.
8. Giangaspero A., Tieri E., **Otranto D.**, Battistini M.L. 2000. Occurrence of *Thelazia lacrymalis* (Nematoda, Spirurida, Thelaziidae) in native horses in Abruzzo region (central eastern Italy). Parasite. 7(1): 51-53.
9. Giangaspero A., **Otranto D.**, Vovlas N., Puccini V. 2000. *Thelazia gulosa* Raillet and Henry, 1910 and *T. skrjabini* Erschow, 1928 infection in southern Europe (Italy). Parasite. 7(4): 327-329.

## 2001

10. **Otranto D.** 2001. The immunology of myiasis: Parasite survival and host defense strategies. Trends in Parasitology. 17(4): 176-182.
11. **Otranto D.**, Testini G., Sottili R., Capelli G., Puccini V. 2001. Screening of commercial milk samples using ELISA for immuno-epidemiological evidence of infection by the cattle grub (Diptera: Oestridae). Veterinary Parasitology. 99(3): 241-248.
12. **Otranto D.**, Tarsitano E., Traversa D., Giangaspero A., De Luca F., Puccini V. 2001. Differentiation among three species of bovine *Thelazia* (Nematoda: Thelaziidae) by Polymerase Chain Reaction-Restriction Fragment Length Polymorphism of the first internal transcribed spacer ITS-1 (rDNA). International Journal for Parasitology. 31(14): 1693-1698.
13. Faliero S.M., **Otranto D.**, Traversa D., Giangaspero A., Santagada G., Lia R., Puccini V. 2001. Goat warble fly infestation by *Przhevalskiana silenus* (Diptera: Oestridae): immunoepidemiologic survey in the Basilicata region (Southern Italy). Parassitologia. 43(3): 131-134.
14. Santagada G., **Otranto D.**, Traversa D., Faliero S., Puccini V. 2001. Comparative study of anti-*Hypoderma* antibody kinetics in sera, single and bulk milk samples of naturally infested cattle. Parassitologia. 43(3): 109-111.

## 2002

15. Cringoli G., **Otranto D.**, Testini G., Buono V., Di Giulio G., Traversa D., Lia R., Rinaldi L., Veneziano V., Puccini V. 2002. Epidemiology of bovine tick-borne diseases in Southern Italy. Veterinary Researches. 33(4): 421-428.
16. **Otranto D.**, Traversa D. 2002. A review of dicrocoeliosis of ruminants including recent advances in the diagnosis and treatment. Veterinary Parasitology. 107(4): 317-335.

17. **Otranto D.**, Stevens J.R. 2002. Molecular approaches to the study of myiasis causing larvae. *International Journal for Parasitology*. 32(11): 1345-1360.

### 2003

18. **Otranto D.**, Traversa D. 2003. Dicrocoeliosis of ruminants: a little known fluke disease. *Trends in Parasitology*. 19(1): 12-15.
19. Frangipane di Regalbono A., Capelli G., **Otranto D.**, Pietrobelli M. 2003. Assessment of cattle grub (*Hypoderma* spp.) prevalence in northeastern Italy: an immunoepidemiological survey on bulk milk samples using ELISA. *Veterinary Parasitology*. 111(4): 343-350.
20. **Otranto D.**, Traversa D., Tarsitano E., Stevens J. 2003. Molecular differentiation of *Hypoderma bovis* and *Hypoderma lineatum* (Diptera, Oestridae) by Polymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-RFLP). *Veterinary Parasitology*. 112(3): 197-201.
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Firma

F.to Domenico Otranto

Valenzano, 22/05/2019