

PERSONAL INFORMATION

Carla Alexandra Soares Maia



 (Portugal)

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Sex Female | Nationality Portuguese

POSITION

Medical and Veterinary Parasitology

EDUCATION AND TRAINING

2013–2017

Dip. EVPC, Specialist™ in Parasitology

European Veterinary Parasitology College

01/03/2004–30/03/2009

PhD in Biomedical Sciences, Parasitology

Approved by
Unanimity

Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa, Lisboa (Portugal)

Canine and feline leishmaniasis. Host-parasite interactions. In vitro susceptibility of *Leishmania infantum* to drugs currently used in the treatment of zoonotic leishmaniasis. Canine and phlebotomine epidemiological surveys.

26/10/2000–30/01/2003

Master in Medical Parasitology

Final mark: Very
Good. Academic
mark of 18 out of 20

Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa, Lisboa (Portugal)

Immune response in C57BL/6 mice experimentally infected with *Leishmania infantum*

16/10/1994–25/05/2000

Doctor in Veterinarian Medicine

Final mark of 14 out
of 20 (Internship
mark: Very Good)

Faculdade de Medicina Veterinária, Universidade Técnica de Lisboa, Lisboa (Portugal)

2013–04/2013

Scientific training

Faculty of Medicine, Crete (Greece)

Standardization of field and molecular techniques applied to Phlebotomine sand flies

15/01/2012–15/02/2012

Scientific internship

Institut de Recherche pour le Développement, Center of Montpellier (France)

Transfection of *Leishmania* strains susceptible and resistant to pentavalent antimonials

01/06/2010–18/06/2010

Scientific training

Serviço de Parasitologia, Centro Nacional de Microbiología, Instituto de Salud Carlos III, Madrid (Spain)

Analysis of cellular immune response in dogs naturally and experimentally infected with *Leishmania infantum*

- 01/02/2010–01/06/2010 **Scientific internship**
Laboratory of Parasitology, Faculty of Science Charles University, Prague (Czech Republic)
Follow-up of a murine infection with parasites extracted from experimentally infected sand flies in order to evaluate the potential protective immune response acquired against *L. infantum* infection through the pre-exposure to saliva from non-infected sand flies.
- 21/09/2009–18/12/2009 **Scientific internship**
Laboratory of Parasitology, Faculty of Science Charles University, Prague (Czech Republic)
Experimental infection of Phlebotomine sand flies from the Old and new World with *Leishmania infantum* and quantification of the number of parasites transmitted per single sand fly.
- 17/05/2008–23/05/2008 **Scientific training**
Laboratory of Molecular Parasitology, Institute of Tropical Medicine, Antwerpen (Belgium)
Cloning of *Leishmania infantum*
- 23/04/2008–14/05/2008 **Scientific internship**
Laboratory of Parasitology, Faculty of Science Charles University, Prague (Czech Republic)
Experimental infection of phlebotomine sand flies with *Leishmania*
- 16/04/2007–04/05/2009 **Scientific training**
Laboratory of Parasitology, Faculty of Science Charles University, Prague (Czech Republic)
Molecular and morphological identification of phlebotomine sand flies
- 18/07/2005–29/07/2005 **Scientific training**
Serviço de Microbiologia do Serviço de Patologia Clínica do Hospital de Santa Cruz, Camaxide (Portugal)
Differentiation of macrophages starting from monocyte cell lines, *in vitro* macrophage infection with *Leishmania infantum* and susceptibility of the parasite to different drugs
- 27/06/2005–08/07/2005 **Scientific training**
Laboratório de Parasitologia da Faculdade de Farmácia, Universidade de Barcelona, Barcelona (Spain)
In vitro susceptibility of *Leishmania infantum* promastigotes and amastigotes to drugs used in the treatment of leishmaniasis
- 30/06/2014–04/07/2014 **Scientific training**
Anses University, Maisons-Alfort (France)
Q-PCR on chips for high throughput detection of vector-borne pathogens
- 26/10/2013–29/12/2013 **Training course**
Universidade de Trás-os-Montes e Alto Douro, Vila Real (Portugal)
Sanitary evaluation of game animals
- 06/07/2013–13/07/2013 **Scientific training**

University of Bari, Basilicata (Italy)

II Parasitology Summer Course: Residency Course on Arthropod vectors and transmitted pathogens in the Mediterranean area

30/04/2013–10/05/2013

Scientific training

Centro de Pesquisas Gonçalo Moniz, Fiocruz, Salvador da Bahia (Brazil)

Production, selection, and evaluation of antigenicity and immunogenicity of recombinant antigens Course

25/04/2011–30/04/2011

Scientific training

7th International Symposium on Phlebotomine Sandflies, Izmir (Turkey)

Training course on Recognition, Identification, Mounting and Dissection of Phlebotomine Sand Flies

12/09/2010–18/09/2010

Scientific training

Universidade de Alcalá, Madrid (Spain)

Bioinformatics and flow cytometry

21/01/2008–25/01/2008

Scientific training

Faculty of Pharmacy, Universidade de Lisboa, Lisbon (Portugal)

Biomarcadores de stresse Oxidativo - Interesse e Aplicação

29/08/2007–08/09/2007

Workshop: Training course on GIS and environmental control

Department of Epidemiology, Institut Pasteur de Tunes, Tunes (Tunisia)

02/05/2005–13/05/2005

2nd IBMC/ICVS Course in Laboratory Animal Science, Category C

Instituto de Biologia Molecular e Celular, Universidade do Porto, Porto (Portugal)

05/03/2005–12/03/2005

V Citology course for veterinarians

Faculdade de Medicina Veterinaria, Universidade Técnica de Lisboa, Lisbon (Portugal)

WORK EXPERIENCE

01/01/2017–Present

Assistant Researcher

Medical Parasitology Unit. Global Health and Tropical Medicine. Instituto de Higiene e Medicina Tropical. Universidade Nova de Lisboa

Starting Grant (IF/01302/2015) from the Investigator Program of the Portuguese Foundation for Science and Technology (FCT) with the project: "**The emergence and spread of Phlebotomine sandfly-borne diseases: new challenges and possible threats**".

01/12/2015–31/12/2016

Assistant Professor

Medical parasitology Unit. Institute of Hygiene and Tropical Medicine, Lisboa (Portugal)

01/10/2013–30/11/2015

Post doctoral Fellow

Transmission of zoonotic visceral leishmaniases and the competitive cost associated with antimony resistance. Tick-borne pathogens. Canine and feline arthropod-borne diseases.

- 01/09/2011–30/11/2015 **Assistant Professor**
Universidade Lusófona de Humanidades e Tecnologias Lisboa (Portugal)
Head of the discipline and responsible for theoretical lectures of Clinical and Pathology of Parasitic Diseases. Veterinary Medicine Course.
Business or sector Education
- 01/05/2012–30/09/2013 **Life science technician**
Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa and Faculty of Sciences, Charles University Lisboa and Prague (Portugal and Czech Republic)
Canine and sand fly field work included in the FP7 project EDENext
Business or sector Research/ Biomedical Sciences/Parasitology
- 01/05/2009–30/04/2012 **Post doctoral fellow**
Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa and Faculty of Sciences, Charles University, Lisboa and Prague (Portugal and Czech Republic)
Validation of a visceral leishmaniasis model for testing new drugs and vaccines. Evaluation of the immunomodulatory effect of saliva in Leishmania infection outcome and as a risk marker of exposure. Epidemiology of zoonotic leishmaniasis. Canine and Feline leishmaniasis
Business or sector Research/ Biomedical Sciences/Parasitology
- 01/10/2007–01/02/2010 **Invited Assistant Professor**
Universidade Lusófona de Humanidades e Tecnologias, Lisboa (Portugal)
Responsible for practical classes of the discipline Clinical and Pathology of Parasitological Disease from the Veterinary Medicine Course
Business or sector Education
- 01/09/2005–01/07/2006 **Principal Investigator in a clinical study**
(United Kingdom)
Investigator in a clinical study run according to VICH (International cooperation on harmonisation of technical requirements for registration of veterinary medicinal products) GCP (Good Clinical Practice). Responsible for animal welfare and all assays related with an experimental infection.
Business or sector Pharmaceutical Company
- 01/03/2004–31/12/2008 **PhD fellow**
Instituto de Higiene e Medicina Tropical
R. da Junqueira, 100, 1349-008 Lisboa (Portugal)
Parasite-Host interactions. In vitro susceptibility of Leishmania infantum to different drugs used in the treatment of human and canine leishmaniasis. Feline leishmaniasis. Experimental models (mice, hamsters and dogs) of Leishmaniasis. Phlebotomine and canine epidemiological surveys
Business or sector Research/ Biomedical Sciences/Parasitology
- 01/03/2004–01/07/2005 **Trainer in Technical Veterinary Auxiliar Course**
Instituto Monitor, Pedrouços (Portugal)
Training in animal biochemistry, clinical analysis, reproduction, basic surgery, anaesthesia and genetics
Business or sector Professional and technical activities

01/02/2002–01/04/2008 **Trainer in Veterinary Auxiliar Course**
 Instituto Monitor, Pedrouços (Portugal)
 Training in basic animal anatomy, physiology, nutrition, pharmacology, pathology, microbiology and parasitology. Training in how to restrain different animals species (domestic and exotic animals).
Business or sector Professional and technical activities

01/09/2001–01/07/2002 **Veterinarian**
 Qualabe Alimentar, Pontinha (Portugal)
 Food Safety audits in the food/catering industry
Business or sector Food safety

01/06/2000–28/02/2004 **Veterinarian**
 Clínica Veterinária de Arroios, Lisboa (Portugal)
 Clinical veterinary practise
Business or sector Veterinary Medicine

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)

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

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills I supervised 19 MSc students and 5 international MSc/PhD/Postdoc students and examined 29 MSc and 5 PhD theses. At the moment I am supervising four MSc and one PhD students.
 All my work has been made in a team with members from other Portuguese as well as international institutions, namely: Universidade de Trás-os-Montes e Alto Douro, Centro de Química e Bioquímica da Fundação da Faculdade de Ciências, Universidade de Lisboa, Faculdade de Engenharia de Recursos Naturais, Universidade do Algarve, Laboratório Nacional de Investigação Veterinária, Charles University (Czech Republic), Instituto Salud Carlos III (Spain), Aix-Marseille Université (France), Institut de Recherche pour le Développement (France), University of Bari (Italy), Instituto Superiori di Sanità (Italy), Addis Ababa University (Ethiopia), Hebrew University of Jerusalem (Israel) and Centro de Pesquisas Gonçalo Moniz (Brazil).
 Intercultural skills: I am experienced at working in an international dimension and living abroad

Organisational / managerial skills I organized practical classes and theoretical lectures and training courses for veterinary assistants and technicians, veterinarian students, masters courses of Medical Parasitology, Medical Microbiology and Biomedical Sciences and PhD courses of Biomedical Sciences and Tropical Medicine

Job-related skills Veterinary medicine:
 Clinical practice in small animals
 Sanitary work with farm animals
 Research:
 Canine and feline-vector borne and zoonotic diseases
 Tick-borne viruses, bacteria and parasites (molecular and field work)

Maintenance of cell cultures (primary and cell lines)
 In vitro drug susceptibility assays
 In vivo experiments with mice, hamsters and dogs
 Immunological assays: Humoral response (CIE, IFAT, ELISA, DAT) and cellular response (Lymphocyte proliferation, oxidative stress, cytokine expression and production).
 Parasitological assays: cultures, cytology, PCR, qPCR
 Entomological studies: experimental infection of phlebotomine sand flies, detection of individual infection and determination of blood meal source by molecular techniques
 Field work in Portugal and Ethiopia related with proven and potential reservoir hosts and vectors of leishmaniasis

Digital skills Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™)

Other skills Certificate in:
 - Laboratory Animal Science (FELASA category C)
 - Quality Audits Course
 - Security, Hygiene and work Health Course
 - Initial Pedagogic Trainer
 - First Certificate in English, Cambridge School
 Expert of European Food Safety Authority (EFSA)
 Reviewer in scientific journals: Acta Tropica, Parasite & Vectors, The Veterinary Journal, Veterinary Parasitology, Antimicrobial Agents and Chemotherapy, Veterinary Parasitology: Regional Studies and Reports, Journal of the European Mosquito Control Association, Folia Parasitologica, PLOS Neglected Tropical Diseases, PLOS One, Comparative Immunology, Microbiology & Infectious Diseases, BMC Veterinary Research, Slovenian Veterinary Research, Vaccine, Medical and Veterinary Entomology, Ticks and Tick-borne Diseases, Memorias do Instituto Oswaldo Cruz and Trends in Parasitology

Driving licence B

ADDITIONAL INFORMATION

Projects and Networks

n=23
 2017- Portuguese PI of the Erasmus+ - Key Action 2 - Capacity building in the field of higher education "Learning to Investigate by Field Experiment for Southeast Asian Emerging Diseases" sponsored by the European Commission. Portuguese PI
 2017- Member of expert group for Leishmaniasis of DisConTolls "Development of the most effective tools to control infectious animal diseases" <http://www.discontools.eu>. Portuguese PI
 2017- "The emergence and spread of Phlebotomine sandfly-borne diseases: new challenges and possible threats" Portuguese Foundation for Science and Technology Starting Grant (IF/01302/2015). PI
 2016-2017 - Portuguese PI "Detection and treatment of *Onchocerca lupi* from dogs in Portugal" sponsored by University of Bari, Italy and Drugs for Neglected Diseases Initiative, Switzerland. Portuguese PI
 2015 - "European Multicenter survey on cat lungworm" sponsored by Merial SAS, Sanofi Pasteur confluence, Lyon, France. Portuguese PI
 2014-2017- Management committee substitute of COST-Action TD1404: Network for Evaluation of One Health (NEOH).
 2014-2017- Management committee substitute of COST-Action TD1303: European Network for Neglected Vectors and Vector-Borne Infections (<http://eurnegvec.org>)
 2014 - "Emergence and spread of Tick-borne pathogens" sponsored by Centro de Malária e outras Doenças Tropicais, CMDT/IHMT/UNL, Lisboa, Portugal. PI

May 2014 - Member of expert team of VectorNet: a European network for sharing data on the geographic distribution of arthropod vectors, transmitting human and animal disease agents (OC/EFSA/AHAW/2013/02).
http://www.ecdc.europa.eu/en/activities/diseaseprogrammes/emerging_and_vector_borne_diseases/Pages/VBORNET.aspx

2013 - Team member responsible for implementing the first Portuguese ACL-3 insectarium funded by FCT (FCT/ROTEIRO/0125/2013).

2013-2016- Team member of network "Mulheres STrop - Rede Lusófona de Mulheres nas Ciências da Saúde Tropical". GHTM/IHMT/UNL

2013 - " Contribuição para um estudo sobre a prevalência de zoonoses no distrito de Bragança", sponsored by Programa Operativo de Cooperação Transfronteiriça Espanha-Portugal 2007 – 2013), POCTEP 0441_ZOONOSIS_2_E. Investigator

2013 – (...) Network "LeishRIIP: The Reseau International des Instituts Pasteur *Leishmania* Network. (<http://www.leishriip.org>)". Investigator

2012 - "The role of domestic cats in the epidemiology of zoonotic leishmaniasis" sponsored by Centro de Malária e outras Doenças Tropicais/IHMT/UNL, Lisboa, Portugal". PI

2012 – (...) Network "Leishmaniasis Management: European cooperation in clinical and molecular research on Leishmaniasis" private funding. Investigator

2010-2014 - "Biology and control of vector-borne infections in Europe", sponsored by European Union (FP7). Investigator

2010-2013- "New *Leishmania* species and hybrids- risk of introduction and implications to the pathogeny of infection" sponsored by FCT. Investigator

2010 – "Ecology and transmission dynamics of visceral leishmaniasis in Ethiopia" sponsored by Bill and Melinda Gates Foundation collaborators Charles University (República Checa), Addis Ababa University (Etiópia), Hebrew University of Jerusalem (Israel), Volcani Center (Israel) e The Gertner Institute (Israel). Investigator

2009-2011 - "Design of copper, zinc and iron compounds with antileishmanial activity" sponsored by FCT. Investigator

2006-2009 - "Control strategies for visceral leishmaniasis (VL) and mucocutaneous leishmaniasis (MCL) in South America: applications of molecular epidemiology", sponsored by European Union (FP6-INCO-CT-2005-015407). Investigator

2006-2007- Network "Monitoring risk factors of spreading of leishmaniasis around the mediterranean basin", sponsored by European Union (FP6-509086-2003). Investigator

2005-2009 – "Genetic studies on drug resistance and host susceptibility in *Leishmania infantum* infection" sponsored by FCT (PPCDT/CVT/56357/2004). Investigator

2005-2006- Clinical study run according to VICH (International cooperation on harmonisation of technical requirements for registration of veterinary medicinal products) GCP (Good Clinical Practice). Investigator

Publications (Thesis)

Maia C. 2008. Interação Parasita-Hospedeiro e susceptibilidade de *Leishmania infantum* a fármacos. Universidade Nova de Lisboa. Instituto de Higiene e Medicina Tropical. PhD thesis. 301 pp.

Maia C. 2002. Estudo das citocinas IL-4 e IFN- γ em murganhos (C57BL/6) infectados por *Leishmania*. Universidade Nova de Lisboa. Instituto de Higiene e Medicina Tropical. Master thesis. 91 pp.

Maia C. 2000. Clínica e cirurgia em pequenos e grandes animais e sanidade animal. Universidade Técnica de Lisboa. Faculdade de Medicina Veterinária. Veterinary Medicine degree. 60 pp.

Book chapters:

Maia C, Dantas-Torres F, Campino L. 2018. Parasite Biology: The Reservoir Hosts. In: The Leishmaniasis: Old Neglected Tropical Diseases. Ed: F. Bruschi, L. Gradoni. Springer Verlag. Viena. Austria. Pp 79- 106.

Campino L., Maia C. 2012. The role of reservoirs: canine leishmaniasis. In: Drug Resistance in *Leishmania* Parasites – Consequences, Molecular Mechanism and Possible Treatments. Ed: A. Ponte-Sucre, M. Padron-Nieves, E. Diaz. Springer Verlag. Viena. Austria.

Articles in scientific journals with
peer-review:

Researcher ID: H-index: 15

Scopus: H-index: 16

Academic Google: H-index: 20; Hi 10: 30

OrcidID: 0000-0002-2545-7686

ResearcherID: I-6154-2012

Scopus Author ID: 7003677458

n=61

- Colella V, **Maia C**, Pereira A, Gonçalves N, Caruso M, Martin C, Cardoso L, Campino L, Scandale I, Otranto D. 2018. **Evaluation of Oxfendazole in the treatment of *Onchocerca lupi* infection in dogs.** *Plos Neglected Tropical Diseases* (accepted for publication).
- Pereira A, Parreira R, Cotão A, Nunes M, Vieira ML, Azevedo F, Campino L, **Maia C**. 2017. **Tick-borne bacteria and protozoa detected in ticks collected from domestic animals and wildlife in central and southern Portugal.** *Ticks and Tick-borne Diseases* (<https://doi.org/10.1016/j.ttbdis.2017.09.008>) (IF= 3.230)
- Dantas-Torres F, **Maia C**, Latrofa MS, Annoscia G, Cardoso L, Otranto D. 2017. **Genetic characterization of *Rhipicephalus sanguineus (sensu lato)* ticks from dogs in Portugal.** *Parasites & Vectors*, **10**: 133. (IF=3.035)
- Giannelli A, Capelli G, Joachim A, Losson B, Kirkova Z, Martellet M, Papadopoulos E, Farkas R, Brianti E, Varcasia A, Carvalho L, Cardoso L, **Maia C**, Mihalca A, Miró G, Schnyder M, Cantacessi C, Colella V, Cavalera M, Latrofa M, Annoscia G, Halos L, Knauss M, Beugnet F, Otranto D. 2017. **Lungworms and gastrointestinal parasites of domestic cats: an European perspective.** *International Journal for Parasitology*, **47**: 517-528. (IF=4.242)
- **Maia C**, Alwassouf S, Cristóvão J, Ayhan N, Pereira A, Charrel R, Campino L. 2017. **Serological association between *Leishmania infantum* and Sandfly fever Sicilian (but not Toscana) virus in sheltered dogs from southern Portugal.** *Parasites & Vectors*, **10**: 92. (IF= 3.035)
- Tahas S, Diakou A, Dressel M, Frei S, Azevedo F, Casero M, **Maia C**, Grest P, Grimm F, Sitko J, Literak I. 2017. **Extension of the avian host range of collyriciosis in Europe.** *Journal of Wildlife Diseases* **53**: 344–348. (IF = 1.355)
- **Maia C**, Casero M, Annoscia G, Latrofa MS, Colella V, Pereira A, Azevedo F, Otranto D. 2017. ***Cercopithifilaria* sp. II in *Vulpes vulpes*: new host affiliation for an enigmatic canine filarioid.** *Parasitology Research*, **116**: 441-443. (IF= 2.098)
- Pereira A, Figueira L, Nunes M, Esteves A, Cotão A, Vieira ML, **Maia C**, Campino L, Parreira R. 2017. **Multiple phlebovirus (*Bunyaviridae*) genetic groups detected in *Rhipicephalus*, *Hyalomma* and *Dermacentor* ticks from southern Portugal.** *Ticks and Tick-Borne Diseases*, **8**: 45-52. (IF = 2.718)
- Kostalova T, Lestinova T, **Maia C**, Sumova P, Vlkova M, Willen L, Polanska N, Fiorentino E, Scalone A, Oliva G, Veronesi F, Cristóvão JM, Courtenay O, Campino L, Gradoni L, Gramiccia M, Volf P. 2017. **The recombinant protein rSP03B is a valid antigen for screening dog exposure to *Phlebotomus perniciosus* across foci of canine leishmaniasis.** *Medical and Veterinary Entomology*, **31**: 88–93. (IF=2.242)
- **Maia C**, Depaquit J. 2016. **Can *Sergentomyia* (Diptera, Psychodidae) play a role in the transmission of mammal- infecting *Leishmania*?** *Parasite*, **23**: 55. (IF= 2.545)
- Alwassouf S, **Maia C**, Ayhan N, Coimbra M, Cristóvão J, Richet H, Bichaud L, Campino L, Charrel R. 2016. **Neutralisation-based seroprevalence of Toscana virus and Sandfly fever Sicilian virus in dogs and cats from Portugal.** *Journal of General Virology*, **97**: 2816-2823. (IF = 3.192)
- Bravo-Barriga D, Parreira R, **Maia C**, Afonso MO, Blanco-Ciudad J, Serrano FJ, Pérez-Martín J, Gómez-Gordo L, Campino L, Reina D, Frontera E. 2016. **Detection of *Leishmania* DNA and blood meal sources in phlebotomine sand flies (Diptera: Psychodidae) in western of Spain: update on distribution and risk factors associated.** *Acta Tropica*, **164**: 414-424. (IF = 2.380)
- Pereira A, Martins A, Brancal H, Vilhena H, Silva P, Pimenta P, Diz-Lopes D, Neves N, Coimbra M, Alves A, Cardoso L, **Maia C**. 2016. **Parasitic zoonoses associated with dogs and cats: a survey of Portuguese pet owners' awareness and deworming practices.** *Parasites & Vectors*, **9**:245. (IF=3.43)
- Pereira A, Parreira R, Nunes M, Casadinho A, Vieira ML, Campino L, **Maia C**. 2016. **Molecular detection of tick-borne-bacteria and protozoa in cervids and wild boars from Portugal.** *Parasites & Vectors*, **9**:251. (IF=3.43)

- **Maia C**, Altet L, Serrano L, Cristóvão J, Tabar M, Francino O, Cardoso L, Campino L, Xavier Roura X. 2016. **Molecular detection of *Leishmania infantum*, filariae and *Wolbachia* spp. in dogs from southern Portugal.** *Parasites & Vectors*, **9**:170. (IF=3.43)
- Nunes M, Parreira R, **Maia C**, Lopes N, Fingerle V, Vieira ML. 2016. **Molecular identification of *Borrelia* genus in questing hard ticks from Portugal: phylogenetic characterization of two novel Relapsing Fever-like *Borrelia* sp.** *Infection, Genetics and Evolution*, **40**: 266–274. (IF=3.015)
- Alten B, **Maia C**, Afonso O, Campino L, Jiménez M, González E, Molina R, Bañuls A, Prudhomme J, Vergnes B, Toty C, Cassan C, Rahola N, Thierry M, Sereno D, Bongiorno G, Bianchi R, Khoury C, Tsirigotakis N, Dokianakis E, Antoniou M, Christodoulou V, Mazeris A, Karakus M, Ozbel Y, Arserim S, Kasap O, Gunay F, Oguz G, Kaynas S, Tsertsvadze N, Tskhvaradze L, Giorgobiani E, Gramiccia M, Volf P, Gradoni L. 2016. **Seasonal dynamics of phlebotomine sand fly species proven vectors of Mediterranean leishmaniasis caused by *Leishmania infantum*.** *PLoS Neglected Tropical Diseases*, **10**: e0004458. (IF=4.446)
- Bravo-Barriga D, Parreira R., **Maia C**, Blanco-Ciudad J, Afonso MO, Frontera E, Campino L, Pérez-Martín J, Serrano F, Reina D. 2016. **First molecular detection of *Leishmania tarentolae*-like DNA in *Sergentomyia minuta* in Spain.** *Parasitology Research*, **115**: 1339-1344. (IF= 2.098)
- **Maia C**, Lorentz S, Cardoso L, Otranto D, Naucke T. 2016. **Detection of *Dirofilaria repens* microfilariae in a dog from Portugal.** *Parasitology Research*, **115**: 441-443. (IF= 2.098)
- **Maia C**, Catarino A, Almeida B, Ramos C, Campino L, Cardoso L. 2016. **Emergence of *Thelazia callipaeda* infection in dogs and cats from east-central Portugal.** *Transboundary and Emerging Diseases*, **63**: 416-21. (IF=3.585)
- **Maia C**, Pimenta P, Cardoso L. 2015. **Feline leishmaniosis in Portugal – some remarks on disease and infection.** *Journal of Feline Medicine and Surgery*, **17**:1081-1082. (IF= 1.156)
- **Maia C**, Annoscia G, Latrofa MS, Pereira A, Giannelli A, Pedroso L, Otranto D. 2015. ***Onchocerca lupi* nematode in cat, Portugal.** *Emerging Infectious Diseases*, **21**: 2252-2253. (IF= 6.75)
- Ferrolho J, **Maia C**, Gomes J, Alves-Pires C, Cristóvão J, Campino L, Afonso MO. 2015. **Rotation of the external genitalia in male Phlebotomine sand flies (Diptera, Psychodidae) in laboratory conditions and in captured specimens in Algarve, Portugal.** *Acta Tropica*, **150**: 1-3. (IF=2.270)
- Rohoušová I, Talmi-Frank D, Košťálová T, Polanská N, Kratochvílová T, Kassahun A, Yasur-Landau D, **Maia C**, King R, Votýpka J, Jaffe C, Warburg A, Hailu A, Volf P, Baneth G. 2015. **Exposure to *Leishmania* spp. and sand flies in domestic animals in northwestern Ethiopia.** *Parasites & Vectors*, **8**:360 (IF=3.43)
- **Maia C**, Cardoso L. 2015. **Spread of *Leishmania infantum* in Europe with dog travelling.** *Veterinary Parasitology*, **213**: 2-11. (IF=2.460)
- Nunes M, Parreira R, Lopes N, **Maia C**, Carreira T, Sousa C, Faria S, Campino L, Vieira ML. 2015. **Molecular identification of *Borrelia miyamotoi* in *Ixodes ricinus* from Portugal.** *Vector-Borne and Zoonotic Diseases*, **15**: 515-517. (IF= 2.531)
- **Maia C**, Parreira R, Cristóvão JM, Freitas FB, Afonso MO, Campino L. 2015. **Molecular detection of *Leishmania* DNA and identification of blood meals in wild caught phlebotomine sand flies (Diptera: Psychodidae) from southern Portugal.** *Parasites & Vectors*, **8**:173. (IF=3.43)
- **Maia C**, Almeida B, Coimbra M, Fernandes MC, Cristóvão JM, Ramos C, Martins A, Martinho F, Silva P, Neves N, Nunes M, Vieira ML, Cardoso L, Campino L. 2015. **Bacterial and protozoal agents of canine vector-borne diseases in the blood of domestic and stray dogs from southern Portugal.** *Parasites & Vectors*, **8**:138. (IF=3.43)
- **Maia C**, Coimbra M, Ramos C, Cristóvão J, Cardoso L, Campino L. 2015. **Serological investigation of *Leishmania infantum*, *Dirofilaria immitis* and *Angiostrongylus vasorum* in dogs from southern Portugal.** *Parasites & Vectors*, **8**:52. (IF=3.43)
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Fernandes M., Cristóvão J., Campino L., Maia C. 2014. Prevalência da infecção por *Leishmania infantum* na população canina da região de Cascais. VI Congresso da Sociedade Portuguesa de Ciências Veterinárias. Ciências Veterinárias: Praxis e Futuro. 3-5 April, Oeiras, Portugal.

Nunes M, Lopes N, Maia C, Carreira T, Inácio J, Almeida P, Vieira ML. 2013. Presença dos agentes da Doença de Lyme na ixodofauna portuguesa: determinação da taxa de infeção. IV Jornada Científica do IHMT, 13 Dezembro, Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa, Lisbon, Portugal.

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Maia C., Cortes S., Cristóvão J., Afonso MO., Campino L. 2013. Leishmaniasis in Portugal, the last decade. Fifth World Congress on Leishmaniasis. 13-17 May, Porto de Galinhas, Brazil. Abstract book O219

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Quintal S., Morais T., Robalo P., Piedade F., Brito M., Garcia M., Madureira J., Marques M., Maia C., Campino L. 2010. "Design of ferrocenyl compounds with leishmanicidal activity." XV Brazilian Meeting on Inorganic Chemistry. II Latin American Meeting on Biological Inorganic Chemistry. 16-20 August, Angra dos Reis, Brazil.

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Maia C., Onleish. 2009. "A semana da Leishmaniose. Resultados preliminares". XVIII Congresso Nacional da Associação Portuguesa de Médicos Veterinários Especialistas em Animais de Companhia. 29-31 May, Lisbon, Portugal.

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cães de caça da região do Algarve. XIII Congresso Hospital Veterinário Montenegro. 18-19 February, Santa Maria da Feira, Portugal.

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Memberships

Membership of Ordem dos Médicos Veterinários (Member nº 2483).

Member from the Direction of the Portuguese Observatory of Leishmaniasis (Observatório Nacional das Leishmanioses-www.onleish.org)

Membership of the Portuguese Society of Parasitology

Portuguese membership of the European Scientific Counsel Companion Animal Parasites (www.escaap.org)

Team member responsible for implementing the first Portuguese ACL-3 insectarium funded by FCT (FCT/ROTEIRO/0125/2013).

Prizes and grants

2017. Best Portuguese Project on Veterinarian Research "**Canine and Feline vector-borne parasites and bacteria from south of Portugal**". sponsored by the journal Veterinária Atual and the International Faculty for Executives.

2016. Starting Grant (IF/01302/2015) from the Investigator Program sponsored by the Portuguese Agency for Science and Technology (Fundação para a Ciência e a Tecnologia-FCT) with the project: "**The emergence and spread of Phlebotomine sandfly-borne diseases: new challenges and possible threats**".

2015. Postdoc grant from FCT (SFRH/BPD/110264/2015) with the project: "**The emergence and spread of Phlebotomine sandfly-borne diseases in Portugal: new challenges and possible threats**".

2012. Postdoc grant from FCT (SFRH/BPD/44082/2008) with the project: "**Transmission of zoonotic visceral leishmaniasis and the competitive cost associated with antimony resistance**".

2008. Postdoc grant from FCT (SFRH/BPD/44082/2008) with the project: "**Development of an experimental model of *Leishmania infantum* for the evaluation of vaccine candidates**".

2003. PhD grant from FCT (SFRH/BD/12523/2003) with the project: "**Químio-resistência de *Leishmania infantum*: estudos fenotípicos e genotípicos**".