



## Curriculum Vitae

# Sofia Cortes

Sofia Cortes. Completed the PhD in Biomedical Sciences in 2009 by Universidade Nova de Lisboa and Graduation in Biology in 1997 by Universidade de Aveiro. Presently, she is Invited Auxiliary Researcher in Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa. Published 35 articles in peer-review journals and 1 book chapter. Organized 6 events.

Participates and/or participated Principal investigator in 1 project, had a Pos-doctoral Fellow in 2 projects, was Research Fellow in 3 projects and Researcher in 7 projects. She has 36 conference abstracts, presented 31 posters and 2 conference papers. She was invite to present 7 oral communications.

Supervised 4 MSc dissertations and co-supervised 5. Supervised 9 works of course completion of BSc. She received 2 awards.

She is reviewer of peers in 15 journals.

She works in the areas of Medical and Health Sciences with emphasis on Parasitology. Her expertise fields and outputs are: Parasitology; Leishmania; Drug susceptibility; in vivo studies; flow cytometry; TEM; Peroxides; field work; molecular diagnostics; vector studies; tutoring; sampling; bioinformatics; epidemiology; hybrids; in vitro studies; proteomics; Canine leishmaniasis; virulence markers; immunopathology; Leishmaniasis; Visceral leishmaniasis; cutaneous leishmaniasis; canine leishmaniasis; Drug susceptibility studies; Host-parasite interactions; Trypanosoma; Molecular epidemiology; Diagnosis; PCR-RFLP.

## Identification

### Personal identification

Full name  
Sofia Cortes

Gender  
Female

Birth date  
1972/01/24

### Citation names

Cortes, Sofia  
Cortes S.  
S. Cortes

### Author identifiers

Ciência ID  
911B-8344-EA38

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Researcher Id  
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### Email addresses

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### Addresses

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Junqueira, 100, 1349-008 Lisboa, Lisboa, Portugal (Professional)

## Websites

[https://www.researchgate.net/profile/Sofia\\_Cortes/](https://www.researchgate.net/profile/Sofia_Cortes/) (Professional)

<https://novaresearch.unl.pt/en/persons/sofia-j%C3%BAdice-da-costa-cortes> (Scholar)

## Knowledge fields

Medical and Health Sciences - Health Sciences - Parasitology

## Education

	Degree	Classification
2004 - 2009 Concluded	Ciências Biomédicas (Doutoramento) Major in Parasitology  Universidade Nova de Lisboa, Portugal <i>"Genetic diversity of Leishmania parasites population in Portugal" (THESIS/DISSERTATION)</i>	Aproved by unanimity
2006 - 2006 Concluded	Laboratory Animal Sciences (Diploma de especialização)  Direção Geral de Alimentação e Veterinária, Portugal	
1999 - 1999 Concluded	Microbiologia Médica Tropical (Especialização pós-licenciatura)  Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	
1992 - 1997 Concluded	Biology (Licenciatura)  Universidade de Aveiro, Portugal <i>"Study of humoral and celular immunity of golden hamsters (Mesocricetus auratus) experimentaly infected with Leishmania infantum MON-1" (THESIS/DISSERTATION)</i>	13/20

## Affiliation

### Science

2017/01 - Current	Invited Auxiliary Researcher (Research) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2014/12 - 2016/11	Postdoc (Research) Technical University of Applied Sciences Wildau, Faculty Engineering and Natural Sciences, Germany

2009/05 - 2014/10 Postdoc (Research)  
Fundação para a Ciência e a Tecnologia, Portugal

## Teaching in Higher Education

2017/01 - 2018/07 Invited Assistant Professor (University Teacher)  
Universidade do Algarve Departamento de Ciências Biomédicas e Medicina,  
Portugal

## Other Careers

2008/02 - 2008/04 Técnico Superior (Técnico Superior)  
Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal

## Others

1998/01 - 2009/04 Research fellow  
Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal

2004/02 - 2004/02 Research trainee  
Charité Universitätsmedizin Berlin Institut für Mikrobiologie und Hygiene,  
Germany

2002/02 - 2002/02 Research trainee  
London School of Hygiene and Tropical Medicine Faculty of Infectious and Tropical  
Diseases, United Kingdom

## Projects

### Grant

#### Designation

#### Funders

2014/12 - 2016/11	Biomarkers in Leishmania spp. – A hybrid based strategy EU- PCOFUND-GA-2013-609440  Pos-doctoral Fellow Technical University of Applied Sciences Wildau, Faculty Engineering and Natural Sciences, Germany	EU Framework Programme for Research and Innovation Marie Sklodowska-Curie Actions, Belgium
2009/05 - 2014/10	Behaviour studies associated to virulence of Leishmania strains and host susceptibility SFRH/BPD/44450/2008  Pos-doctoral Fellow Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	Fundação para a Ciência e a Tecnologia, Portugal

**Contract**

	Designation	Funders
2017/01 - 2021/12	<p>PERLEISH- Synthetic peroxides as new potential anti-Leishmania chemotypes IF/00743/2015</p> <p>Principal investigator Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal</p>	Fundação para a Ciência e a Tecnologia, Portugal
2014/10 - 2016/06	<p>ZACALEISH-Molecular epidemiology and diagnosis of Leishmania in Central Asia and Southern Caucasus for development of local monitoring and controls systems FKZ01DK14021</p> <p>Researcher Technical University of Applied Sciences Wildau, Faculty Engineering and Natural Sciences, Germany</p>	Bundesministerium für Bildung und Forschung Dienststelle Bonn, Germany
2011/06 - 2014/05	<p>CYTED-Network for the identification of biomarkers potentially useful in discriminating the different clinical outcomes of Leishmania infantum infection. P210RT0656</p> <p>Researcher Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal</p>	Fundação para a Ciência e a Tecnologia, Portugal
2011/04 - 2014/03	<p>Leishybrid-New Leishmania species and hybrids – risk of introduction and implications to the pathogeny of infection. PTDC/CVT/112371/2009</p> <p>Researcher Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal</p>	Fundação para a Ciência e a Tecnologia, Portugal
2011/02 - 2013/12	<p>EDEN-next- Biology and control of vector-borne infections in Europe. 261504</p> <p>Researcher Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal</p>	European Commission Seventh Framework Programme for Research and Technological Development, Belgium
2006/04 - 2008/11	<p>LeishEpiNetSA- Control Strategies for visceral leishmaniasis (VL) and mucocutaneous leishmaniasis (MCL) in South America: applications of molecular epidemiology. INCO-CT-2005-015407</p> <p>Research Fellow Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal</p>	European Commission Sixth Framework Programme, Belgium

2001 - 2005	Leishmania Genotyping- Diagnostic and epidemiological markers for tracking of endemic and resurgent European leishmaniasis QLK2-2001-01810  Research Fellow Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	European Commission Fifth Framework Programme, Belgium
2000 - 2003	Characterization of organ-related responses to Leishmania infantum infection in the murine model POCTI/35263/CVT/2000  Researcher Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
1998 - 2000	IMUNOPOR- Development of a recombinant vaccine derived from BCG against canine leishmaniasis 25/00254  Research Fellow Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	PEDIP, Portugal

## Other

	Designation	Funders
2012 - Current	LeishMan- European cooperation in clinical and molecular research on Leishmaniasis LeishMan  Researcher Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	European Network for Tropical Medicine and Travel Health, Italy

## Outputs

### Publications

Book chapter	1	Cortes S.. 2018. "Reação de polimerase em cadeia e análise do polimorfismo de fragmentos de restrição (PCR-RFLP): Deteção e genotipagem de parasitas do género Leishmania". In <i>Abordagens Moleculares em Veterinária</i> , edited by João Inácio; Mónica Cunha. IISBOA, Portugal: LIDEL. Published
	2	Campino L.; Maia C.; Cortes S.; Maurício I.. 2012. "LEISHMANIOSE: Doença Negligenciada da Pobreza e Emergente no Mare Nostrum - oito Décadas de Contributo do IHMT". In <i>Anais do Instituto de Higiene e Medicina Tropical</i> , 57-59. Lisboa, Portugal: Universidade Nova de Lisboa. Published

- 3 Cortes S.; Lenea Campino. 2012. "Tripanossomose Humana Americana – A Doença de Chagas". In *Anais do Instituto de Higiene e Medicina Tropical*, 49-50. Lisboa, Portugal: Universidade Nova de Lisboa.

Published

Conference abstract

- 1 Cortes S.; A. Armada; A. Mendes; L. Cabral; M.L. Cristiano; L. Campino. 2019. "In vitro activity and mode of action of new endoperoxides against Leishmania". Paper presented in *XXXV Annual Meeting of the Brazilian Society of Protozoology, Caxambu, Brazil*.
- 2 Hornemann, A.; Sinning D.; Cortes S.; Lenea Campino; Emmer K.; Kuhls K.; Frohme M.; Ulm G.; Beckhoff, B.. 2018. "Combining FTIR-based fingerprinting on Leishmania from the Old World with chemometrics tools for differentiation and classification". Paper presented in *First International Caparica Congress on Leishmaniasis 2018, Caparica, Portugal*.
- 3 Albuquerque-Wendt A.; Cortes S.; Carla Maia; Carvalho M.; Lima L.; Freitas L.A. R.; dos Santos W.L.C.; Lenea Campino. 2018. "L. infantum/ L. major natural hybrids: Insights on in vitro and in vivo phenotypic behavior". Paper presented in *First International Caparica Congress on Leishmaniasis 2018, Caparica, Portugal*.
- 4 Cortes S.; Ortuño M; Risueño J; Muñoz C; Bernal A; Ortiz J; Maia, C.; et al. 2017. "Intraspecific diversity of Leishmania infantum from human, domestic and wild animal hosts". Paper presented in *Neglected Vectors and Vector-Borne Diseases, Crete, Greece*.
- 5 Katrin Kuhls; Moskalenko O; Anna Sukiasyan; Ara Keshishyan; Dezdemonia Manukyan; Liana Atshemyan; Cortes S.; Marcus Frohme. 2017. "Emerging Foci of Visceral leishmaniasis in Armenia- molecular epidemiology and pilot risk assessment by ecological niche modeling". Paper presented in *WorldLeish 6, Toledo, Spain*.
- 6 A. Albuquerque-Wendt; Lenea Campino; Luís Cardoso; Cortes S.. 2017. "Evaluation of four molecular methods to detect Leishmania infection in dogs". Paper presented in *12th Symposium of the CVBD World Forum, Athenes, Greece*.
- 7 Cortes S.; Albuquerque-Wendt A.; Maria de Lurdes Cristiano; Cabral, L.; Lenea Campino. 2016. "Potential of Artemisinin derivatives and trioxolanes as anti-Leishmania chemotherapy". Paper presented in *National Symposium on Zoonoses Research, Berlin, Germany*.

Published

- 8 Van der Auwera, Gert; Bart, Aldert; Chicharro, Carmen; Cortes, Sofia; Davidsson, Leigh; Di Muccio, Trentina; Dujardin, Jean-Claude; et al. 2015. "Comparison of Leishmania species typing results in 17 European clinical laboratories". Paper presented in *European Congress on Tropical Medicine and International Health, Basel, Switzerland*, 34-35.

Published

- 9 C. Maia; J. Carreira; C. Ramos; H. Waap; B. de Sousa; J. Cristovão; Cortes S.; L. Campino. 2013. "Feline leishmaniasis in the metropolitan area of Lisbon". Paper presented in *Acta parasitológica Portuguesa, Lisboa, Portugal*, 211.

Published

- 10 Bruno de Sousa C.; Custódio L.; Martins V.; Maia C.; Cortes S.; Neto L.; Barreira L.; et al. 2013. "Portuguese marine macroalgae: Potential antileishmanial sources". Paper presented in *Acta parasitológica Portuguesa, Lisboa, Portugal*, 168.  
Published
- 11 A. Albuquerque-Wendt; L. Campino; Cortes S.. 2013. "Phenotypic studies of hybrid Old World Leishmania sp. Strains". Paper presented in *Acta Parasitológica Portuguesa*.  
Published
- 12 Maia C.; Cortes S.; Cristóvão J.; Afonso M.O.; Campino L.. 2013. "Leishmaniasis in Portugal, the last decade. Fifth World Congress on Leishmaniasis". Paper presented in *WorldLeish 5, Porto Galinhas, Brazil*.
- 13 C. Maia; Cortes S.; J. Cristovão; M.O. Afonso; L. Campino. 2013. "Reservatórios e vetores da leishmaniose em Portugal". Paper presented in *2º Congresso Nacional de Medicina Tropical, Lisboa, Portugal*.
- 14 Cortes S.; C. Ramos; A. Martins; M. Coimbra; B. de Sousa; J. Cristovão; L. Campino; C. Maia. 2012. "The importance of feline leishmaniasis and feline heartworm in Olhão County". Paper presented in *Acta parasitológica Portuguesa, Lisboa, Portugal*, 213.  
Published
- 15 S. Branco; C. Alves-Pires; C. Maia; J. Cristovão; Cortes S.; L. Campino; M.O. Afonso. 2012. "Blood meal analysis and Leishmania infantum detection in wild caught phlebotomine sand flies (Diptera, Psychodidae) from Torres Vedras municipality, Portugal". Paper presented in *XV Congresso Ibérico de Entomologia, Angra do Heroísmo, Portugal*, 48.
- 16 C. Maia; Cortes S.; L. Dionísio; J. Cristovão; L. Neto; M.O. Afonso; L. Campino. 2012. "First detection of Leishmania major-like in naturally infected Sergentomyia minuta in Portugal". Paper presented in *European Multicolloquium of Parasitology, Cluj-Napoca, Romania*, 407.  
Published
- 17 Cortes S.; L. Campino. 2010. "Análise molecular por microssatélites-multilocus aplicada ao estudo da diversidade da população parasitária de Leishmania em Portugal". Paper presented in *Acta Parasitológica Portuguesa, Coimbra, Portugal*, 6.  
Published
- 18 Cortes S.; A. Albuquerque-Wendt; L. Campino. 2010. "Estudo do comportamento biológico de estirpes dermatrópicas e viscerotrópicas de Leishmania infantum- Resultados Preliminares". Paper presented in *Acta Parasitológica Portuguesa, Coimbra, Portugal*, 28.  
Published
- 19 Cortes S.; Esteves C.; Maia C.; Rolão N.; Campino L.. 2009. "Comparative virulence of L. braziliensis and L. peruviana strains and hybrids in animal model infection". Paper presented in *WorldLeish 4, Lucknow, India*.

- 20 C. Maia; L. Campino; M. Marques; J. Cristovão; J. Ramada; R. Neves; L. Cardoso; Cortes S.. 2009. "A semana da leishmaniose" – ONLeish. Resultados preliminares". Paper presented in *Acta Parasitológica Portuguesa, Portugal*, 23.  
Published
- 21 Cortes S.; Maurício I.; Cristóvão J.; Miles M.. 2007. "Evaluation of the Biological Behaviour of Parental and Hybrid Strains of Leishmania Subgenus Viannia: in Vitro Fitness". Paper presented in *5th European Congress on Tropical Medicine and International Health, Amsterdam, Netherlands*, 210-211.  
Published
- 22 Cortes S.; Maia C.; Maurício I.; Miles M.; Campino L.. 2007. "Evaluation of the Biological Behaviour of Parental and Hybrid Strains of Leishmania Subgenus Viannia: Hamsters Experimental Infection". Paper presented in *5th Congress on Tropical Medicine and International Health, Amsterdam, Netherlands*, 211-212.  
Published
- 23 C. Maia; Cortes S.; M.O. Afonso; D.K. Rocha; C. Alves-Pires; L. Campino. 2006. "Utilização da técnica de PCR para detecção de Leishmania sp. e Phlebotomus sp.". Paper presented in *Acta Parasitológica Portuguesa, Portugal*, 48.  
Published
- 24 Cortes S.; A. Almeida; F. Pratlong; J.P. Dedet; L. Campino. 2005. "Leishmania Infantum Diversity in Portugal: Application of Kdna as Molecular Marker". Paper presented in *WorldLeish 3, Palermo, Italy*, 298.
- 25 C. Ravel; F. Pratlong; L. Campino; Cortes S.; P. Lami; G. Serres; J.P. Dedet. 2005. "Detection of three Leishmania infantum- L. major hybrid strains from three HIV infected patients in Portugal". Paper presented in *WorldLeish 3, Palermo, Italy*, 195.
- 26 Cortes S.; K. Kuhls; S. Hertweck; M. Schaar; O. Radtke; C. Chicharro; H. Haralambous; G. Schönian. 2005. "Defferentiation of Leishmania infantum MON-1 strains by multilocus microsatellite typing- Application for epidemiological and population studies". Paper presented in *WorldLeish 3, Palermo, Italy*, 310.
- 27 Cortes S.; M. Nunes; L. Campino. 2005. "Diferenciação de estirpes portuguesas de Leishmania infantum por análise de microssatélites". Paper presented in *Acta Parasitológica Portuguesa, Portugal*, 91.  
Published
- 28 Cortes S.; C. Chicharro; I. Cruz; C. Cañavate; J. M. Rubio; J. Cristovão; L. Campino. 2005. "Análise de esquizodemes em isolados de Leishmania infantum da Península Ibérica". Paper presented in *Acta Parasitológica Portuguesa, Portugal*, 229.  
Published
- 29 A. João; M.A. Pereira; Cortes S.; G. Santos-Gomes. 2005. "Leishmaniose canina: risco de transmissão do parasita e estudo clínico dos animais tratados". Paper presented in *Acta Parasitológica Portuguesa, Portugal*, 135.  
Published
- 30 Maia C.; Rolão N.; Cortes S.; Campino L.. 2003. "Susceptibilidade/resistência da estirpe de murganhos C57BL/6 à infecção por Leishmania infantum". Paper presented in *. Acta Parasitológica Portuguesa, Portugal*, 78.  
Published



- 31 Campino L.; Gomes-Pereira S.; Madureira B.; Cortes S.; Santos-Gomes G.M.; Abranches P.. 2002. "Human leishmaniosis and relationship with HIV infection - New data". Paper presented in *WorldLeish 2, Creta, Greece*, 110.  
Published
- 32 Santos-Gomes G.M.; Rosa R.; Leandro C.; Cortes S.; Silveira H.; Abranches P.. 2002. "Expression of IFN-gama, IL-12 and IL-10 in dogs experimentally infected with *Leishmania infantum*". Paper presented in *WorldLeish 2, Creta, Greece*, 42.  
Published
- 33 Campino L.; Madureira B.; Cortes S.; Gomes-Pereira S.; Santos-Gomes G.; Abranches P.. 2000. "Immunodepressão e Leishmanioses". Paper presented in *Acta Parasitológica Portuguesa*, 77.  
Published
- 34 Leandro C.; Santos-Gomes G.; Campino L.; Romão P.; Cortes S.; Rolão N.; Gomes-Pereira S.; Riça Capela M.J.; Abranches P.. 2000. "Infecção canina por *L. infantum* MON-1. Resposta celular e humoral dos isotipos IgG1 e IgG2". Paper presented in *Acta Parasitológica Portuguesa, Portugal*, 97.  
Published
- 35 Leandro C.; Cortes S.; Romão P.; Rolão N.; Campino L.; Santos-Gomes G.; Abranches P.. 1998. "Estudo da resposta imunológica humoral e celular, da infecção por *Leishmania infantum*, em modelo canino". Paper presented in *Acta Parasitológica Portuguesa, Vila Real, Portugal*, 116.  
Published
- 36 Santos-Gomes G.; Leandro C.; Cortes S.; Romão P.; Rolão N.; Campino L.; Abranches P.. 1998. "Canine leishmaniasis: humoral and cellular immune response and parasite transmission". Paper presented in *Second European Congress on Tropical Medicine, Liverpool, United Kingdom*, 3.

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- |                  |   |   |
|------------------|---|---|
| Conference paper | 1 | Cortes S.; Andreia Mendes; Lilia Cabral; Maria de Lurdes Cristiano; Lenea Campino. 2018. "Synthetic peroxides as potential anti- <i>Leishmania</i> chemotypes.". In <i>Journal of Integrated Omics: 1st International Caparica Conference in Leishmaniasis, Portugal</i> , 34. <i>Journal of Integrated Omics</i> .<br>Published                            |
|                  | 2 | Cortes S.; Andreia Albuquerque-Wendt; Lenea Campino. 2013. "In vitro biological behavior of <i>Leishmania infantum</i> /L. major hybrid strains from Mediterranean basin". Paper presented in <i>XI European Multicolloquium of Parasitology, Cluj-Napoca, Romania</i> , 5-9. Bolonha, Italy: Cosma (Ed.), Medimond International Proceedings.<br>Published |
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- |                   |   |   |
|-------------------|---|---|
| Conference poster | 1 | Cortes S.; Schaefer P; Cristovão J; Brödel O; Frohme M; Campino L; Kuhls K. 2017. " <i>L. infantum</i> / <i>L. major</i> hybrid clones- Phenotypic profiles and differentiation by MALDI-TOF". Paper presented in <i>WorldLeish 6</i> .                           |
|                   | 2 | Anna Sukiasyan; Ara Keshishyan; Desdemona Manukyan; Gayane Melik-Andreasyan; Liana Atshemyan; Marcus Frohme; Cortes S.; Katrin Kuhls. 2017. "Establishment of Molecular Diagnosis of Visceral Leishmaniasis in Armenia". Paper presented in <i>WorldLeish 6</i> . |

- 3 Dmitriy Kovalenko; Zebo Kudratova; Olga Moskalenko; Uktamjon Suvonkulov; Margarita Strelkova; Cortes S.; Marcus Frohme; Katrin Kuhls. 2017. "Leishmaniasis in Uzbekistan – an epidemiological update". Paper presented in *WorldLeish 6*.
- 4 A. Albuquerque-Wendt; Campino L; L. Cardoso; Cortes S.. 2017. "Comparative evaluation of molecular methods to detect Leishmania DNA in dogs". Paper presented in *BSP Spring Meeting 2017*.
- 5 Cortes S.; Schaefer P; Cristovão J; Campino L; Brödel O; Frohme M; Kuhls K. 2016. "Phenotypic features of *L. infantum*/ *L. major* hybrid clones towards the search of virulence and pathogenesis biomarkers". Paper presented in *27th Annual Meeting of the German Society for Parasitology*.
- 6 Anna Sukiasyan; Ara Keshishyan; Gayane Melik-Andreasyan; Liana Atshemyan; Marcus Frohme; Cortes S.; Katrin Kuhls. 2016. "Emerging foci of visceral leishmaniasis in Armenia – molecular diagnostics of clinical samples". Paper presented in *27th Annual Meeting of the German Society for Parasitology*.
- 7 R. Silveira; Cortes S.; I. Maurício; L. Campino; P.E. Ribolla. 2015. "Caracterização molecular do parasita *Leishmania* sp. Em amostras de pacientes da região de Bauru-São Paulo, Brasil". Paper presented in *VII Congresso Argentino de Parasitologia*.
- 8 A. Albuquerque-Wendt; Cortes S.; L. Cabral; L. Lopes; M.L. Cristiano; L. Campino. 2015. "Antileishmanial activity of Artemisinin derivatives and selected Trioxolanes". Paper presented in *BSP Autumn Symposium 2015*.
- 9 Cortes S.; K. Kuhls; M. Nunes; C. Lopes; M. Marcos; L. Cardoso; G. Schonian; L. Campino; I. Maurício. 2014. "Genetic diversity of Portuguese *Leishmania infantum* strains by microsatellite analysis". Paper presented in *BSP Spring Meeting 2014*.
- 10 A. Albuquerque-Wendt; Cortes S.; C. Maia; M. Carvalho; L.A.R. de Freitas; W.L.C. dos-Santos; L. Campino. 2014. "Insights on immunological and histopathological features of *L. infantum*/*L. major* hybrid strains in BALB/c mice infection". Paper presented in *BSP Spring Meeting 2014*.
- 11 A. Albuquerque-Wendt; G. Manjate; L. Campino; Cortes S.. 2013. "Evaluation of RAW 264.7 cell line permissiveness to *Leishmania* parasites". Paper presented in *Congress Microscopy in Research 2013*.
- 12 H. Rocha; J. Gomes; Cortes S.; L. Campino; J. Alves. 2013. "Epidemiologia das infecções por *Leishmania* spp. No efetivo cinotécnico da guarda nacional republicana". Paper presented in *IV Encontro de Formação OMOV*.
- 13 Cortes S.; A. Albuquerque-Wendt; L. Cabral; M. L. S. Cristiano; L. Campino. 2013. "In vitro evaluation of the leishmanicidal effect of selected peroxides". Paper presented in *WorldLeish 5*.

- 14 Cortes S.; J. Cristovão; L. Lopes; J. Oliveira; K. Mansinho; L. Campino. 2013. "Cutaneous leishmaniasis in Portugal: imported and atypical autochthonous cases". Paper presented in *WorldLeish 5*.
- 15 A. Albuquerque-Wendt; Cortes S.; L. Cardoso; L. Campino. 2013. "Evaluation of different PCR protocols for the detection of Leishmania DNA in the diagnosis of canine leishmaniasis". Paper presented in *WorldLeish 5*.
- 16 Maia C.; Ramos C.; Martins M.; Coimbra M.; Sousa B.; Cristóvão J.; Cortes S.; Campino L. 2013. "Leishmania infantum and Dirofilaria immitis infection in domestic and stray cats from southern Portugal". Paper presented in *WorldLeish 5*.
- 17 C. Bruno de Sousa; Cortes S.; A. Farinha; A. S. Carvalho; L. Dionísio; L. Campino. 2013. "Influence of different culture media in Leishmania infantum growth patterns". Paper presented in *WorldLeish 5*.
- 18 Cortes S.; J. Cristovão; J. Oliveira; A. Albuquerque-Wendt; J. Nina; L. Campino. 2013. "Casos importados de leishmaniose cutânea em Portugal". Paper presented in *2º Congresso Nacional de Medicina Tropical*.
- 19 Cortes S.; A. Albuquerque-Wendt; L. Campino. 2013. "Susceptibilidade de estirpes de Leishmania spp. do Velho Mundo à Anfotericina B- resultados preliminares". Paper presented in *2º Congresso Nacional de Medicina Tropical*.
- 20 Bruno de Sousa C.; Custódio L.; Carvalho A.; Martins V.; Maia C.; Cortes S.; Neto L.; et al. 2012. "Antileishmanial activity of red and brown algae from southern Portugal". Paper presented in *XLVIII International Congress for Tropical Medicine and Malaria*.
- 21 Cortes S.; A. Albuquerque-Wendt; J. Canudo; L. Campino. 2012. "In vitro biological behavior of Leishmania infantum, L. major and L. infantum/L. major hybrids from Mediterranean basin". Paper presented in *European Multicoloquium of Parasitology*.
- 22 Cortes S.; C. Peleteiro; J. Cristovão; M. Nunes; N. Rolão; L. Campino; C. Maia. 2012. "Cytokine profiles, histopathology and parasite load of experimental canine leishmaniasis". Paper presented in *European Multicoloquium of Parasitology*.
- 23 Cortes S.; L. Campino. 2010. "Microsatellite-multilocus typing applied to the study of genetic diversity of Leishmania sp. in Portugal". Paper presented in *European Scientific Conference on Applied Infectious Diseases Epidemiology*.
- 24 Cortes S.; Esteves C.; Nühs A.; Maia C.; Campino L.; Clos J.. 2009. "Screening for Virulence Factors of Leishmania braziliensis". Paper presented in *WorldLeish 4*.
- 25 N. Rolão; Cortes S.; S. Gomes-Pereira; O. Rodrigues-Roos; L. Campino. 2005. "Mixed Th1/Th2 Immune Response in L. Infantum Infected Balb/C Mice". Paper presented in *WorldLeish 3*.

- 26 L. Campino; P. Abranches; G. Santos-Gomes; C. Alves-Pires; Cortes S.; M.O. Afonso; J. Ramada; et al. 2005. "Isoenzymatic Polymorphism of *Leishmania Infantum* in Portugal". Paper presented in *WorldLeish 3*.
- 27 M.O. Afonso; Cortes S.; J. Ramada; M.J. Capela; C. Alves-Pires; L. Campino. 2004. "The importance of stray dogs in the transmission of *L. infantum* in periurban areas: epidemiological survey in the Lisboa region". Paper presented in *European Multicolloquium of Parasitology*.
- 28 Alves-Pires C.; Afonso M.O.; Cortes S.; Campino L.. 2003. "Ocorrência de *Phlebotomus sergenti* Parrot, 1917 no foco leishmaniótico da Arrábida". Paper presented in *Acta Parasitológica Portuguesa*.
- 29 Riça-Capela, M.J.; Cortes S.; Peleteiro C.; Santos-Gomes G.; Campino L.. 2002. "Histopathological changes in visceral leishmaniasis in hamster model". Paper presented in *Third European Congress on Tropical Medicine and International Health*.
- 30 Cortes S.; Rolão N.; Campino L.. 2002. "PCR efficacy- Kinetoplastid primers- in *L. infantum* detection". Paper presented in *Third European Congress on Tropical Medicine and International Health*.
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## Journal article

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## Activities

### Oral presentation

	Presentation title	Event name Host (Event location)
2019/07	Contributions for the treatment and control of Leishmaniasis in the Era of overcoming Neglected Tropical Diseases.	Encontro Ciência 2019 Fundação para a Ciência e Tecnologia (Lisboa, Portugal)
2019/04	Importância da Optimização dos Procedimentos para o Diagnóstico da Leishmaniose Humana	I Congresso Internacional de Ciências Médicas Universidade Katyavala Bwila (Benguela, Angola)



2016/11	In the battle against leishmaniasis	Institutsseminar TH Wildau Technical University of Applied Sciences Wildau (Wildau, Germany)
2015/11	Speed Networking presentation: Biomarkers in Leishmania spp. - A hybrid based strategy	Networks in Science. Getting along with Interdisciplinary Research Viadrina European University (Frankfurt (Oder), Germany)
2015/03	Journey to the centre of Europe	Forum Internationale Wissenschaft Technical University of Applied Sciences Wildau (Wildau, Germany)
2015/01	New and old reservoirs of Leishmania: implications on epidemiology and control	International Symposium Leishmaniasis - FROM FIELD TO LAB Technical university of Applied Sciences Wildau (Wildau, Germany)
2012/05/24	Epidemiology and diagnosis of human leishmaniasis in Portugal	Parasitology Seminars II- Leishmaniasis Escola Superior de Tecnologia da Saúde do Porto (Porto, Portugal)

## Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2018 - Current	Fractionation and identification of compounds from medicinal plant extracts from Portugal and evaluation of leishmanicidal activity Supervisor	Parasitologia Médica (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2017 - 2019	In vitro antileishmania activity of synthetic compounds Supervisor	Ciências Biomédicas (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2015 - 2015	In vitro Leishmania phenotypic studies towards identification of disease biomarkers Supervisor	Bachelor on "Biosystemtechnik/Bioinformatik" (Degree) Technische Fachhochschule Wildau, Germany
2014 - 2014	Leishmanicidal effect of syntetic endoperoxides Supervisor	Ciências Biomédicas (Degree) Universidade do Algarve Departamento de Ciências Biomédicas e Medicina, Portugal
2014 - 2014	Volunteer internship in Integrated Masters Degree in Medicine, Universidade do Algarve, UEIPM/IHMT-UNL.	Mestrado Integrado em Medicina (Scientific initiation) Universidade do Algarve

Supervisor

Departamento de Ciências Biomédicas e Medicina, Portugal

2014 - 2014	Leishmania sp. DNA detection in biological samples Supervisor	Biologia (Degree) Universidade de Lisboa Instituto Superior de Agronomia, Portugal
2014 - 2014	Optimization of an in vitro model and recover of Leishmania parasites for susceptibility studies Supervisor	Química Aplicada (Degree) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2013 - 2014	Development and comparison of traditional and instrumental methods for evaluating the efficacy of seaweed bioactive extracts on parasite/host cells systems Supervisor	Parasitologia Médica (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2013 - 2013	Laboratorial techniques applied to diagnosis and investigation in leishmaniasis. Supervisor	Medicina Veterinária (Scientific initiation) Universidade Federal de Pernambuco, Brazil
2013 - 2013	Evaluation of cell permissiveness to infection by strains of Leishmania spp Supervisor	Bioquímica (Degree) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2013 - 2013	Susceptibility of different strains of Leishmania to 1st line drug – Amphotericin B Supervisor	Química Aplicada (Degree) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2013 - 2013	Impact of continuous axenic cultivation in Leishmania infantum Supervisor	Química Aplicada (Degree) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2012 - 2013	New Leishmania species and hybrids-implications to pathogeny of infection Supervisor	Ciências Biomédicas (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2011 - 2011	In vitro fitness of different Leishmania species/strains Supervisor	Ciências Biomédicas (Degree) Universidade do Algarve Departamento de Ciências Biomédicas e Medicina, Portugal
2010 - 2010	In vitro and in vivo biological behaviour of Leishmania strains Supervisor	Química Aplicada (Degree) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal

2009 - 2009	Genetic diversity analysis of Leishmania isolates from Alto Douro region Co-supervisor	Medicina Veterinária (Master) Universidade de Trás-os-Montes e Alto Douro Escola de Ciências Agrárias e Veterinárias, Portugal
2008 - 2008	Functional cloning of virulence markers of Leishmania parasites: L. V. braziliensis and L. V. peruviana Co-supervisor	Biotecnologia (Master) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2007 - 2008	Biological behavior of Leishmania strains, sub-genera Leishmania and Viannia Co-supervisor	Parasitologia Médica (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2007 - 2007	Application of molecular biology methodologies for diagnosis and identification of Leishmania spp. L. infantum drug susceptibility Co-supervisor	Biotecnologia (Master) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2002 - 2003	Genetic diversity of Leishmania isolates from the Iberian Peninsula Co-supervisor	Parasitologia Médica (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal

## Event organisation

	Event name Type of event (Role)	Institution / Organization
2015 - 2015	International Symposium on Leishmaniasis- From field to Lab (2015/01/25 - 2015/01/26) Symposium (Co-organisor)	Technical University of Applied Sciences Wildau, Faculty Engineering and Natural Sciences, Germany
2013 - 2013	Seminar- Canine leishmaniasis: from clinics to the lab (2013/10/09 - 2013/10/10) Seminar (Co-organisor)	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2012 - 2012	Parasitology Seminars II- Leishmaniasis; member of scientific commission (2012/05 - 2012/05) Seminar (Member of the Scientific Committee)	Escola Superior de Tecnologias da Saúde , Portugal
2012 - 2012	Workshop on Leishmaniasis laboratorial diagnosis (2012/05 - 2012/05) Seminar (Member of the Scientific Committee)	Escola Superior de Tecnologias da Saúde , Portugal

2007/05 - 2007/05	Microsatellite analysis Workshop (2007/05 - 2007/05) Seminar (Co-organisor)	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2006 - 2006	Training Course on Diagnostics of Leishmaniasis (2006 - 2006) Workshop (Co-organisor)	Institut Agronomique et Vétérinaire Hassan II, Morocco

## Event participation

	Activity description Type of event	Event name Institution / Organization
2020/01 - 2020/01	Sensibilization for the use of coaching methodologies in Master and PhD theses supervision Workshop	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2006 - 2020	Course Biomedical Data Statistical Analysis with SPSS Program (20h) Workshop	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2019/12 - 2019/12	Developing Supervising Skills Course (14h) Workshop	Universidade Nova de Lisboa, Portugal
2019/11 - 2019/11	VIII Workshop on Biosafety (6h) Workshop	VIII Workshop on Biosafety Instituto Nacional de Saúde Doutor Ricardo Jorge, Portugal
2019/02 - 2019/02	Cytometry Data Analysis in Flow Jo (6h) Workshop	Instituto Gulbenkian de Ciência, Portugal
2017/12 - 2017/12	Workshop on History of Tropical Medicine- Participation as discussant Workshop	Workshop on History of Tropical Medicine Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2016/04 - 2016/07	Basic Module Management Skills for Research and University; Included in the Module: "Project Management" (April 26/27, 2016, 16h), "Proposal Training + Financial and Legal Issues" (May 19/20/21, 2016, 20h), "Future-oriented Leadership and Team Development" (June 15/16, 2016, 16h), "Communication & Conflict Resolution" (July 5/6, 2016, 16h) Workshop	Basic Module "Management Skills for Research and University Postdam University, Germany

2015/11 - 2015/11	Successful Networking for International Post-docs (7h) Workshop	Workshop Successful Networking for International Post-docs Europa-Universität Viadrina Frankfurt an der Oder, Germany
2013/04 - 2013/04	Workshop Genomic variation and different sequencing technologies Workshop	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2012/11 - 2012/11	Next Generation Sequencing Meeting Seminar	Instituto Nacional de Saúde Doutor Ricardo Jorge, Portugal
2011/10 - 2011/10	Leishmaniasis in Portugal on the XXI century Seminar	Universidade de Trás-os-Montes e Alto Douro, Portugal
2011/04 - 2011/04	I Garcia da Horta Colloquium: Medicinal Plants Symposium	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2007/02 - 2007/02	Leishmaniasis Therapeutics Seminar	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2004 - 2004	Workshop Gene expression and biodiversity (30h) Workshop	Universidade de Lisboa Faculdade de Farmácia, Portugal
2002 - 2002	Course Biological Sequence Analysis (40h) Workshop	Instituto Gulbenkian de Ciência, Portugal

### Jury of academic degree

	Theme Role	Candidate name (Type of degree) Institution / Organization
2019/05	Avaliação in vitro da atividade anti-Leishmania de compostos sintéticos. Supervisor	Andreia Mendes (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2015/08	In vitro Leishmania phenotypic studies towards identification of disease biomarkers. Supervisor	Paul Schiefer (Other) Technical University of Applied Sciences Wildau, Faculty Engineering and Natural Sciences, Germany

2013/12	New Leishmania species and hybrids-implications to pathogeny of infection. (Thesis) Arguer	Andreia Albuquerque (Master) Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2013/06	Susceptibility of different strains of Leishmania to 1st line drug – Amphotericin B. Supervisor	Tiago Nunes (Other) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2013/06	Impact of continuous axenic cultivation in Leishmania infantum Supervisor	Joana Marques (Other) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2013/05	Evaluation of cell permissiveness to infection by strains of Leishmania spp. Supervisor	Geraldina Manjate (Other) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2010	In vitro and in vivo fitness of Leishmania strains Supervisor	Andreia Albuquerque (Other) Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal
2009/06	Genetic diversity analysis of Leishmania isolates from Alto Douro region (Thesis) Main arguer	Marta Isabel Marcos (Master) Universidade de Trás-os-Montes e Alto Douro Escola de Ciências Agrárias e Veterinárias, Portugal

## Committee member

	Activity description Role	Institution / Organization
2017/03 - 2017/04	IHMT Open Day- member of scientific commission Member	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2013/12 - 2013/12	III Scientific Seminars of IHMT- member of scientific commission Member	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal
2012/12 - 2012/12	II Scientific Seminars of IHMT- member of scientific commission Member	Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal

## Course / Discipline taught

	Academic session	Degree Subject (Type)	Institution / Organization
2017 - Current	Molecular epidemiology of	Ciências Biomédicas	Universidade Nova de

leishmaniasis: practical applications; Current Research in Diagnosis, Therapeutics and Epidemiology in Leishmaniasis. (lectures)

(Doutoramento)

Lisboa Instituto de Higiene e Medicina Tropical, Portugal

2011 - Current

- Serological techniques in Leishmania (Medical Protozoology Curricular Unit (lab); - Leishmaniasis- General concepts, epidemiology, clinic, diagnosis and treatment - (Medical Protozoology Curricular Unit (theoretical)); - Leishmaniasis- Host parasite interaction and molecular epidemiology (lectures) - Resistance in Leishmania- markers and mechanisms (Genetics of pharmacoresistance in Parasitology Curricular Unit (lectures); - Diagnostic methodologies on protozooses (Medical Protozoology I Curricular Unit (lectures).

Parasitologia Médica (Mestrado)

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

2011 - Current

- Molecular typing in Leishmania (Molecular Parasitology Curricular Unit (lab and seminar); - Molecular mechanisms of cell invasion and mobility: Trypanosomatids (Molecular Parasitology Curricular Unit (lectures); - Resistance in Leishmania: markers and mechanisms (Genetics of pharmacoresistance in Parasitology Curricular Unit (lectures)

Ciências Biomédicas (Mestrado)

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

2018/07 - 2018/08

- Leishmaniasis: parasite-host relationship. Clinical, laboratory diagnosis, treatment and control. Medical Parasitology Curricular Unit (theoretical); - Molecular mechanisms of cell invasion and locomotion – Trypanosomatids. Molecular Parasitology Curricular Unit (lectures)

Ciências Biomédicas (Doctor)

Universidade Agostinho Neto Faculdade de Medicina, Angola

2011 - 2018

Medical Parasitology and Micology (lectures, lab and seminars)

Ciências Biomédicas (Licenciatura)

Universidade do Algarve, Portugal

2015 - 2016

- Micromanipulation and under "Fortgeschrittene Techniken der Molekularbiologie und

Molecular Biotechnology (Master)

Technische Fachhochschule Wildau, Germany

Zellkultur" module (lecture and lab);  
- "Optik und Spektroskopie Labor" (lab)

2010/06/01 - 2010/06/10	Training on human intestinal parasitoses diagnostic techniques" for BSc students (lectures and lab- 20h)	Análises clínicas (Bachelor)	Universidade de Cabo Verde, Cape Verde
2009/01 - 2009/03	"Infection and Immunity" Curricular Unit (lectures and lab, 40h)	Microbiologia (Licenciatura)	Universidade Católica Portuguesa Centro de Investigação Interdisciplinar em Saúde, Portugal
2002 - 2007	"Molecular Epidemiology of Leishmaniasis" Parasitology Curricular Unit (lecture)	Basic and Applied Biology (Doutoramento)	Universidade do Porto Instituto de Ciências Biomédicas Abel Salazar, Portugal

### Journal scientific committee

	Journal title (ISSN)	Publisher
2019 - Current	Parasitology International (1383-5769)	Elsevier
2019 - Current	Fitoterapia (0367-326X)	Elsevier
2018 - Current	Frontiers in Cellular and Infection Microbiology (2235-2988)	Frontiers Media SA
2018 - Current	Experimental Parasitology (1090-2449)	Elsevier
2016 - Current	Veterinary Parasitology (0304-4017)	Elsevier
2016 - Current	Pharmacological Research (1096-1186)	Elsevier
2016 - Current	Infection Genetics and Evolution (1567-1348)	Elsevier
2015 - Current	Frontiers in Molecular Biosciences (2296-889X)	Frontiers Media SA
2014 - Current	Memórias do Instituto Oswaldo Cruz (0074-0276)	SciELO
2013 - Current	Asian Pacific Journal of Tropical Medicine (1995-7645)	Medknow Publications
2012 - Current	PLoS Neglected Tropical Diseases (1935-2735)	Public Library of Science
2012 - Current	Preventive Medicine (1096-0260)	Elsevier
2011 - Current	Parasites & Vectors (1756-3305)	Springer (Biomed Central Ltd.)
2011 - Current	Free Radical Research (1029-2470)	Informa UK (Taylor & Francis)



2010 - Current

Emerging Infectious Diseases (1080-6059)

Centers For Disease Control and  
Prevention

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**Distinctions****Award**

2019	SBPZ Travel award 2019 for the XXXV Annual Meeting of the Brazilian Society of Protozoology Sociedade Brasileira de Protozoologia, Brazil
2018	Excellent Poster Presentation Award 2018- I Caparica Leishmaniasis Congress Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia, Portugal

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