

Curriculum vitae

1. PERSONAL DATA

Full name: Cláudia Silva Marques

Birth place and date: Sintra, 17-12-1978

Nationality: Portuguese

Email: claudiamarques1978@gmail.com ; csmarques@medicina.ulisboa.pt



2. ACADEMIC QUALIFICATIONS

January 2006-December 2009

PhD in Biomedical Sciences – specialist in Parasitology, by the Institute of Hygiene and Tropical Medicine (IHMT), Nova University of Lisbon (UNL)

PhD Thesis: *Neutrophil functional activity during Leishmania infantum infection*, under supervision of Prof. Gabriela Santos-Gomes.

October 1997 - March 2003

Degree in Biology by University of Évora

3. COMPLEMENTARY TRAINING AND QUALIFICATIONS

3.1 Specialization/ Post graduation courses

2008

2ND EFIS/EJI Belgrade Symposium/postgraduate course-Inflammation at the Interface of Innate and Acquired Immunity, Belgrade, Serbia

2006

Laboratory Animal Science Course, category C, Federation of European Laboratory Animal Science Associations (FELASA), IHMT

3.2 Internships

August 2009 - October 2009

PhD training in the Laboratory of Immunoparasitology, Centro de Pesquisa Gonçalo Moniz-FIOCRUZ, Salvador, Bahia, Brazil, under supervision of Prof. Aldina Barral and Prof. Camila Indiani de Oliveira.

March 2007

PhD training in the School of Health Sciences, Life and Health Sciences Research Institute, University of Minho, Braga, under supervision of Prof. Jorge Pedrosa.

September 2006-November 2006

PhD training in the Department of Microbiology and Immunology, College of Veterinary Medicine, Cornell University, Ithaca, NY, USA, under supervision of Prof. Eric Denkers.

October 2001-October 2002

Final year training, IHMT, *Studies in a co-infection murine model of Plasmodium chabaudi chabaudi and Leishmania infantum: interferon-gamma; and interleukin-4 mRNA expression*, under supervision of Prof. Henrique Silveira

4. TECHNICAL AND SCIENTIFIC ACTIVITIES

4.1 Professional activity

Since February 2016

Postdoctoral Fellow, Miguel Prudêncio Laboratory, Instituto de Medicina Molecular (iMM), Faculdade de Medicina, Universidade de Lisboa under the project *A new whole-organism vaccine against malaria* (OPP1086130 – Global Health GCE), supervised by Prof. Miguel Prudêncio.

July 2014-January 2016

Postdoctoral researcher, Laboratory of Pharmaceutical Technology, Faculty of Pharmacy, University of Porto (volunteer). Involved in several laboratory projects related to the development and characterization of nanoparticles for tumor, neurodegenerative and neuropsychiatric disorders and parasitic diseases treatment and cosmetic application, studies of nanoparticles cytotoxicity and inflammation and *in vitro* brain-blood barrier models for drug penetration.

January 2013-June 2014

Postdoctoral Fellow, Laboratory of Pharmaceutical Technology, Faculty of Pharmacy, University of Porto under the project *InVitroBrain - Development of a humanized dynamic in vitro blood-brain barrier model and a vesicle-based barrier for brain penetration of drugs incorporated in lipid nanoparticles - Closing the gap between in vivo and in vitro properties* (FCT PTDC/SAU-FAR/112277/2009), supervised by Prof. Domingos Ferreira.

April 2012-November 2012

Maternity leave gap

June 2010-December 2012

Research technician, Department of Biomedical Science and Medicine, Algarve University, responsible for the Gene Expression Unit and for supporting the investigators in the equipment handling, performing molecular and cellular techniques and management of stock reagents and material.

March 2010 - May 2010

Scientific Research Fellowship, IHMT, with the project *Trypanosome brucei peptidase inhibitors* (Ref. PTDC/CVT/67086/2006), under supervision of Dr. Carlos Novo.

January 2006 - December 2009

PhD student (Funding provided by the PhD grant from the Foundation for Science and Technology-FCT-SFRH/BD/21368/2005), IHMT, Nova University of Lisbon, under supervision of Prof. Gabriela Santos-Gomes.

May 2003 - October 2005

Scientific Research Initiation Fellowship, IHMT with the project *Study of the immune response induced by soluble antigens secreted by promastigotes and amastigotes of Leishmania infantum* (POCTI/37759/CVT/2001) under supervision of Prof. Gabriela Santos-Gomes.

4.2 Participation in funded national and international projects as a researcher

Since 2016

A new whole-organism vaccine against malaria (OPP1086130 – Global Health GCE), financed by Bill & Melinda Gates Foundation. P.I: Prof. Miguel Prudêncio (iMM)

Since 2015

Navigating through marine-derived fungi: bioprospection and synthesis of bioactive secondary metabolites and analogues as chemotherapeutic agents (FCT PTDC/MAR-BIO/4694/2014). P.I: Prof. Madalena Pinto (FFUP).

2010-2014

InVitroBrain - Development of a humanized dynamic in vitro blood-brain barrier model and a vesicle-based barrier for brain penetration of drugs incorporated in lipid nanoparticles - Closing the gap between in vivo and in vitro properties (FCT PTDC/SAU-FAR/112277/2009). P.I: Prof. Domingos Ferreira (FFUP).

2007-2010

Vaccine potential of different Leishmania infantum proteins (PTDC/CVT/70275/2006). P.I: Prof. Ana Tomás (IBMC).

2007-2010

Mechanisms of control and immune prophylaxis in leishmaniose (Leishvacina) (CNPq/ CYTED Ref. 207RT0308). P.I: Prof. Aldina Barral (FIOCRUZ-BA).

2007-2010

Trypanosome brucei peptidase inhibitors. Immunolocalization, secretion and potential use as targets for therapy (PTDC/CVT/67086/2006). P.I: Dr. Carlos Novo (IHMT).

2006-2008

Zoonotic visceral leishmaniose: Role of neutrophils and regulatory T cells in parasite persistence and in host immunity (POCTI/CVT/55113/2004). P.I: Gabriela Santos-Gomes (IHMT).

2005-2008

Microtubule inhibitor formulations against zoonotic visceral leishmaniose (POCI/CVT/56995/2004). P.I: Prof. Eugénia Cruz (INETI).

2002-2005

Study of the immune response induced by soluble antigens secreted by promastigotes and amastigotes of Leishmania infantum (POCTI/37759/CVT/2001). P.I: Gabriela Santos-Gomes (IHMT).

2002-2005

Liposomal formulations of dinitroanilines for treatment of canine leishmaniose (POCTI/CVT/35249/2000). P.I: Prof. Eugénia Cruz (INETI).

5. PUBLICATIONS

5.1. Papers in international scientific periodicals with referees

- **Marques C.**, Azevedo A.R., Carvalho I., Mendes B., Costa P., Sarmiento B., Ferreira D. 2015. Solid lipid nanoparticles as carriers for camptothecin delivery to brain tumor using an *in vitro* blood brain barrier model. Cytotoxicity, permeability and inflammatory studies. (*in prep*).

-Carvalho, I., Coelho, P., Costa, P., **Marques, C.**, Oliveira, R., Ferreira, C. 2015. Current Neurogenic and Neuroprotective Strategies to Prevent and Treat Neurodegenerative and Neuropsychiatric Disorders. *NeuroMolecular Medicine*. (*Epub ahead of print*). doi: 10.1007/s12017-015-8369-3.

- **Marques C.**, Passero L.F., Vale-Gato I., Rodrigues A., Rodrigues O.R., Martins C., Correia I., Tomás A.M., Alexandre-Pires G., Ferronha M.H., Santos-Gomes G. 2015. New insights into neutrophil and *Leishmania infantum* immune interactions. *Comparative Immunology, Microbiology & Infectious Diseases*, 40: 19-29. doi: 10.1016/j.cimid.2015.03.003.

- Mendes B., **Marques C.**, Carvalho I., Costa P., Martins S., Ferreira D., Sarmiento B. 2015. Influence of glioma cells on a new co-culture in vitro blood brain barrier model for characterization and validation of permeability. *International Journal of Pharmaceutics*, 490: 94–101. doi: 10.1016/j.ijpharm.2015.05.027.

- Carvalho I.M., **Marques C.S.**, Oliveira R.S., Coelho P.B., Costa P.C., Ferreira D.C. 2015. Sustained drug release by contact lenses for glaucoma treatment-A review. *Journal of Controlled Release*, 202: 76–82. doi: 10.1016/j.jconrel.2015.01.023.

- Santos-Gomes, G.M., Rodrigues, A, Teixeira, F., Carreira, J., Alexandre-Pires, G., Carvalho, S., Santos-Mateus, D., Martins, C., Vale-Gato, I., **Marques, C.**, Tomás, A.M. 2014. Immunization with the *Leishmania infantum*

recombinant cyclophilin protein 1 confers partial protection to subsequent parasite infection and generates specific memory T cells. *Vaccine*, 32: 1247-1253. doi: 10.1016/j.vaccine.2014.01.024.

- de Azevedo T.P., Zuzarte-Luís V., Gonçalves L., **Marques C.**, Palmeirim I. 2012. Tissue regulation of somitic colloid-like1 gene expression. *Biochemical and Biophysical Research Communications*. 424: 295–300. doi: 10.1016/j.bbrc.2012.06.110.

- Passero L.F., **Marques C.**, Vale-Gato I., Corbetta C., Laurenti M.D., Santos-Gomes G. 2012. Analysis of the protective potential of antigens released by *Leishmania (Viannia) shawi* promastigotas. *Archives of Dermatological Research*. 304: 47-55. doi: 10.1007/s00403-011-1171-7.

- Barbosa M.A.G., Alexandre-Pires G., Soares-Clemente M., **Marques C.**, Roos Rodrigues O., Villa De Brito T., Pereira Da Fonseca I., Alves L. C., Santos-Gomes G.M. 2011. Cytokine gene expression in the tissues of dogs infected by *Leishmania infantum*. *Journal of Comparative Pathology* 145: 336-344. doi: 10.1016/j.jcpa.2011.03.001.

- Passero L.F., **Marques C.**, Vale-Gato I., Corbett C.E., Laurenti M.D., Santos-Gomes G. 2010. Histopathology, humoral and cellular immune response in the murine model of *Leishmania (viannia) shawi*. *Parasitology International*. 59: 159-65. doi: 10.1016/j.parint.2009.12.010.

- Hassan D.A., **Marques C.**, Santos-Gomes G.M., do Rosário V.E., Mohamed H.S., Elhussein A.M., Ibrahim M.E., Abdulhadi N.H. 2009. Differential expression of cytokine genes among sickle-cell-trait (HbAS) and normal (HbAA) children infected with *Plasmodium falciparum*. *Pathogens and Global Health (former Annals of Tropical Medicine and Parasitology)*. 103: 283-295. doi: 10.1179/136485909X435049.

- Rodrigues O.R., **Marques C.**, Soares-Clemente M., Ferronha M.H., Santos-Gomes G.M. 2009. Identification of regulatory T cells during experimental *Leishmania infantum* infection. *Immunobiology*. 214:101-11. doi: 10.1016/j.imbio.2008.07.001.

- **Marques C.**, Carvalheiro M., Pereira M.A., Jorge J., Cruz M.E., Santos-Gomes G.M. 2008. Efficacy of the liposome trifluralin in the treatment of experimental canine leishmaniosis. *The Veterinary Journal*. 178: 133-7. doi: 10.1016/j.tvjl.2007.07.016.

- Rosa R., **Marques C.**, Rodrigues O.R., Santos-Gomes G. 2007. Immunization with *Leishmania infantum* released proteins confers partial protection against parasite infection with a predominant Th1 specific immune response. *Vaccine*. 25: 4525-32. doi: 10.1016/j.vaccine.2007.04.003.

- Baptista-Fernandes T., **Marques C.**, Rodrigues O.R., Santos-Gomes G. 2007. Intra-specific variability of virulence in *Leishmania infantum* zymodeme MON-1 strains. *Comparative Immunology, Microbiology & Infectious Diseases*. 30: 41-53. doi: 10.1016/j.cimid.2006.10.001.

- Rosa R., **Marques C.**, Rodrigues O.R., Santos-Gomes G. 2006. *Leishmania infantum* released proteins specifically regulates cytokine expression and production pattern of by CD4⁺ and CD8⁺ T cells. *Acta Tropica*. 97: 309-17. doi: 10.1016/j.actatropica.2005.12.003.

- **Marques C.**, Rolão N., Centeno-Lima S., Lousada H., Campino L., do Rosário V.E., Silveira H. 2005. Studies in a co-infection murine model of *Plasmodium chabaudi chabaudi* and *Leishmania infantum*: interferon-gamma; and interleukin-4 mRNA expression. *Memórias do Instituto Oswaldo Cruz*. 100: 889-892. doi: 10.1590/S0074-02762005000800011. Quartile 1 (Q1) - Category: Medicine.

- Rosa R., Roos Rodrigues O., **Marques C.**, Santos-Gomes G. M. 2005. *Leishmania infantum*: soluble proteins released by the parasite exert differential effects on host immune response. *Experimental Parasitology*, 109:106-114. doi: 10.1016/j.exppara.2004.11.008.

5.2. Papers in conference proceedings

- **Marques, Cláudia S.**, Falcão, Sarah; Novais, Fernanda; Santos, Diego M.; Rodrigues, Armanda; Passero, Luiz F.; Santos-Mateus, David; Pedrosa, Jorge; Santos-Gomes, Gabriela; Barral, Aldina M.; Oliveira, Camila D.. 2013. "Role of neutrophils in parasite persistence and in host immunity during the initial phase of *Leishmania chagasi* experimental infection", 15th International Congress of Immunology (ICI), In *Frontiers in Immunology*, Milan, Italy. doi: 10.3389/conf.fimmu.2013.02.01056.

- **Marques, Cláudia**; Rodrigues, Armanda; Santos-Gomes, Gabriela M. 2009. "Exocytosis of serine proteases and modulation of neutrophil inflammatory response in the presence of *Leishmania infantum*", Tri-Society Annual Conference of the Society for Leukocyte Biology, International Cytokine Society, & International Society for Interferon and Cytokine Research, In *Cytokine*, Lisbon. Portugal. doi: 10.1016/j.cyto.2009.07.290. Quartile 1 (Q1) - Category: Hematology.

- **Marques, Claudia**; Rodrigues, Olivia R; Soares-Clemente, Marta; Tomás, Ana; Santos-Gomes, Gabriela. 2008. "Immune interactions between neutrophils and *Leishmania infantum*", 2ND EFIS/EJI Belgrade Symposium/Postgraduate Course-Inflammation at the Interface of Innate and Acquired Immunity, In *Serbian Journal of Experimental and Clinical Research*, Belgrade, Serbia.

- **Marques, Claudia**; Rolão, Nuno; Centeno-Lima, Sónia; Lousada, Hélder; Campino, Lenea; Rosário, Virgílio E.; Silveira, Henrique. 2002. "Modulation of Th1/Th2 cytokine profiles in a coinfection model of *Plasmodium chabaudi chabaudi* and *Leishmania infantum*", Third European Congress on Tropical Medicine and International Health, In *Acta Tropica*, Lisboa, Portugal. doi: 10.1016/S0001-706X(02)00140-7.

5.3. Published book chapters

Santos-Gomes GM, Roos Rodrigues O, **Marques C.** Resposta imunológica. In *Leishmaniose canina*. Ed. Chaves Ferreira Publicações, 1^a. Edição, Lisboa, Portugal, 69-83.

6. COMMUNICATIONS

6.1. Oral communications by invitation

- **Marques, C.** 2015. Development of a humanized dynamic in vitro blood-brain barrier (BBB) model for brain penetration of drugs incorporated in solid lipid nanoparticles (SLN). Scientific sessions. January 09th. Faculdade de Farmácia da Universidade do Porto. Portugal.

- **Marques, C.** 2009. Effect of *Leishmania infantum* in neutrophil immune mechanisms. Scientific sessions. August 06th. Centro de Pesquisa Gonçalo Moniz-FIOCRUZ. Salvador, Bahia. Brazil.

- **Marques, C.** 2007. Zoonotic visceral leishmaniose: Role of neutrophils in parasite persistence and in host immunity. I Biology Alumni Meeting. Dezembro 21th. University of Évora. Portugal

6.2. Other oral communications

- Azevedo Rita., Ferreira M., **Marques C.**, Costa P., Ferreira D. 2016. Production of solid lipid nanoparticles and nanostructured lipid carriers containing the antitumoral drug saquinavir. February 18th. Encontro Investigação Jovem IJUP2016. Palácio das Artes. Porto, Portugal.

- Rocha. V., **Marques C.**, Costa PC., Sousa M.E., Correia-da-Silva M. Pinto M. Sousa Lobo J.M. Almeida I.F. 2009. Study of the cytotoxicity of resveratrol and its derivatives for topical application. February 18th. Encontro Investigação Jovem IJUP2016. Palácio das Artes. Porto, Portugal.

- Ferreira M., Moreira G., Azevedo Rita., **Marques C.**, Conceição J., Ferreira D., Lobo J.S., Costa P. 2016. Development and characterization of lipid nanoparticles containing paclitaxel for glioma treatment. February 17th. Encontro Investigação Jovem IJUP2016. Palácio das Artes. Porto, Portugal.
- Passero L.F, **Marques C.**, Gato I.V., Corbett C.E., Laurenti M.D., Santos-Gomes G. 2009. Fração de baixo peso molecular liberada/excretada de *Leishmania (Viannia) shawi* induz proteção na Leishmaniose cutânea murina associada a resposta Th-1. XVII Semana científica Benjamin Eurico Malucelli. October 27th – 29th. Faculdade de Medicina Veterinária e Zootecnia, Universidade de São Paulo. Brazil.
- Passero L.F, **Marques C.**, Gato I.V., Corbett C.E., Laurenti M.D., Santos-Gomes G. 2009. Predominant Th-1 immune response associated to protection by low fraction secreted by *Leishmania (Viannia) shawi*. XIII International Congresso of Protistology/XXV Annual Meeting of the Brazilian Society of Protozoology/XXXVI Annual Meeting on Basic Research in Chagas' Disease. August 23rd a 28th. Armação dos Búzios, Rio de Janeiro. Brazil.
- **Marques C.**, Passero L.F., Vale-Gato I., Correia I., Ferronha H., Santos-Gomes G.M. 2009. Effect of *Leishmania infantum* parasites on neutrophil immune mechanisms. Revista da Sociedade Brasileira de Medicina Tropical. XLV Congresso da Sociedade Brasileira de Medicina Tropical. March 8th – 12th. Recife, Pernambuco. Brazil.
- Passero L.F, **Marques C.**, Gato I.V., Corbett C.E., Laurenti M.D., Santos-Gomes G. 2009. Released proteins from *Leishmania (viannia) shawi* induce protection in experimental Leishmaniasis. Revista da Sociedade Brasileira de Medicina Tropical. XLV Congresso da Sociedade Brasileira de Medicina Tropical. March 8th – 12th. Recife, Pernambuco. Brazil.
- Santos-Gomes G., **Marques C.**, Roos Rodrigues O., Rosa R. 2007. Zoonotic visceral Leishmaniasis: Immunogenicity of proteins released by *Leishmania infantum* promastigotes. Proceedings XXIII Meeting of the Brazilian Society of Parasitology/XXXIV Meeting on Basic Research in Chagas' Disease, November 5th – 7th, Caxambu, Minas Gerais. Brazil.
- Rodrigues O. Roos, **Marques C.**, Amaro A., Moura R., Ferronha M.H., Santos-Gomes, G.M. 2005. CD25+ and CD25- CD4+ T cell populations in murine visceral leishmaniasis. Third World Congress on Leishmaniasis. April 10th – 15th, Palermo, Italy.

6.3. Poster communications

- Rocha, V., **Marques, C.**, Sousa, M.E., Cidade, H., Pinto, M., Sousa Lobo, J.M., Almeida, I.F. 2015. STUDY OF THE POTENTIAL FOR TOPICAL APPLICATION OF A NEW ANTIOXIDANT XANTHONE. Congresso Nacional de Ciências Dermatocosméticas. Universidade lusófona. May 15th. Lisbon. Portugal
- Rocha, V., **Marques, C.**, Contente, S., Sousa, M.E., Palmeira, A., Correia-da-Silva, M., Pinto, M., Sousa Lobo, J.M., Almeida, I.F. 2015. NOVEL RESVERATROL DERIVATIVE FOR SKIN CARE. V Congresso Nacional de Ciências Dermatocosméticas. Universidade lusófona. May 15th. Lisbon. Portugal
- R. S. Azevedo, M. Ferreira, **C. Marques**, D. C. Ferreira, P. Costa. 2014. Production of Solid Lipid Nanoparticles and Nanostructured Lipid Carriers containing antitumoral drug (saquinavir). XX Encontro Luso-Galego de Química. Complexo ICBAS/FFUP. November 26-28. Porto. Portugal
- M. Ferreira, R. S. Azevedo, **C. Marques**, D.C. Ferreira, M.J. Sousa Lobo, P. Costa. 2014. Development of lipid nanoparticles containing paclitaxel. XX Encontro Luso-Galego de Química. Complexo ICBAS/FFUP. November 26-28. Porto. Portugal
- Gabriela Moreira, Ana Rita Moreira, Susana Martins, **Cláudia Marques**, Paulo Costa, José Manuel Sousa Lobo, Domingos Carvalho Ferreira. 2014. DEVELOPMENT OF PROLIPOSOMES AS VECTORS OF MEMANTINE BY LYOPHILIZATION. XX Encontro Luso-Galego de Química. Complexo ICBAS/FFUP. November 26-28. Porto. Portugal

- Fernandes M., **Marques C.**, Mendes B., Sousa Silva J.P., Sousa Lobo J.M., Ferreira D.C., Costa P.C., Almeida I.F. 2014. Evaluation of the cytotoxicity of resveratrol-loaded lipidic and polymeric particles in human keratinocytes. Skin Forum 14th Annual Meeting - Percutaneous penetration, measurement, modulation and modelling. September 04th – 05th. Prague, Czech Republic.
- **Marques, Claudia**; Mendes, Bárbara; Azevedo, Ana Rita; Costa, Paulo; Martins, Susana; Ferreira, Domingos; Sarmiento, Bruno. 2014. Drug loaded-lipid nanoparticles as carriers for drug delivery to gliomas using an *in vitro* blood brain barrier model. 11th International Conference on Nanosciences & Nanotechnologies (NN14). July 08th – 11th. Thessaloniki, Greece.
- Mendes, Bárbara; **Marques, Claudia**; Martins, Susana; Costa, Paulo; Ferreira, Domingos; Sarmiento, Bruno. 2014. Development of an *in vitro* Blood-Brain Barrier model for drug-loaded solid lipid nanoparticles delivery. 5th International Conference on Advanced Nanomaterials (ANM2014). July 2nd – 4th. Aveiro, Portugal
- Mendes, Bárbara; **Marques, Claudia**; Costa, Paulo; Ferreira, Domingos; Sarmiento, Bruno. 2014. Development and characterization of a co-culture two-dimensional blood-brain barrier for the study and correlation of drug permeation. 7.º Encontro Investigação Jovem da Universidade do Porto. Reitoria da Universidade do Porto. February 12nd – 14th. Porto. Portugal
- **Marques C.**, Falcão S., Novais F., Santos D.M., Rodrigues A., Passero L., Santos-Mateus D., Pedrosa J., Santos-Gomes G., Barral A.M. and De Oliveira C. 2013. Role of neutrophils in parasite persistence and in host immunity during the initial phase of *Leishmania chagasi* experimental infection. 15th International Congress of Immunology (ICI). August 22nd - 27th. Milan, Italy.
- Santos-Gomes, Gabriela; Rodrigues, Olivia R; **Marques, Cláudia**; Santos-Mateus, D; Valério-Bolas, A.; Pereira, M.A.; Rodrigues, Armanda; Pereira da F. I. 2013. Role of Toll-like receptors during *L. infantum* infection. Fifth World Congress on Leishmaniasis – WORLDLEISH 5. May 13th 17th. Porto de Galinhas - Pernambuco, Brazil.
- **Marques C.**, Rodrigues A., Santos-Gomes G.M. 2009. Exocytosis of serine proteases and modulation of neutrophil inflammatory response in the presence of *Leishmania infantum*. Tri-Society Annual Conference of the Society of Leukocyte Biology, International Cytokine Society and the International Society for Interferon and Cytokine Research: Cellular and Cytokine Interactions in Health and Disease. 18th – 21th October. Centro de Congressos de Lisboa. Portugal.
- Santos-Gomes G., Alexandre-Pires G., Barbosa M.A.G, **Marques C.**, Vila-Brito M.T., Rodrigues O.O., Alves L.C., Fonseca I.P. 2009. Phenotypic characterization of lymphocytes and expression of cytokines in different sites of *Leishmania infantum* infection. XXXIV Congresso da Sociedade Brasileira de Imunologia. 23rd – 26th September. Salvador, Bahia. Brazil.
- **Marques C.**, Rodrigues A., Vale-Gato I., Santos-Gomes G.M. 2009. Macrophage immune response in the presence of neutrophils exposed to *Leishmania infantum* parasites. XXXIV Congresso da Sociedade Brasileira de Imunologia. 23rd – 26th September. Salvador, Bahia. Brazil.
- Alexandre-Pires G., Barbosa M., Soares-Clemente M., **Marques C.**, Rodrigues O.R., Villa de Brito M.T., Pereira da Fonseca I., Alves L., Santos-Gomes G.M. 2008. Expressão de citoquinas em tecidos de cães infectados com *Leishmania infantum/chagasi* e em cães tratados. IV Congresso da Sociedade Portuguesa das Ciências Veterinárias/I Congresso Ibérico de Epidemiologia. INRB - INIA/Fonte Boa, November 27th - 29th. Vale de Santarém. Portugal. P91. CD Resumo de comunicações, pg199.
- **Marques C.**, Rodrigues O.R., Soares-Clemente M., Tomás A., Santos-Gomes G. 2008. Immune interactions between neutrophils and *Leishmania infantum*. 2ND EFIS/EJI Belgrade Symposium/Postgraduate Course-Inflammation at the Interface of Innate and Acquired Immunity. 7 a 10 Setembro, Belgrade, Serbia.

- Rodrigues O.R., **Marques C.**, Soares-Clemente M., Ferronha M.H., Santos-Gomes GM. 2008. Regulatory T cells in murine visceral infection. 8th International conference on new trends in immunosuppression and immunotherapy. 14 a 17 Fevereiro. Berlin. Germany. A111.
- Santos-Gomes G.M., **Marques C.**, Jorge J., Carvalheiro M., Pereira M.A., Cruz E. 2006. Efficacy of liposome trifluralin in the treatment of experimental canine infection. 3rd Cost B22 Congress on Drug Discovery and Development for Parasitic Diseases, October 1st -4th. Athens, Greece. P44.
- Roos Rodrigues O., **Marques C.**, Ferronha M.H., Santos-Gomes G.M. 2006. Zoonotic visceral leishmaniose: CD4⁺CD25⁺ regulatory T cells during *Leishmania infantum* infection. 1st Joint meeting of European National Societies of Immunology. 16th European Congress of Immunology – ECI, September 6th – 9th. Paris, France. PB-3534.
- Baptista-Fernandes T., **Marques C.**, Rodrigues O.R., Santos-Gomes G.M. 2005. Intraspecific variability of virulence in *Leishmania infantum* zymodeme MON-1 strain. IX Iberian Congress of Parasitology. 25-28 October. Auditório da Reitoria/Faculdade de Farmácia. Universidade de Coimbra. Portugal. EP157.
- **Marques C.**, Rosa R., Pereira M. A., Roos Rodrigues O., Santos-Gomes G. M. 2005. Experimental canine leishmaniose: cytokine mRNA expression in target organs during a short and a long-term *L. infantum* infection. Third World Congress on Leishmaniosis. April 10th – 15th, Palermo, Italy.
- Rosa R., **Marques C.**, Roos Rodrigues O., Santos-Gomes G.M. 2005. Immunization with *L. infantum* released proteins partially protects against parasite infection with a Th1 specific immune response. Third World Congress on Leishmaniosis. April 10th – 15th, Palermo, Italy.
- Rosa R., Roos Rodrigues O., **Marques C.**, Santos-Gomes, G.M. 2005. The role of *L. infantum* released proteins on CD4⁺ and CD8⁺ T cell immunomodulation. Third World Congress on Leishmaniosis. April 10th – 15th, Palermo, Italy.
- Rosa R., Roos Rodrigues O., **Marques C.**, Santos-Gomes G. M. 2004. mRNA cytokine expression induced by proteins released by *Leishmania infantum*. XXX Annual Meeting of the Portuguese Society of Immunology: Lymphocytes-Biology and Medicine. September 30th – October 2nd. Instituto Gulbenkian de Ciência, Oeiras. Portugal. P38.
- **Marques C.**, Rolão N., Centeno-Lima S., Lousada H., Campino L., do Rosário V.E., Silveira H. 2002. Modulation of Th1/Th2 cytokine profiles in a coinfection model of *Plasmodium chabaudi chabaudi* and *Leishmania infantum*. Third European Congress on Tropical Medicine and International Health, September 8th – 12th. Lisboa. Portugal.

7. PARTICIPATION IN JURIS AS AN ARGUER

- Catarina Henriques Azevedo, Master in *Biomedical Sciences* with the dissertation *Estudo do efeito do Benznidazole e Ácido Ursólico quanto à atividade anti-parasitária contra diferentes estirpes de Trypanosoma cruzi*, IHMT, Nova University of Lisbon, March 21st 2015.
- Ana Sofia Valério Bolas, Master in *Biomedical Sciences, specialist in Molecular Biology in Tropical and International Medicine*, with the dissertation *Oxidative and non-oxidative activity of phagocytic cells*, IHMT, Nova University of Lisbon, January 9th 2015.
- David Jorge Santos Mateus, Master in *Applied Microbiology* with the dissertation *Genotypic analysis of the Leishmania infantum resistance to convential drugs and new chemically synthesized compounds*, Faculdade de Ciências from University of Lisbon, March 14th 2014.

8. STUDENT SUPERVISION

- Marlene Ferreira. 2015. Development of lipid nanoparticles containing Paclitaxel for the treatment of glioma. Master in Pharmaceutical Technology, FFUP (**Co-supervisor**).

-Verónica Rocha. 2015. *Study of pharmaceutical materials and cosmetic products cytotoxicity*. Master in Biochemistry, Faculty of Sciences, University of Porto (**Co-supervisor**).

9. TEACHING RELATED ACTIVITIES

March 2009

Practical lectures in the International Course of *Advances in Cellular and Molecular Biology* of the Rede Nordeste de Biotecnologia – Renorbio by Universidade Federal do Piauí, Teresina, Brazil. Coordination by Prof. Carlos Henrique Costa and Prof. Maria do Socorro Pires e Cruz.

May 2008

Theoretical lecture: *Experimental Leishmania infection-in vitro studies* of the Module of Leishmaniasis from the VIII Master Program in Medical Parasitology.

2006-2009

Collaboration in the practical and theoretical/practical classes (*Leishmaniasis* and *Toxoplasmosis*) of the discipline of *Medical Protozoology* from the Post-Graduation Program in Medical Parasitology, IHMT.

2004-2009

Collaboration in the practical and theoretical/practical classes (*Leishmaniasis*) of the disciplines of *Fundamentals of Parasite Immunology*, *Medical Protozoology I and II* and the Module of Leishmaniasis from the Master Program in Medical Parasitology, IHMT.

10. JOURNAL REFERRING

International Journal of Experimental Pathology (Reviewer), Wiley Online Library.

11. LANGUAGES

LANGUAGES	READING	WRITING	COMMUNICATION
PORTUGUESE (NATIVE)/ENGLISH/CAPE VERDE CREOLE	EXCELLENT	EXCELLENT	EXCELLENT
SPANISH (CASTELLANO)	EXCELLENT	GOOD	GOOD

12. MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Since August 2008

-Portuguese Society of Immunology

13. OTHER ACTIVITIES

Since August 2006

Volunteer member in the Organization *CouchSurfing International*

<http://www.couchsurfing.com/about/about-us/>

<https://www.couchsurfing.com/users/216246/profile>