

Curriculum Vitae

Ana Margarida Pignateli Vasconcelos de Assunção Alho



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1. Educational background

[Jul 2019]

- Integrated Master in Human Medicine, Nova Medical School, Faculdade de Ciências Médicas, Universidade Nova de Lisboa, Portugal (2012-2019), 11 Jul 2019, with the final grade of 16 in 20. Relatório final do estágio profissionalizante do 6.º ano do Mestrado Integrado em Medicina, Nova Medical School – Faculdade de Ciências Médicas. Alho, AM, Gago, J. <https://run.unl.pt/handle/10362/80679>

[Jul 2017]

- European Doctoral Degree (PhD) in Veterinary Sciences, in the area of Animal Health, at the Faculty of Veterinary Medicine, University of Lisbon, Portugal, under the topic of “*Dirofilaria immitis* and *Angiostrongylus vasorum*: epidemiology and impact of major heartworms in carnivores in Portugal”, under the supervision of Professor Luís Madeira de Carvalho (FMV-ULisboa) and co-supervision of Professor Peter Deplazes (University of Zurich, Switzerland) and Professor Silvana Belo (IHMT-UNL), unanimously approved with distinction and praise, 25 Jul 2017, 227 pp., Lisbon. Thesis available on: <https://www.repository.utl.pt/handle/10400.5/13975>

[Feb 2012]

- Integrated Master in Veterinary Medicine Degree (DVM, MSc), Faculty of Veterinary Medicine, University of Lisbon, Portugal (2005-2012), with the final grade of 16 in 20. Held a Master Dissertation under the topic of “Environmental enrichment as a strategy for treatment and prevention of Feline Idiopathic Cystitis”, under the supervision of Professor Maria Constança Pomba and Dr. Joana Vidal Pontes, with the final grade of 20 in 20, 29 Feb 2012, 127 pp. Thesis available on: <https://www.repository.utl.pt/handle/10400.5/4064>

2. Professional Experience

[Jun 2021 – Jun 2025]

- Public Health Medical Resident at USP Francisco George, Primary Medical Healthcare Cluster Lisbon North - ACES Lisboa Norte, Portugal / Médica Interna de Saúde Pública na Unidade de Saúde Pública Francisco George, ACES Lisboa Norte, Lisboa, Portugal.

[Jan 2020 – Jun 2021]

- Internship of General Practice at the Hospital de Santa Maria, Centro Hospitalar Universitário Lisboa Norte, Lisbon, Portugal / Médica Interna de Formação Geral no Hospital de Santa Maria, Centro Hospitalar Universitário Lisboa Norte, Lisboa, Portugal.

[Dec 2015 - Nov 2018]

Alternative Residency Training Programme at the European Veterinary Parasitology College (EVPC) at the Faculty of Veterinary Medicine, University of Lisbon, under the supervision of Professor Luís Cardoso and co-supervision of Professor Domenico Otranto and Professor Luís Madeira de Carvalho.

[Jan 2013 - Dec 2016]

- PhD Scholarship financed by the Portuguese Foundation for Science and Technology (FCT) in the research Project: "*Dirofilaria immitis* and *Angiostrongylus vasorum*: epidemiology and impact of major heartworms in carnivores in Portugal", reference SFRH/BD/85427/2012, at the Department of Parasitology and Parasitic Diseases, Faculty of Veterinary Medicine, University of Lisbon, Portugal.

[Oct 2011 - Dec 2012]

- Research Grant in the National Project: "Ecoepidemiology of *Dirofilaria* spp.: molecular characterization, potential vectors and transmission dynamics", reference PTDC/SAU-SAP/113523/2009, at the Department of Parasitology and Parasitic Diseases, Faculty of Veterinary Medicine, University of Lisbon, Portugal.

3. Courses, Externships and Training activities

[Jan 2022 – Dez 2022]

- Specialization Course in Public health (CESP), Programa de Formação do Internato Médico de Saúde Pública, 71 ECTS, presencial, by Escola Nacional de Saúde Pública, Universidade Nova de Lisboa.

[8 Set 2022 – 10 Set 2022]

- Course "Data Science with R in Healthcare" by André Peralta about the potential of R Studio software (from data import, creation of models, graphs and tables ready for publication), promoted by NOVA Saúde Pública, in partnership with the National School of Public Health, presencial, 08/09/22-10/09/22 at the ENSP-NOVA facilities.

[Nov 2021 – Abr 2022]

- I Post-graduation Course ONE HEALTH (I Curso Pós-Graduado One Health - Saúde humana, Saúde animal e Saúde ambiental) by Instituto de Saúde Ambiental da Faculdade de Medicina da Universidade de Lisboa, por videoconferência, 6 ECTS, 168 horas Totais (69 horas aulas lectivas e 99 horas trabalho autónomo 99 horas), 09/11/21 -26/04/2022, with the final grade of 18.

[10 Dez 2021 – 11 Mar 2022]

- Post-graduation Course Mutilação Genital Feminina, Escola Nacional de Saúde Pública – Universidade Nova de Lisboa, 24 horas, 8 ECTS, ensino presencial, by Departamento de Saúde Pública, Comissão para a Cidadania e a Igualdade de Género e Alto Comissariado para as Migrações, with the final grade of 16.

[2021]

- Course "Geographic Information Systems for Public Health" by Instituto de Saúde Pública da Universidade do Porto (ISPUP), intensive course (online), 5-20 Nov 2021.
- Course "O grupo regional e os grupos locais do PPCIRA na prevenção e controlo das infeções na ARSLVT", 14 Jul 2021 (online), by Autoridade Regional de Saúde de Lisboa e Vale do Tejo.
- Course "Simular para Salvar – Emergências Pediátricas", 16 Jun 2021, Hospital Santa Maria, Lisboa, Centro Hospitalar Universitário Lisboa Norte.
- II Workshop sobre o Impacto das Alterações climáticas na Saúde (Workshop on the Impact of climate Change on Health), 3-5 Mar 2021 (online) organized by Faculdade de Medicina da Universidade de Lisboa

- Course “A proteção das crianças: prevenção e deteção à distância de situações de risco ou perigo”, by UNICEF Portugal, 17-18 Feb 2021 (online).

[2020]

- Course “BLS - Basic Life Support Provider” 26 Feb 2020, no Hospital Santa Maria, Lisboa, organized by Conselho Português de Ressuscitação.
- Course “CuBu – Curso Básico de Urgência” 12 Feb 2020, no Hospital Santa Maria, Lisboa, by Centro de formação do Centro Hospitalar Universitário Lisboa Norte.
- Course “Utilização Racional dos Meios Complementares de Diagnóstico” 29 Jan 2020, no Hospital Santa Maria, Lisboa, by Centro de formação do Centro Hospitalar Universitário Lisboa Norte.
- Course “Prevenção e Controlo da Infecção Associada aos Cuidados de Saúde e Utilização Racional dos Antimicrobianos” 8 Jan 2020, no Hospital Santa Maria, Lisboa, by Centro de formação do Centro Hospitalar Universitário Lisboa Norte, final grade 16/20.
- Course “Utilização Racional dos Componentes / Derivados do Sangue” 7 Jan 2020, Hospital Santa Maria, Lisboa, by Centro de formação do Centro Hospitalar Universitário Lisboa Norte, final grade 18/20.

[2017]

- Course “Vienna Summer School on Parasitic Helminths” - collaboration between the University of Veterinary Medicine of Vienna (Professor Anja Joaquim), the Natural History Museum of Vienna (Dr. H. Sattmann), the Zoological and Botanical Society Austria (Prof. F. Schiemer) and the European Veterinary Parasitology College (EVPC). 11-15 Sep 2017, Vienna, Austria.
- Practical activity at the Institut für Parasitologie, University of Veterinary Medicine, Vienna, Austria, 3-10 Sep 2017, under the supervision of Doctor Hans-Peter Fuehrer and Professor Anja Joaquim.

[2016]

- Course “Very Important Parasites in Zurich – from fundamental to applied research”, Institute of Parasitology, Vetsuisse Faculty, University of Zurich, Switzerland, under the auspices of the European Veterinary Parasitology College (EVPC), 23-29 Oct 2016, Zurich, Switzerland.
- Training Course on “Vector Control of Black flies” promoted by the European Society for Vector Ecology (E-SOVE) in collaboration with the European Mosquito Control Association (EMCA), 1-2 Oct 2016, Lisbon, Portugal.
- Laboratory of Parasitic Diseases, Department of Veterinary Medicine, University of Bari, under the supervision of Professor Domenico Otranto, 20 Jun-31 Jul 2016, Bari, Italy.

[2015]

- Institute of Parasitology, Vetsuisse Faculty, University of Zurich, under the supervision of Professor Peter Deplazes, 2-20 Nov 2015, Zurich, Switzerland.
- Training School on Vector-borne diseases and One Health, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca and Chilia Veche, under COST Action TD1303, 6-20 Jul 2015, Romania.

[2014]

- Short Term Scientific Mission at the Institute of Parasitology, Vetsuisse Faculty, University of Zurich, under the supervision of Professor Peter Deplazes, under COST Action TD1303, 15 Sep-3 Oct 2014, Zurich, Switzerland.

- III Parasitology Summer Course (ParSCo), Residency Course on Arthropod Vectors and Transmitted Pathogens in the Mediterranean area, Parasitology and Mycology Unit of the Department of Veterinary Medicine, University of Bari, under the auspices of the European Veterinary Parasitology College (EVPC), 6-13 Sep 2014, Basilicata, Italy.
- Grant attributed by the University of Lisbon, in the call for Extracurricular activities for teachers and researchers, with the volunteer Project “Consciencializa Cabo Verde”.

[2013]

- Animal Experimentation Course, accredited by the Federation of European Laboratory Animal Science Associations (FELASA), 8-19 Apr 2013, Faculty of Veterinary Medicine, University of Lisbon, Portugal.
- Introduction to the Scientific Writing Course, Biosciences Center of Applied Psychology Institute (ISPA), 16 Mar 2013, Lisbon, Portugal.

[2012]

- FLOTAC ESCCAP Meeting - Faecal Examination Method and other copromicroscopic techniques, Università degli Studi di Napoli Federico II, Settore di Parassitologia Veterinaria, 22-23 Nov 2012, Napoli, Italy.

[2011]

- Internship at the Small Animal Teaching Hospital, Faculty of Veterinary Medicine, University of Lisbon, in Internal Medicine, Imaging, Ophthalmology, Surgery and Intensive care services, from 1 Feb - 30 May 2011, Lisbon, Portugal.
- Erasmus Program at the Hospital Clinic from Universitat Autònoma de Barcelona, in Internal Medicine, Ophthalmology, Dermatology, Neurology, Surgery, Trauma Unit, Intensive Care and Imaging services, from 1 Nov 2010-30 Jan 2011, Barcelona, Spain.

[2010]

- Externship Program in Cardiology and Imaging services at the Cornell University Hospital for Animals, 13 Sep–8 Oct 2010, Ithaca, New York, USA.

4. Publications

4.1 Publications in Peer-reviewed International Journals (n=31)

[2022]

- Paredes-Esquivel C, **Alho AM**, Delgado-Serra S, Sola J, Shahi-Barogh B, Harl J, Caetano I, Brazio E, Mira M, Madeira de Carvalho L, Fuehrer, HP. Haemosporidian infections reduce chances of recovery and reintroduction in captive birds. *Pathogens MDPI (submitted)*

[2021]

- **Alho AM**, Ferreira PM, Clemente I, Grácio MA, Belo S. Human Toxocariasis in Portugal - An Overview of a Neglected Zoonosis over the Last Decade (2010-2020). *Infect Dis Rep.* 2021;13(4):938-948. Published 2021 Nov 4. doi:10.3390/idr13040086

[2020]

- Fuehrer HP, **Alho AM**, Kayikci FN, Shahibarogh B, Rosa H, Tomás J, Rocha H, Harl J, Madeira de Carvalho LM. Survey of zoonotic and non-zoonotic vector-borne pathogens in military horses in Lisbon, Portugal. *Frontiers in Veterinary Science*, <https://doi.org/10.3389/fvets.2020.591943>.
- Neves M, Lopes AP, Martins C, Fino R, Paixão C, Damil L, Lima C, **Alho AM**, Schallig HDFH, Dubey JP, Cardoso L. Survey of *Dirofilaria immitis* antigen and antibodies to *Leishmania infantum* and *Toxoplasma gondii* in cats from Madeira Island, Portugal. *Parasites & Vectors*, 13, 117.

[2019]

- Barradas PF, Mesquita JR, Lima C, Cardoso L, **Alho AM**, Ferreira P, Amorim I, Sousa R, Gärtner F. Pathogenic Rickettsia in ticks of spur-thighed tortoise (*Testudo graeca*) sold in a Qatar live animal market. *Transbound Emerg Dis*. doi: 10.1111/tbed.13375
- Lima C, Colella V, Latrofa MS, Cardoso L, Otranto D, **Alho AM**. (2019). Molecular detection of *Leishmania infantum* in dogs and a cat from Qatar. *Parasites & Vectors*, 12, 125. DOI: 10.1186/s13071-019-3394-y.

[2018]

- Lory Costa J, **Alho AM**, Gomes L, Eiras A, Nunes T, Vicente G, Lopes P, Madeira de Carvalho L. (2018). Antineoplastic chemotherapy and its effects on the gastrointestinal parasitism of the dog. *The Open Parasitology Journal*, 6, 96-105. doi: 10.2174/1874421401806010096.
- **Alho AM**, Lima C, Colella V, Madeira de Carvalho L, Otranto D, Cardoso L. (2018). Awareness of zoonotic diseases and parasite control practices: a survey of dog and cat owners in Qatar. *Parasites & Vectors*, 11:133. doi: 10.1186/s13071-018-2720-0.
- Madeira de Carvalho L, **Alho AM**. (2018). Teaching Veterinary Parasitology in Portugal in the 21st Century – changes, challenges and opportunities after the Bologna process. *Veterinary Parasitology* 253:98-101. doi: 10.1016/j.vetpar.2018.01.030.
- **Alho AM**, Meireles J, Schnyder M, Cardoso L, Belo S, Deplazes P, Madeira de Carvalho L. (2018). *Dirofilaria immitis* and *Angiostrongylus vasorum*: the current situation of two major canine heartworms in Portugal. *Veterinary Parasitology* 252:120–6.

[2017]

- **Alho AM**, Lima C, Latrofa MS, Colella V, Ravagnan S, Capelli G, Madeira de Carvalho L, Cardoso L, Otranto D. (2017). Molecular detection of vector-borne pathogens in dogs and cats from Qatar. *Parasites & Vectors*, 10:298. doi:10.1186/s13071-017-2237-y.
- Ferreira A, **Alho AM**, Otero D, Gomes L, Nijse R, Overgaauw PAM, Madeira de Carvalho L. (2017). Urban dog parks as sources of canine parasites: contamination rates and pet owner behaviours in Lisbon, Portugal. *Journal of Environmental and Public Health*, Article ID 5984086. doi:10.1155/2017/5984086.
- **Alho AM**, Marcelino I, Colella V, Flanagan C, Silva N, Correia JJ, Latrofa MS, Otranto D, Madeira de Carvalho L. (2017). *Dirofilaria immitis* in pinnipeds and new host record. *Parasites & Vectors*, 10:142. doi 10.1186/s13071-017-2073-0.
- Giannelli A, Capelli G, Joachim A, Hinney B, Losson B, Kirkova Z, René-Martellet M, Papadopoulos E, Farkas R, Napoli E, Brianti E, Tamponi C, Varcasia A, **Alho AM**, Madeira de Carvalho L, Cardoso L, Maia C, Mircean V, Mihalca AD, Miró G, Schnyder M, Cantacessi C, Colella V, Cavalera MA, Latrofa MS, Annoscia G, Knaus M, Halos L, Beugnet F, Otranto D. (2017). Lungworms and gastrointestinal parasites of domestic cats: a European perspective. *The International Journal for Parasitology*. pii: S0020-7519(17)30101-7. doi: 10.1016/j.ijpara.2017.02.003.
- Otero D, **Alho AM**, Nijse R, Roelfsema J, Overgaauw P, Madeira de Carvalho L. (2017). Environmental contamination with *Toxocara* spp. eggs: prevalence, viability and density in public parks and playground sandpits of Greater Lisbon, Portugal. *The Journal of Infection and Public Health*. pii: S1876-0341(17)30134-X. doi: 10.1016/j.jiph.2017.05.002.
- Ferreira C, Afonso A, Calado M, Maurício I, **Alho AM**, Meireles J, Madeira de Carvalho L, Belo S. (2017). Molecular characterization of *Dirofilaria* spp. circulating in Portugal. *Parasites & Vectors*, 10:250. doi: 10.1186/s13071-017-2180-y.

[2016]

- **Alho AM**, Pita J, Amaro A, Amaro F, Schnyder M, Grimm F, Custódio AC, Cardoso L, Deplazes P, Madeira de Carvalho L. (2016). Seroprevalence of vector-borne pathogens and molecular detection of *Borrelia afzelii* in military dogs from Portugal. *Parasites & Vectors* 9:225. doi: 10.1186/s13071-016-1509-2.
- **Alho AM**, Silva J, Fonseca MJ, Santos F, Nunes C, Madeira de Carvalho L, Rodrigues M, Cardoso L. (2016). First report of *Cytauxzoon* sp. infection in a domestic cat from Portugal. *Parasites & Vectors* 9:220. doi: 10.1186/s13071-016-1506-5.
- **Alho AM**, Giannelli A, Colella V, Otranto D, Madeira de Carvalho L, Correia JJ. (2016). Pathology in Practice. *Journal of the American Veterinary Medical Association*, 249(7):751-3. doi: 10.2460/javma.249.7.751.
- **Alho AM**, Schnyder M, Schaper R, Meireles J, Belo S, Deplazes P, Madeira de Carvalho L. (2016). Seroprevalence of circulating *Angiostrongylus vasorum* antigen and parasite-specific antibodies in dogs from Portugal. *Parasitology Research*. doi: 10.1007/s00436-016-5001-x.
- **Alho AM**, Cruz L, Coelho A, Martinho F, Mansinho M, Annoscia G, Lia RP, Giannelli A, Otranto D, Madeira de Carvalho L. (2016). Aberrant laryngeal location of *Onchocerca lupi* in a dog. *Parasitology International* 65(3):218-220. doi: 10.1016/j.parint.2015.12.010.
- **Alho AM**, Fiarresga A, Landum M, Lima C, Gamboa O, Meireles J, Sales Luís J, Madeira de Carvalho L. (2016). A homemade snare: an alternative method for mechanical removal of *Dirofilaria immitis* in dogs. *Veterinary Medicine International*, article ID 5780408. doi.org/10.1155/2016/5780408
- **Alho AM**, Mouro S, Pissarra H, Murta A, Lemos M, Gomes L, Lima C, Madeira de Carvalho L. (2016). First report of *Eucoleus boehmi* infection in a dog from Portugal. *Parasitology Research*. 115(4):1721-5. doi: 10.1007/s00436-016-4932-6.
- Matos B, Colella V, **Alho AM**, Otranto D, Doyle R, Madeira de Carvalho L. (2016). Early infection by *Crenosoma vulpis* in a puppy. *Helminthologia*, 53(3): 276 – 280. doi: 10.1515/helmin-2016-0027.
- **Alho AM**, Pontes JV, Pomba C. (2016). Guardians' knowledge and husbandry practices of feline environmental enrichment. *Journal of Applied Animal Welfare Science*, 19(2):115-25. doi: 10.1080/10888705.2015.
- **Alho AM**, Pontes JV, Pomba MC. (2016). Epidemiologia, diagnóstico e terapêutica da cistite idiopática felina. Feline idiopathic cystitis – incidence, diagnosis and treatment. *Revista Veterinaria REDVET* 17 (11); 1-13. <http://www.veterinaria.org/revistas/redvet/n111116/111605.pdf>

[2015]

- Matos M, **Alho AM**, Owen SP, Nunes T, Madeira de Carvalho L. (2015). Parasite control practices in companion animals: a survey of dog and cat owners. *Preventive Veterinary Medicine*, 122(1-2):174-80. doi:10.1016/j.prevetmed.2015.09.006
- Melo-Franco B, **Alho AM**, Calero-Bernal R, Madeira de Carvalho LM. (2015). Principales parasitoses intestinales de los équidos. Métodos simples y prácticos de diagnóstico laboratorial. *Revista ARGOS* 167, 64-69.
- Mottola C, **Alho AM**, Rafael T, Gonçalves T, Seixas R. (2015). Leptospirose em Portugal: Situação actual e importância das medidas de controlo no contexto da Saúde Pública - Leptospirosis in Portugal: Current status and importance of control measures in the context of Public Health. *Revista Veterinaria REDVET*, 16(2): 1-16.

[2014]

- **Alho AM**, Landum M, Ferreira C, Meireles J, Gonçalves L, Madeira de Carvalho L, Belo S. (2014). Prevalence and seasonal variations of canine Dirofilariosis in Portugal. *Veterinary Parasitology*, Special Issue: Heartworms Today - The Search for Solutions — AHS 2013, New Orleans, Louisiana, USA. Volume 206, Issues 1–2, pp. 99–105. doi:10.1016/j.vetpar.2014.08.014
- Landum M, Ferreira CC, Calado M, **Alho AM**, Mauricio IL, Meireles JS, Madeira de Carvalho L, Cunha C, Belo S. (2014). Detection of *Wolbachia* in *Dirofilaria* infected dogs in Portugal. *Veterinary Parasitology* 204, 407-410.

[2013]

- Seixas R, **Alho AM**. (2013). Adrenal incidentaloma diagnosed as a pheochromocytoma in a fifteen-year-old dog - an unexpected finding with deadly consequences. *Pakistan Veterinary Journal*, 2013, 33(4): 532-534.

4.2 Conference Proceedings in International Journals (n=5)

[2016]

- **Alho AM**, Cortes H, Lopes AP, Vila-Viçosa MJ, Cardoso L, Belo S, Madeira de Carvalho L. (2016). Detection of *Dirofilaria immitis* antigen in red foxes (*Vulpes vulpes*) from Portugal. Fifth European *Dirofilaria* and *Angiostrongylus* Days (FiEDAD), 11-13 Jul, University of Veterinary Medicine, Vienna, Austria. *Parasites & Vectors*, 10(Suppl 1):A16. doi: 10.1186/s13071-016-1902-x.
- **Alho AM**, Vilhena H, Oliveira AC, Granada S, Lopes AP, Belo S, Madeira de Carvalho L, Cardoso L. (2016). In search of *Dirofilaria immitis* in domestic dogs from Luanda. Fifth European *Dirofilaria* and *Angiostrongylus* Days (FiEDAD), 11-13 Jul, University of Veterinary Medicine, Vienna, Austria. *Parasites & Vectors*, 10(Suppl 1):A17. doi: 10.1186/s13071-016-1902-x.

[2015]

- Lajas LM, **Alho AM**, Gomes L, Begg C, Begg K, Waiti E, Otranto D, Almeida V, Madeira De Carvalho LM. (2015). Gastrointestinal and respiratory parasites survey in wild lions from Niassa National Reserve, Mozambique – Preliminary results. *Proceedings of the International Conference on Diseases of Zoo and Wild Animals*, 13-16 May, Barcelona. *Full paper*. pp. 151-154.

[2014]

- **Alho AM**, Nunes T, Rinaldi L, Meireles J, Belo S, Deplazes P, Madeira de Carvalho L. (2014). Transmission risk of dirofilariosis in Portugal. Proceedings of the 1st Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec), Cluj-Napoca, Romania, 8-11 Apr 2014. *Parasites & Vectors*, 7 (Suppl 1):O16.
- **Alho AM**, Schnyder M, Meireles J, Belo S, Deplazes P, Madeira de Carvalho L. (2014). Preliminary results on the seroprevalence of *Angiostrongylus vasorum* and co-infection with *Dirofilaria immitis* in shelter dogs from Portugal. Proceedings of the 1st Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec), Cluj-Napoca, Romania, 8-11 Apr 2014. *Parasites & Vectors*, 7(Suppl 1):O26.

4.3 Publications in Peer-reviewed National Journals (n=15)

[2017]

- Matos B, **Alho AM**, Carvalho I, Costa Silva F, Madeira de Carvalho L. (2017). Parasitoses Gastrointestinais e Pulmonares em Felinos. *Revista Clínica Animal*, 2, 8-19.

[2016]

- **Alho AM**, Madeira de Carvalho L. (2016). *Angiostrongilose*, doença parasitária canina potencialmente fatal transmitida por lesmas e caracóis. *Revista Veterinária Atual*, 94, 34-35.

[2015]

- **Alho AM**, Cruz R, Madeira de Carvalho L. (2015). *Dipylidium caninum*, da ingestão da pulga ao controlo do céstode mais comum do cão e do gato. *Revista Clínica Animal*, 3, 26-29.
- Otero D, Ferreira A, Cruz R, **Alho AM**, Madeira de Carvalho L. (2015). *Toxocara* spp.: a lombriga de estimação dos carnívoros domésticos e silvestres em Portugal. *Revista Clínica Animal*, 3, 30-35.

[2014]

- Nabais J, **Alho AM**, Gomes L, Ferreira da Silva J, Nunes T, Vicente G, Madeira de Carvalho L. (2014). *Aelurostrongylus abstrusus* in cats and *Angiostrongylus vasorum* in dogs from Lisbon, Portugal. *Acta Parasitológica Portuguesa*, 20 (1/2), 35-40.
- Otero D, Nijse R, Gomes L, **Alho AM**, Overgaauw P, Hoek D, Madeira de Carvalho LM. (2014). Prevalência de ovos de *Toxocara* spp. no solo de parques públicos da área da Grande Lisboa, Portugal – Resultados preliminares. *Acta Parasitológica Portuguesa*, 20 (1/2), 47-50.
- Vidal R, **Alho AM**, Rocha H, Gomes L, Carneiro J, Madeira de Carvalho L. (2014). Rastreamento nacional de doenças caninas de transmissão vectorial em cães militares da Guarda Nacional Republicana. *Veterinary Medicine*, Novembro/Dezembro, 34-38.
- **Alho AM**, Meireles J, Belo S, Madeira de Carvalho L. (2014). Dirofilariose canina e felina, uma parasitose em evolução – II – Fisiopatologia, Diagnóstico e Terapêutica. *Revista Clínica Animal*, 3, 26-32.
- **Alho AM**, Meireles J, Belo S, Madeira de Carvalho L. (2014). Dirofilariose canina e felina, uma parasitose em evolução – I – Etiologia, Biologia e Epidemiologia. *Revista Clínica Animal*, 2, 20-25.
- Santos Matos M, **Alho AM**, Madeira de Carvalho L. (2014). Utilização correta de ectoparasiticidas: eis o fim da picada! *Revista Clínica Animal*, 7, 26-31.

[2013]

- Santos Matos M, **Alho AM**, Madeira de Carvalho L. (2013). Anti-helmínticos em animais de companhia: quando o fim justifica o meio. *Revista Clínica Animal*, 6, 18-22.
- Nabais J, **Alho AM**, Vicente G, Madeira de Carvalho L. (2013). Aelurostrongilose felina: uma parasitose de cortar a respiração! *Veterinary Medicine*, 15(88), 51-56.
- **Alho AM**, Nabais J, Madeira de Carvalho L. (2013). A importância da Técnica de Baermann na clínica de pequenos animais. *Revista Clínica Animal*, 3, 28-31.
- Seixas R, **Alho AM**, Guerra D, Carvalho L. (2011). Doenças caninas de transmissão vertical: uma picada com muitas consequências. *Veterinary Medicine*, 13(77), 18-36.

[2010]

- **Alho AM**, Seixas R, Rafael T, Carvalho L. (2010). Formas larvares dos Helmintas: o elo mais forte na desparasitação do cão e do gato. *Veterinary Medicine*, 12(71), 33-46.

4.4 Book chapters (n=1)

[2020]

- Ramilo DW, **Alho AM**, Gomes J, Santos M, Meireles J, Tomás A, Santos AS, Santos Silva M, Amaro A, Alexandre-Pires G, Belo S, Schnyder M, Deplazes P, Madeira de Carvalho L, Pereira da Fonseca I. Vectors and Vector Borne Diseases: Morphological and Molecular Diagnosis, Risk Assessment, Population Genetics and Control Strategies. In: Freitas Duarte A., Lopes da Costa L. (eds) *Advances in Animal Health, Medicine and Production*. Springer, Cham, pp 321-343. https://doi.org/10.1007/978-3-030-61981-7_18

5. Presentations at National and International Conferences

5.1 Invited oral communications (n=31)

[2022]

- **Alho AM.** “One Health”. Palestra no âmbito do evento InSPira, organizado pela Associação Nacional dos Médicos de Saúde Pública (ANMSP) de Introdução à Saúde Pública entre os Médicos de Saúde Pública e os médicos internos que agora iniciam a sua formação específica em Saúde Pública. 8 Abr 2022 (45 minutos horas, 50/60 alunos, online).

[2021]

- **Alho AM e Santos MM.** Apresentação de artigo “Kivimäki M, Batty GD, Pentti J, et al. Modifications to residential neighbourhood characteristics and risk of 79 common health conditions: a prospective cohort study” Lancet Public Health 2021; 6: 396–407, no Journal Club promovido pela Comissão Médicos Internos de Saúde Pública de Lisboa e Vale do Tejo, 2 Nov 2021, ACES Lisboa Norte, que decorreu na UCSP Sete Rios, Lisboa (1 hora, 40 pessoas, presencial).
- **Alho AM.** Zoonoses: o que o futuro nos reserva? Webinar sob o tema “Perturbação ecológica e (re)emergência de doenças infecciosas”, organizado pelo Instituto Saúde Ambiental (ISAMB) da Faculdade de Medicina da Universidade de Lisboa e pela Associação de Estudantes da Faculdade de Medicina de Lisboa (AEFML), 14 Set 2021 (via zoom). Realizada no âmbito do #EcologyDay2021, iniciativa promovida pela Sociedade Portuguesa de Ecologia e pela European Ecological Federation, com o apoio da Comissão Nacional da UNESCO.

[2019]

- **Alho AM.** Zoonoses do cão e do gato, uma só saúde. Palestra realizada no âmbito do tema Health 4Us. 20 Set 2019. MSD, Oeiras, Portugal.
- **Alho AM.** Parasitas nos gatos: a realidade Portuguesa. MSD Saúde Animal. (17 palestras)
20 de Março 2019 em Sintra, Hotel Tivoli Sintra;
26 de Março 2019 em Braga, Hotel Vila Galé Collection Braga;
27 de Março 2019 em Lisboa, Hotel Tivoli Oriente;
28 de Março 2019 em Abrantes, Luna Hotel Turismo Abrantes;
2 de Abril 2019 em Faro, Faro Hotel;
3 de Abril 2019 em Portimão, Hotel Tivoli Portimão;
9 de Abril 2019 no Porto, Bessa Hotel;
10 de Abril 2019 em Coimbra, Hotel Vila Galé Coimbra;
7 de Maio 2019 em Porto Alto, Companhia das Lezírias;
8 de Maio 2019 em Peniche, Hotel MH Peniche;
14 de Maio 2019 em Leiria, Palace Hotel Monte Real;
15 de Maio 2019 em Viseu, Pousada de Viseu;
21 de Maio 2019 em Lisboa, Hotel Vila Galé Ópera;
22 de Maio 2019 em Évora, Hotel Vila Galé Évora;
28 de Maio 2019 em Palmela, Pousada de Palmela;
29 de Maio 2019 em Vila Real, Hotel Mira Corgo;
25 de Junho 2019 em Funchal, Hotel Pestana Promenade.
- **Alho AM.** Seminário Parasitas Internos e Externos, da Teoria à Prática. 5 de Abril 2019. Faculdade de Medicina Veterinária, Universidade de Lisboa. MSD Academy Saúde Animal.

[2016]

- **Alho AM,** Madeira de Carvalho L. 50th Annual Meeting of the Austrian Society of Tropical Medicine (ÖGTPM), Parasitology and Migration Medicine “50 years ÖGTPM - changes and challenges”. Dirofilariosis, an overview and a multidisciplinary approach conducted in an European country. Keynote Lecture. 18 Nov 2016, Museum of Natural History, Vienna, Austria. Abstract book p. 30.
- **Alho AM.** *Dirofilaria immitis*, o quebra corações do cão e do gato (*Dirofilaria immitis*, the

heartbreaker of dog and cat). XL Jornadas Médico-Veterinárias da AEFMV. Faculdade de Medicina Veterinária, Universidade de Lisboa, 14 Oct 2016, Lisbon, Portugal.

- **Alho AM.** Dirofilariose em Portugal. Epidemiologia, diagnóstico e novas Guidelines terapêuticas (Epidemiology, diagnostic and new therapeutic guidelines). Hospital Veterinário de Aveiro, 30 Apr 2016, Aveiro, Portugal.

[2015]

- **Alho AM.** Dirofilariose em Portugal. Epidemiologia e novas guidelines terapêuticas. Hospital Veterinário das Laranjeiras, 10 Sep 2015, Lisbon, Portugal.
- **Alho AM.** Dirofilariose em Portugal. Epidemiologia e Novas Guidelines terapêuticas. *Bayer Saúde Animal Portugal*, 9 Apr 2015, Lisbon, Portugal.

[2014]

- **Alho AM.** Dirofilariose e potencial zoonótico. *V Congresso da Ordem dos Médicos Veterinários*, 29-30 Nov 2014, Lisbon, Portugal.
- **Alho AM.** Cistite Idiopática Felina e Enriquecimento Ambiental. *Ciclo de Palestras de Comportamento*. Faculdade de Medicina Veterinária da Universidade Lisboa, 28 Mar 2014, Lisbon, Portugal.
- **Alho AM.** O que mudar em casa para ter um gato mais saudável e feliz? *Petfestival*, Feira Internacional de Lisboa, Parque das Nações, 1 Feb 2014, Lisbon, Portugal.

[2013]

- **Alho AM.** Enriquecimento Ambiental como estratégia de tratamento e prevenção na Cistite Idiopática Felina. *XXXVII Jornadas Médico-Veterinárias da Associação de Estudantes da Faculdade de Medicina Veterinária da Universidade Lisboa*, Nov 16 2013, Lisbon, Portugal.

5.2 Oral Communications in International scientific meetings (n=29)

[2022]

- Resendes D, Crisóstomo E, Morais Vilaça I, Durão J, Guedes L, **Alho AM.** Dissecting the impact of rising temperatures in health – the Portuguese Public Health Perspective. Planetary Health Annual Meeting 2022, Oct 31 – Nov2. Boston, Massachusetts. Panel - Side event, 30 minutes, online presentation (*accepted*).

[2019]

- **Alho AM**, Matos B, Otero D, Carvalho I, Matos M, Owen S, Gomes L, Nunes T, **Madeira de Carvalho LM.** (2019). The Portuguese reality of gastrointestinal and lung parasites in cats. XXI Congreso de la Sociedad Española de Parasitología. Pontevedra, 3-5 Julio, 2019.

[2018]

- Madeira de Carvalho LM, Baptista C, **Alho AM**, Palomero A, Sánchez-Andrade R, Arias MS, Paz-Silva A, Sós E. (2018) Parasitic diseases in wild and feral equids: does it matter? VII FAUNA International Conference, 9-11 November 2018, FMV-ULisboa.

[2017]

- Madeira de Carvalho, LM, **Alho, AM.** Parasites of the Eurasian otter (*Lutra lutra*): a hot topic in Conservation Medicine. Proceedings VI Fauna International Conference. 10-12 Nov. 2017, Faculty of Veterinary Medicine, Lisbon, Portugal, Conference Proceedings pp. 35-48.
- **Madeira de Carvalho LM**, **Alho AM**, Cruz RM, Valderrábano E, Cazapal-Monteiro C, Arias MS, Sánchez-Andrade R, Paz-Silva A. Prospectors for the use of predatory fungi in the biological control of parasites in zoo and wild animals. *Infectious diseases, Zoonoses and the One health concept in zoo and wild animals*, 24-26 Mar 2017, Budapest, Hungary, pp. 10-16.

- Madeira de Carvalho LM, Alho AM. Wild mammals and birds as sentinel hosts of emerging parasites and naive immune (eco)systems. *Infectious diseases, Zoonoses and the One health concept in zoo and wild animals*, 24-26 Mar 2017, Budapest, Hungary, pp. 43-48.

[2016]

- Madeira de Carvalho LM, Alho AM, Marcelino I, Flanagan C, Silva N, Pessoa V, Escusa S, Rodrigues JP, Grilo M, Cruz R, Valderrábano E, Cazapal-Monteiro C, Arias MS, Sánchez-Andrade R, Correia J, Paz-Silva A. Parasites and zoonoses: major agents and new challenges for their control. *V Fauna International conference*, 11-13 Nov 2016, Faculty of Veterinary Medicine, Lisbon, Portugal. Extended Proceedings pp. 21-26.
- Alho AM, Genchi C, Madeira de Carvalho L, Rinaldi L. Mapping the current distribution of *Dirofilaria* spp. in Europe. *10th International Symposium on Geospatial Health, International Congress for Tropical Medicine and Malaria*, 17-22 Sep 2016, Brisbane, Australia.
- Alho AM, Vilhena H, Oliveira AC, Granada S, Lopes AP, Belo S, Madeira de Carvalho LM, Cardoso L. In search of *Dirofilaria immitis* in domestic dogs from Luanda. *Fifth European Dirofilaria and Angiostrongylus Days (FiEDAD)*, 11-13 Jul 2016, University of Veterinary Medicine, Vienna, Austria.
- Alho AM, Cortes H, Lopes AP, Vila-Viçosa MJ, Cardoso L, Belo S, Madeira de Carvalho L. Detection of *Dirofilaria immitis* antigen in red foxes (*Vulpes vulpes*) from Portugal. *Fifth European Dirofilaria and Angiostrongylus Days (FiEDAD)*, 11-13 Jul 2016, University of Veterinary Medicine, Vienna, Austria.
- Alho AM, Schnyder M, Schaper R, Meireles J, Belo S, Deplazes P, Madeira de Carvalho LM. Seroprevalence of circulating *Angiostrongylus vasorum* antigen and parasite-specific antibodies in dogs from Portugal. *4th Bayer Angiostrongylus Forum*, 12 Jul 2016, University of Veterinary Medicine, Vienna, Austria.
- Alho AM, Belo S, Deplazes P, Madeira de Carvalho L. Ecoepidemiology of *Dirofilaria* spp. and *Angiostrongylus vasorum* in Portugal. *European Veterinary Parasitology College Resident Forum*, 24 Jun 2016, Bari, Italy. Abstract book p. 146.
- Marcelino I, Flanagan C, Colella V, Silva N, Correia J, Latrofa MS, Otranto D, Madeira de Carvalho L, Alho AM. South African fur seal (*Arctocephalus pusillus pusillus*): a new host for *Dirofilaria immitis*. *XXIX Congress Società Italiana di Parassitologia (SOIPA) & European Veterinary Parasitology College - Parasites, poverty and social commitment*, 21-24 Jun 2016, Bari, Italy. Abstract book p. 35.
- Matos B, Alho AM, Madeira de Carvalho L. Survey of gastrointestinal and lung parasites in shelter cats from northwestern Portugal. *XXIX Congress Società Italiana di Parassitologia (SOIPA) & European Veterinary Parasitology College - Parasites, poverty and social commitment*, 21-24 Jun 2016, Bari, Italy. Abstract book p. 115.
- Alho AM, Reis Pereira C, Félix LB, Meireles J, Belo S, Madeira de Carvalho L. Canine vector borne diseases in shelters from the border regions of mainland Portugal. *3rd Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec)*, 24-26 May 2016, Zaragoza, Spain. Abstract book pp. 2-3.
- Marcelino I, Flanagan C, Silva N, Madeira de Carvalho L, Correia J, Alho AM. Five cases of *Dirofilaria immitis* natural infection in pinnipeds in a zoological context in Portugal. *44th Annual Symposium of the European Association for Aquatic Mammals*, 11-14 Mar 2016, Benidorm, Spain. Abstract book p. 17.

[2015]

- Alho AM, Cruz L, Coelho A, Martinho F, Gomes L, Annoscia G, Lia RP, Giannelli A, Otranto D, Madeira de Carvalho LM. First aberrant localization of *Onchocerca lupi* in a dog. *25th International Conference of the World Association for the Advancement of Veterinary*

Parasitology (WAAVP), 16-20 Aug 2015, Liverpool, UK. Ref: O061/0439. Abstract book p. 101.

- **Alho AM**, Verocai G, Demoner L, Brianti E, Lia RP, Dantas-Torres F, Otranto D. The III ParSCo (Parasitology Summer Course): a FantasTick parasitological experience in southern Italy. *25th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP)*, 16-20 Aug 2015, Liverpool, UK. Ref: O215/0441. Abstract book p. 255.
- Verocai G, **Alho AM**, Demoner L, Brianti E, Lia RP, Dantas-Torres F, Otranto D. The III ParSCo (Parasitology Summer Course): a FantasTick parasitological experience in southern Italy. *American Association of Veterinary Parasitologists (AAVP)*, 11-14 Jul 2015, Boston, MA, USA. Ref: 73. Abstract book, pp. 100-101.

[2014]

- **Alho AM**, Dias J. Posse responsável de animais de companhia. *Conferência Animais e o seu convívio com os seres humanos*, Campus Palmarejo da Universidade de Cabo Verde, 5 Nov 2014, Praia, Santiago.
- **Alho AM**, Fiarresga A, Landum M, Lima C, Gamboa O, Meireles J, Sales Luís J, Madeira de Carvalho L. An alternative method for mechanical removal of *Dirofilaria immitis* in dogs using a homemade snare. *Fourth European Dirofilaria and Angiostrongylus Days*, 2-4 Jul 2014, Budapest, Hungary, Abstract book p. 61.
- **Alho AM**, Gomes L, Pereira da Fonseca I, Meireles J, Madeira de Carvalho L. Canine filarioidosis in Lisbon, Portugal, over a 14-year period: prevalence, diagnosis and routine laboratory approaches. *Fourth European Dirofilaria and Angiostrongylus Days*, 2-4 Jul 2014, Budapest, Hungary, Abstract book p. 48.
- **Alho AM**, Nunes T, Rinaldi L, Meireles J, Belo S, Deplazes P, Madeira de Carvalho L. Transmission risk of Dirofilariosis in Portugal. *1st Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec)*, University of Agricultural Sciences and Veterinary Medicine, 8-11 Apr 2014, Cluj-Napoca, Romania. *Parasites & Vectors*, 7 (Suppl 1):O16.
- **Alho AM**, Schnyder M, Meireles J, Belo S, Deplazes P, Madeira de Carvalho L. Preliminary Results on the Seroprevalence of *Angiostrongylus vasorum* and co-infection with *Dirofilaria immitis* in shelter dogs from Portugal. *1st Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec)*, University of Agricultural Sciences and Veterinary Medicine, 8-11 Apr 2014, Cluj-Napoca, Romania. Proceedings: *Parasites & Vectors*, 7 (Suppl 1):O26.
- Madeira de Carvalho LM, **Alho AM**, Matos M, Sousa S, Miranda LM, Anastácio S, Meireles J, Otranto D, Belo S, Deplazes P. Helminthic CVBD and antiparasitic control measures in Portugal – recent updates. *CVBD9 World Forum Symposium, Expect the Unexpected*, 23-25 Mar 2014, Hotel Tivoli, Lisbon, Portugal. Book of Proceedings, pp. 114-115.

[2013]

- Madeira de Carvalho LM, **Alho AM**, Matos M, Sousa S, Miranda LM, Anastácio S, Otero D, Gomes L, Nunes T, Otranto D, Belo S, Deplazes P. Some emerging canine vector borne diseases and antiparasitic control measures in companion animals in Portugal – Recent updates. *XVIII Congreso de la Sociedad Española de Parasitología (SOCEPA)*, 17 – 20 Sep 2013, Las Palmas de Gran Canaria, Spain, Keynote - CL.3, Proceedings p. 100.
- Ferreira CC, Landum M, **Alho AM**, Afonso A, Calado M, Mauricio I, Meireles JS, Madeira de Carvalho L, Cunha C, Belo S. Advantages of molecular tools for the specific diagnosis of canine Dirofilariosis and other canine filarial nematodes in Portugal. *XVIII Congreso de la Sociedad Española de Parasitología (SOCEPA)*, 17–20 Sep 2013, Las Palmas de Gran Canaria, Spain, CO-DP2.1, Proceedings p. 90.

[2012]

- **Alho AM**, Landum M, Madeira de Carvalho L, Meireles J, Gonçalves L, Belo S. Updating the epidemiological status of canine dirofilariosis in Portugal - Preliminary results. *Third European Dirofilaria Days (TEDD)*, 21-22 Jun 2012, Parma, Italy. Proceedings p. 33.
- **Goncalves L**, Subtil A, Brites N, Rosario de Oliveira M, **Alho AM**, Meireles J, Madeira de Carvalho LM, Belo S. Bayesian Latent Class Models in Veterinary and Human Epidemiology. *Proceedings of 46th Scientific Meeting of the Italian Statistical Society*, 20-22 Jun 2012, Rome, Italy, pp. 1-8.

5.3 Oral Communications in National Scientific meetings (n=23)

[2018]

- **Madeira de Carvalho LM**, **Alho AM**. Raposas, carnívoros coabitantes e os seus parasitas numa perspectiva de medicina da conservação em Portugal. (Foxes, carnivorous cohabitants and their parasites from a conservation perspective medicine in Portugal). X Jornadas Veterinárias da Muralha, IV Jornadas Monte Selvagem, – Animais Selvagens. Évora, 3 - 4 Mar 2018.
- **Madeira de Carvalho LM**, Palomero A, **Alho AM**, Magalhães da Cruz R, Torres MI, Evangelista F, Valderrábano E, Cazapal-Monteiro C, Arias MS, Sánchez-Andrade R, Paz-Silva A. Profilaxia e controlo biológico das parasitoses em animais selvagens. (Prophylaxis and biological control of parasitic diseases in wild animals). X Jornadas Veterinárias da Muralha, IV Jornadas Monte Selvagem – Animais Selvagens. Évora, 3 - 4 Mar 2018.

[2016]

- **Madeira de Carvalho LM**, Otero D, Matos M, Ferreira A, **Alho AM**. Jardins, espaços públicos e áreas caninas: fontes de infestação e infeção parasitária para animais de companhia (gardens, public spaces and canine areas: sources of infestation and parasitic infection for companion animals). *7º Encontro de Formação da Ordem dos Médicos Veterinários (EFOMV)*, 26-27 Nov 2016, Lisbon, Portugal. Proceedings pp. 391-395.
- **Madeira de Carvalho LM**, Barbeito J, **Alho AM**. Humor no ensino universitário: imprudência ou competência pedagógica (Humor in University Teaching: recklessness or pedagogical competence). *XI Jornadas Pedagógicas Instituto Superior Técnico*, 15-16 Mar 2016, Lisbon, Portugal. Livro de abstracts pp.19-20.

[2015]

- **Carvalho I**, **Alho AM**, Gomes L, Fonseca MJ, Madeira de Carvalho L. Rastreo de parasitas gastro-intestinais e pulmonares em gatos de gatis nos distritos de Lisboa e Setúbal (Survey of gastrointestinal and pulmonary parasites in cats from shelters of Lisbon and Setúbal district). *VI Congresso da Ordem dos Médicos Veterinários*, 12-13 Dec 2015, Lisbon, Portugal.
- **Reis Pereira C**, **Alho AM**, Félix LB, Meireles J, Belo S, Madeira de Carvalho L. (Canine vector borne diseases in dogs from the border regions of mainland Portugal). Doenças caninas de transmissão vetorial em canis das regiões fronteiriças de norte a sul de Portugal continental. *VI Congresso da Ordem dos Médicos Veterinários*, 12-13 Dec 2015, Lisbon, Portugal.
- **Alho AM**. Ecoepidemiologia da Dirofilariose e Angiostrongilose em Portugal. *Seminário de Investigação*. Faculdade de Medicina Veterinária, Universidade de Lisboa, 9 Jun 2015, Lisbon, Portugal.
- **Madeira de Carvalho LM**, **Alho AM**, Belo S. Filarioses Zoonóticas Emergentes. Mesa-Redonda: Filarioses (Invited talk). *3º Congresso Nacional de Medicina Tropical - 1º Congresso Lusófono de Doenças Transmitidas por Vectores*, 20-21 Apr 2015, IHMT-UNL, Lisbon, Portugal, p.1.

[2014]

- **Alho AM**, Meireles J, Belo S, Madeira de Carvalho L. Dirofilariose e Potenciais co-infecções. Mesa-Redonda II: Dirofilariose – situação atual e perspetivas de controlo. *XVII Congresso Sociedade Portuguesa de Parasitologia*, Faculdade de Farmácia, 20-21 Nov 2014, Coimbra,

Portugal. *Acta Parasitológica Portuguesa* 2014, vol. 20 (1/2), pp. 107-108.

- **Alho AM**, Félix LB, Meireles J, Belo S, Madeira de Carvalho L. Parasitoses Gastrointestinais e cardiopulmonares em canídeos – estudo epidemiológico em cães de Portugal Continental. *XVII Congresso Sociedade Portuguesa de Parasitologia*, Faculdade de Farmácia, 20-21 Nov 2014, Coimbra, Portugal. *Acta Parasitológica Portuguesa* 2014, vol. 20 (1/2), pp. 122-123, C0-06.
- Otero D, Nijssse R, Gomes L, **Alho AM**, Overgaauw P, Hoek D, Madeira de Carvalho LM. Prevalência de ovos de *Toxocara* spp. no solo de parques públicos da área da Grande Lisboa, Portugal – Resultados preliminares. Portugal. *XVII Congresso Sociedade Portuguesa de Parasitologia*, Faculdade de Farmácia da Universidade de Coimbra, 20-21 Nov 2014, Coimbra, Portugal.
- Madeira de Carvalho LM, **Alho AM**, Meireles J, Belo S. Perfil epidemiológico da Dirofilariose animal em Portugal. Mesa-Redonda II: Dirofilariose – situação atual e perspectivas de controlo. *XVII Congresso Sociedade Portuguesa de Parasitologia*, Faculdade de Farmácia, 20-21 Nov 2014, Coimbra, Portugal. *Acta Parasitológica Portuguesa* 2014, vol. 20 (1/2), pp.103-104, C0-16.
- Lemos J, Maia C, Ferreira C, **Alho AM**, Campino L, Meireles J, Madeira de Carvalho L, Belo S. Prevalência e co-infecção por *Dirofilaria* spp. e *Leishmania infantum* em cães na região centro de Portugal. *XVII Congresso Sociedade Portuguesa de Parasitologia*, Faculdade de Farmácia, 20-21 Nov 2014, Coimbra, Portugal. *Acta Parasitológica Portuguesa* 2014, vol. 20 (1/2), pp.142-143.
- Melo-Franco B, Botelho M, Francisco P, Fernandes R, Gomes L, **Alho AM**, Madeira de Carvalho LM. Epidemiologia e controlo de helmintes intestinais em éguas e poldros Puro-Sangue Lusitano em regime de manejo extensivo no Ribatejo e no Baixo Alentejo. *V Congresso da Ordem dos Médicos Veterinários*, 29-30 Nov 2014, Lisbon, Portugal.
- Melo-Franco B, Botelho M, Francisco P, Fernandes R, Gomes L, **Alho AM**, Madeira de Carvalho LM. Epidemiologia do Parasitismo Gastrintestinal em Éguas e Poldros Puro-Sangue Lusitano em Regime de Maneio Extensivo no Ribatejo e no Baixo Alentejo (Portugal). *Livro de Resumos, VI Congresso da SPCV INIAV*, 3-5 Apr 2014, Oeiras, Portugal. Abstract book p. 107.

[2013]

- **Alho AM**, Landum M, Ferreira C, Meireles J, Gonçalves L, Madeira de Carvalho LM, Belo S. Prevalência da Dirofilariose canina na região centro de Portugal. *IV Encontro de Formação da Ordem dos Médicos Veterinários*, 30 Nov 2013, Lisboa, Portugal.
- Santos Matos M, **Alho AM**, Nunes T, Madeira de Carvalho LM. Hábitos de desparasitação externa em animais de companhia: Inquérito a proprietários de cães e gatos da região de Lisboa, Portugal. *IV Encontro de Formação da Ordem dos Médicos Veterinários*, 30 Nov 2013, Lisboa, Portugal.
- Santos Matos M, **Alho AM**, Nunes T, Madeira de Carvalho L. Hábitos de desparasitação interna em animais de companhia: Inquérito a proprietários de cães e gatos da região de Lisboa, Portugal. *IV Encontro de Formação da Ordem dos Médicos Veterinários*, 30 Nov 2013, Lisboa, Portugal.
- Valverde AJG, Guerra D, **Alho AM**, Minas M, Madeira de Carvalho L. Parasitismo gastrointestinal e pulmonar na raposa-vermelha (*Vulpes vulpes silacea*) no concelho de Elvas. *IV Encontro de Formação da Ordem dos Médicos Veterinários*, 30 Nov 2013, Lisboa, Portugal.
- Vidal R, **Alho AM**, Rocha H, Gomes L, Carneiro J, Madeira de Carvalho L. Rastreamento Nacional de Doenças Caninas de transmissão vectorial em canídeos com funções militares e policiais. *Congresso da APMVEAC*, 11-12 May 2013, Lisbon, Portugal. Proceedings p. 145.

[2012]

- **Alho AM**, Landum M, Meireles J, Gonçalves L, Belo S, Madeira de Carvalho L. Observação epidemiológica sazonal da Dirofilariose canina em regiões do centro sul de Portugal continental. *XVI Congresso Português de Parasitologia*, 29-30 Nov 2012, Lisbon, Portugal, *Acta Parasitológica Portuguesa*, pp. 130-131.
- **Landum M**, Ferreira CC, Calado M, **Alho AM**, Meireles JS, Madeira de Carvalho L, Cunha C, Belo S. *Wolbachia pipientis* em cães de Portugal infectados com *Dirofilaria immitis*. *XVI Congresso Português de Parasitologia*, 29-30 Nov 2012, Lisbon, Portugal, *Acta Parasitológica Portuguesa*, pp. 140-141.
- **Ferreira CC**, Landum M, Afonso A, Calado M, Cunha C, **Alho AM**, Meireles J, Madeira de Carvalho L, Belo S. Detecção e caracterização molecular de *Dirofilaria immitis* em cães de Portugal. *XVI Congresso Português de Parasitologia*, 29-30 Nov (2012), Lisbon, Portugal, *Acta Parasitológica Portuguesa*, pp. 154-155.

5.4 Poster Presentations in International Scientific meetings (n=28)

[2022]

- Vareda R, Valente J, **Alho AM**, Carmona A, Chaves D, Silva L, Ribeiro S, Paixão M, Leite A. Multisectoral approach to address female genital mutilation: a case study from Portugal. 15th European Public Health Conference 2022, 9-12 Nov 2022, Berlin, Germany.
- **Alho AM**, Vasconcelos R, Gomes B, Nunes AB. What do future public health doctors know about the One Health concept in Portugal? 15th European Public Health Conference 2022, 9-12 Nov 2022, Berlin, Germany.
- **Lima C**, Silva J, Santarém N, Cardoso L, **Alho AM**, Sylvain B, Cooper , Cordeiro da Silva A. Canine and feline *Leishmania* spp. infections in Qatar. Animal Leishmaniosis International Veterinary Event (ALIVE) 31 Mar - 2 Apr 2022, Málaga, Spain.

[2021]

- **Alho AM**, Ferreira PM, Clemente I, Grácio MA, Belo S. DF.17 - Human toxocariasis in Portugal – trends of a neglected zoonosis over the last decade (2010-2020). 14th Virtual European Public Health Conference, 10-12 Nov 2021, under the topic Climate change and health / Environment / Urban health (*accepted*).

[2018]

- **Alho AM**, Kayikci F, Shahi Barogh B, Rosa H, Tomás J, Rocha H, Madeira de Carvalho LM, Fuehrer HP. Equine piroplasmiasis by *Theileria equi* in military horses from Portugal. CIISA Congress “Exploring the boundaries of animal, veterinary and biomedical sciences”. 16-17 Nov 2018, Faculdade de Medicina Veterinária da Universidade de Lisboa, Portugal. Abstract book, Poster 72, pp 117.
- **Madeira de Carvalho LM**, **Alho AM**, Breuer H, Shahi Barogh B, Zित्रa C, Harl J, Caetano I, Brazio E, Mira M, Fuehrer HP. Hemoparasites of birds of prey and other avian hosts kept in a Wildlife Rehabilitation Center in Lisbon, Portugal. CIISA Congress “Exploring the boundaries of animal, veterinary and biomedical sciences”. 16-17 Nov 2018, Faculdade de Medicina Veterinária da Universidade de Lisboa, Portugal. Abstract book, Poster 89, pp 134.
- **Alho AM**, Lopes AP, Mesquita JR, Cordeiro da Silva A, Brancal H, Vilhena H, Duarte Correia J, Madeira de Carvalho L, Cardoso L, Schnyder M. Seroprevalence of *Aelurostrongylus abstrusus* in domestic cats from Portugal. *6th Dirofilaria and Angiostrongylus Days*, 6-7 Jul 2018, Belgrade, Serbia. Proceedings, Poster2, page 119.
- **Alho AM**, Lima C, Colella V, Madeira de Carvalho L, Otranto D, Cardoso L. Awareness of zoonotic diseases and parasite control practices: a survey of dog and cat owners in Qatar. *Joint*

meeting of the BSPP, ISP, BAVP and EVPC, 3-4 May 2018, Brussels, Belgium. Abstract book, page 56.

- **Alho AM**, Lima C, Latrofa MS, Colella V, Ravagnan S, Capelli G, Madeira de Carvalho L, Cardoso L, Otranto D. Molecular detection of vector-borne pathogens in dogs and cats from Qatar. *Joint meeting of the BSPP, ISP, BAVP and EVPC*, 3-4 May 2018, Brussels, Belgium. Abstract book, page 55.

[2017]

- Pires H, Matos A, Brida T, Lopes F, **Alho AM**, Martins M, Madeira de Carvalho LM. Parasitological survey in wild birds kept for rehabilitation in Central Eastern Portugal. Book of Abstracts, Xth International Symposium on Wild Fauna, 21-23 Sep 2017, Vila Real, Portugal, pp. 76
- Braga M, **Alho AM**, Gomes L, Nunes T, Madeira de Carvalho LM. Prevalence and seasonal variation of cardiovascular, hematic and gastrointestinal parasites in dogs from Beja district, southern Portugal. *4th Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec)*, 11-13 Sep, Crete, Greece. Abstract book p. 7.
- **Alho AM**, Lima C, Latrofa MS, Annoscia G, Colella V, Madeira de Carvalho L, Cardoso L, Otranto D. Molecular detection of *Leishmania* spp. in dogs and cats from Qatar. 6th World Congress on Leishmaniasis. 16-20 May, Toledo, Spain. Abstracts book p.1362.

[2016]

- **Alho AM**, Belo S, Meireles J, Cardoso L, Deplazes P, Madeira de Carvalho L. Detection of *Dirofilaria* spp. and *Angiostrongylus vasorum* in canids from Portugal. *European Scientific Counsel for Companion Animal Parasites (ESCCAP) meeting*, 19-20 Oct 2016, SEVC conference, Granada, Spain. Abstract booklet p. 16.
- Carvalho I, **Alho AM**, Correia JJ, Gomes L, Fonseca MJ, Madeira de Carvalho L. Gastrointestinal and lung parasites survey in shelter cats from Lisbon and Setúbal districts, Portugal. *International Society of Feline Medicine (ISFM) European Congress*, 29 Jun-3 Jul 2016, Malta. Proceedings of ISFM European Feline Congress, p. 179.
- **Alho AM**, Pita J, Amaro A, Amaro F, Schnyder M, Grimm F, Custódio AC, Cardoso L, Deplazes P, Madeira de Carvalho L. Seroprevalence of vector-borne pathogens and molecular detection of *Borrelia afzelii* in military dogs from Portugal. *CVBD11 Symposium, CVBD World Forum Bayer Animal Health*, 10-11 May 2016, Miami, USA. Proceedings p. 30.
- **Alho AM**, Silva J, Fonseca MJ, Santos F, Nunes C, Madeira de Carvalho L, Rodrigues M, Cardoso L. (2016). First report of *Cytauxzoon* sp. infection in a domestic cat from Portugal. *CVBD11 Symposium, CVBD World Forum, Bayer Animal Health*, 10-11 May 2016, Miami, USA. Symposium CVBD11 of CVBD World Forum. Proceedings p. 10.

[2015]

- Ferreira A, **Alho AM**, Otero D, Overgaauw PAM, Madeira de Carvalho LM. Owner behaviour and parasite risk factors in park-attending dogs: a public health concern? *II Congresso Iberoamericano de Epidemiologia e Saúde Pública*. 2-4 Sep 2015, Santiago de Compostela, Spain. *Gac Sanit.* 2015; 29(Spec Congr), p. 65.
- **Alho AM**, Mouro S, Pissarra H, Murta A, Lemos M, Gomes L, Lima C, Madeira de Carvalho LM. First report of *Eucoleus boehmi* in a dog from Portugal. *25th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP)*, 16-20 Aug 2015, Liverpool, UK. Ref: P1H117/0438. Abstract book p. 679.
- Ferreira A, **Alho AM**, Otero D, Gomes L, Nijssen R, Overgaauw P, Madeira de Carvalho LM. Canine faecal contamination and parasitic risk assessment in Lisbon dog parks. *25th International Conference of the World Association for the Advancement of Veterinary*

Parasitology (WAAVP), 16-20 Aug 2015, Liverpool, UK. Ref: P2E375/0437. Abstract book p. 605

- Melo-Franco B, Botelho M, Francisco P, Fernandes R, Gomes L, **Alho AM**, Madeira de Carvalho L. Epidemiology and control of intestinal helminths in two Lusitano horse stud farms in Center and South of Portugal. *25th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP)*, 16-20 Aug 2015, Liverpool, UK. Ref: 0654. Poster Number: P1B073. Abstract book p. 371.
- Lajas LM, **Alho AM**, Gomes L, Begg C, Begg K, Waiti E, Otranto D, Almeida V, Madeira de Carvalho LM. Gastrointestinal and respiratory parasites survey in wild lions from Niassa National Reserve, Mozambique – Preliminary results. *International Conference on Diseases of Zoo and Wild Animals*, 13-16 May 2015, Barcelona, Spain. *Proceedings of the International Conference on Diseases of Zoo and Wild Animals - Full paper*, pp. 151-154.
- **Alho AM**, Pita J, Schnyder M, Grimm F, Custódio AC, Deplazes P, Madeira de Carvalho L. Seroprevalence of canine vector-borne diseases in military working dogs in Portugal – National Survey. *2nd Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec)*, Izmir, Turkey, 31 Mar-2 Apr 2015. P02. Abstract book p.56.
- **Alho AM**, Madeira de Carvalho L, Iglésias L, Correia JJ. *Dirofilaria immitis*, a silent agent of pulmonary embolism and sudden death in a cat from Portugal. *2nd Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec)*, Izmir, Turkey, 31 Mar-2 Apr 2015. P25. Abstract book p. 81.

[2014]

- **Alho AM**, Schnyder M, Belo S, Deplazes P, Madeira de Carvalho L. Angiostrongylosis – current situation in Portugal. *Fourth European Dirofilaria and Angiostrongylus Days*, 2-4 Jul 2014, Budapest, Hungary. Abstract Book, p. 91.

[2013]

- Otero D, Nijse R, Gomes L, **Alho AM**, Overgaauw P, Hoek D, Madeira de Carvalho L. Soil Contamination with *Toxocara* spp. eggs in public parks of Lisbon, Portugal - Preliminary results). *XVIII Congreso de la Sociedad Española de Parasitología (SOCEPA)*, 17–20 Sep 2013, Las Palmas de Gran Canaria, Spain, P-ZO.10, Proceedings, p. 315.
- **Alho AM**, Landum M, Ferreira C, Meireles J, Gonçalves L, Madeira de Carvalho L, Belo S. Prevalence and seasonal variations on canine Dirofilariosis in Portugal. *Triennial Symposium of the American Heartworm Society*, 8-10 Sep 2013, New Orleans, LA, EUA, Poster 1, Proceedings p. 38.

[2012]

- **Alho AM**, Pontes JV, Pereira D, Rafael T, Seixas R. Adrenal Incidentaloma diagnosed as a Pheochromocytoma in a fifteen years old dog - An unexpected finding with deadly consequences. *47^o Congreso Nacional de AVEPA, Southern European Veterinary Congress (SEVC)*, 18-20 Oct 2012, Barcelona, Spain.
- Landum M, Ferreira CC, Calado M, **Alho AM**, Meireles JS, Madeira de Carvalho L, Cunha C, Belo S. First report of *Wolbachia pipientis* in dogs infected with *Dirofilaria immitis* in Portugal - Preliminary findings. *Third European Dirofilaria Days*, 21-22 Jun 2012, Parma, Italy, Proceedings p. 70.

5.5 Poster Presentations in National Scientific meetings (n=7)

[2022]

- **Alho A.M.** A urgente reformulação de Políticas de Saúde Pública para o duplo desafio da alimentação saudável e sustentável em Portugal. Congresso Associação de Estudantes da Escola Nacional de Saúde Pública - Future Public Health Summit 2022. 27-28 Apr, Reitoria da Universidade NOVA de Lisboa, Lisboa.

[2018]

- Costa JL, Alho AM, Gomes L, Eiras A, Nunes T, Vicente G, Lopes P, Madeira de Carvalho LM. A quimioterapia oncológica e os seus efeitos no parasitismo gastrointestinal do cão. 8º Encontro de Formação da Ordem dos Médicos Veterinários, 14-15 Apr, Lisbon, Portugal.

[2017]

- Alho AM, Meireles J, Cardoso L, Cortes H, Lopes AP, Vila-Viçosa MJ, Deplazes P, Belo S, Madeira de Carvalho L. Ecoepidemiologia da infeção por *Dirofilaria* spp. em Portugal. 4.º Congresso Nacional de Medicina Tropical e 1.º Encontro Lusófono de Sida, Tuberculose e Doenças Oportunistas, Instituto de Higiene e Medicina Tropical, 19-21 Apr, Lisbon, Portugal.

[2016]

- Carvalho I, Alho AM, Correia JJ, Madeira de Carvalho L. Três casos fatais de pneumonia verminosa em gatos domésticos por *Aelurostrongylus abstrusus* (Three fatal cases of verminous pneumonia in domestic cats by *Aelurostrongylus abstrusus*). 7º Encontro de Formação da Ordem dos Médicos Veterinários (EFOMV), 26-27 Nov 2016, Lisbon, Portugal. Proceedings p.460.
- Owen S, Alho AM, Madeira de Carvalho L. Primeiro restreio de parasitas cardiopulmonares e gastrointestinais em cães e gatos da região do Algarve utilizando a técnica de FLOTAC (First survey of cardiopulmonary and gastrointestinal parasites in dogs and cats from Algarve region using FLOTAC device). 7º Encontro de Formação da Ordem dos Médicos Veterinários (EFOMV), 26-27 Nov 2016, Lisbon, Portugal. Proceedings p.455.
- Marcelino I, Flanagan C, Silva N, Madeira de Carvalho L, Correia J, Alho AM. *Dirofilaria immitis* in South African fur seal (*Arctocephalus pusillus pusillus*): necropsy and histopathology findings observed in zoological context in Portugal. XXI Encontro da Sociedade Portuguesa de Patologia Animal (SPPA) - Patologia Veterinária: para além do diagnóstico de rotina, 20-21 May 2016, Lisbon, Portugal, p. 51. (Poster 14).

[2012]

- Alho AM, Veloso AR, Seixas R. Insulinoma, a challenge for the clinic veterinarians. Case Study. VIII Congresso do Hospital Veterinário Montenegro, 11-12 Fev 2012, Santa Maria da Feira, Portugal.

6. Academic Teaching

[2023]

- Alho AM. “One Health e Zoonoses”. Aula no âmbito da Unidade Curricular de Microbiologia e Parasitologia, 1ºSemestre do 1ºAno da Licenciatura em Enfermagem na Escola Superior de Enfermagem de Lisboa (ESEL), 11 Jan 2023 (2 horas, 360-380 alunos, presencial).

[2022]

- Alho AM. “One Health e doenças transmitidas pelo solo”. Palestra no *Post-graduation Course One Health* (Curso Pós-Graduado One Health - Saúde humana, Saúde animal e Saúde ambiental) by Instituto de Saúde Ambiental da Faculdade de Medicina da Universidade de Lisboa, Nov 2022, (1 hora, online).
- Alho AM. “One Health e Zoonoses”. Aula no âmbito da Unidade Curricular de Microbiologia e Parasitologia, 1ºSemestre do 1ºAno da Licenciatura em Enfermagem na Escola Superior de Enfermagem de Lisboa (ESEL), 13 Jan 2022 (2 horas, 360-380 alunos, online).

[2021]

- Alho AM. “Zoonoses vs. Animais Silvestres: o que nos reserva o futuro?”. Aula no âmbito da Opcional de Medicina dos Animais Silvestres e da Conservação do Mestrado Integrado em Medicina Veterinária, aos alunos do 5º ano, na Faculdade de Medicina Veterinária, Universidade de Lisboa, 15 Dez 2021, Lisboa, Portugal. (30 minutos, 45 alunos, presencial e

online).

- **Alho AM.** “Estudo de Caso – Toxocaríase” Aula na Unidade Curricular Zoonoses e Segurança Alimentar I, no *Mestrado “Uma Saúde: Saúde Pública Humana e Animal”* (<https://www.uevora.pt/estudar/cursos/mestrados?curso=2541>), 30 Out 2021, promovido pelo Departamento de Medicina Veterinária da Escola de Ciências e Tecnologia da Universidade de Évora em parceria com a *Universidade Nova de Lisboa* (3 horas, 12 alunos, presencial e online).

[2020]

- **Alho AM.** *Dirofilariose em Pinípedes (Dirofilariosis in Pinnipeds). Estudos de Caso. Opcional de Medicina dos Animais Silvestres e da conservação do Mestrado Integrado em Medicina Veterinária*, aos alunos do 5º ano. *Faculdade de Medicina Veterinária*, Universidade de Lisboa, 16 Dez 2020, Lisbon, Portugal (via zoom)

[2019]

- **Alho AM.** *Dirofilariose em Pinípedes (Dirofilariosis in Pinnipeds). Estudos de Caso. Opcional de Medicina dos Animais Silvestres e da conservação do Mestrado Integrado em Medicina Veterinária*, aos alunos do 5º ano. *Faculdade de Medicina Veterinária*, Universidade de Lisboa, 16 Dez 2019, Lisbon, Portugal.
- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Dirofilaria immitis* and *Angiostrongylus vasorum* in domestic and wild carnivores to the 2nd year students of the *Master of Veterinary Medicine*, in the scope of the curricular unit Parasitology II, 22 May 2019 (1 class, 1 hour), at *FMV-ULisboa*, Portugal.

[2018]

- **Alho AM.** Theoretical lecture and practical classes on the biology, epidemiology, diagnosis, treatment and prevention of *D. immitis* and *A. vasorum* in domestic and wild carnivores, to the 4th year students of the Master of Veterinary Medicine, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 26 and 28 Nov 2018 (4 classes, 8 hours), at *FMV-ULisboa*, Portugal.
- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Angiostrongylus vasorum*, *Capillaria plica*, *Crenosoma vulpis*, *Dirofilaria immitis*, *Eucoleus aerophilus*, *Eucoleus boehmi*, and *Filaroides osleri* to the 4th year students of the *Master of Veterinary Medicine – UTAD*, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 19 Nov 2018 (1 class, 1 hour), at the School of Agrarian and Veterinary Sciences, *University of Trás-os-Montes e Alto Douro*, Vila Real, Portugal.
- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Dirofilaria immitis* and *Angiostrongylus vasorum* in domestic and wild carnivores to the 2nd year students of the *Master of Veterinary Medicine*, in the scope of the curricular unit Parasitology II, 9 May 2018 (1 class, 1 hour), at *FMV-ULisboa*, Portugal.
- **Alho AM.** *Dirofilariose em Pinípedes (Dirofilariosis in Pinnipeds). Estudos de Caso 1. Opcional de Medicina dos Animais Silvestres e da Conservação do Mestrado Integrado em Medicina Veterinária*, aos alunos do 5º ano. *Faculdade de Medicina Veterinária*, Universidade de Lisboa, 10 Dez 2018, Lisbon, Portugal.
- **Alho AM.** *Dirofilariose em Pinípedes (Dirofilariosis in Pinnipeds). Estudos de Caso 1. Opcional de Medicina dos Animais Silvestres e da conservação do Mestrado Integrado em Medicina Veterinária*, aos alunos do 5º ano. *Faculdade de Medicina Veterinária*, Universidade de Lisboa, 19 Feb 2018, Lisbon, Portugal.

[2017]

- **Alho AM.** Theoretical lecture and practical classes on the biology, epidemiology, diagnosis, treatment and prevention of *D. immitis* and *A. vasorum* in domestic and wild carnivores, to the 4th year students of the Master of Veterinary Medicine, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 18 and 23 Oct 2017 (4 classes, 8 hours), at *FMV-*

ULisboa, Portugal.

- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Dirofilaria immitis* and *Angiostrongylus vasorum* in domestic and wild carnivores to the 2nd year students of the *Master of Veterinary Medicine*, in the scope of the curricular unit Parasitology II, 24 May 2017 (1 class, 1 hour), at *FMV-ULisboa*, Portugal.
- **Alho AM.** *Dirofilariose em Pinípedes (Dirofilariosis in Pinnipeds)*. Estudos de Caso 1. Opcional de Medicina dos Animais Silvestres e da conservação do Mestrado Integrado em Medicina Veterinária, aos alunos do 5^o ano. Faculdade de Medicina Veterinária, Universidade de Lisboa, 6 Dez 2017, Lisbon, Portugal.

[2016]

- **Alho AM.** Theoretical lecture and practical classes on the biology, epidemiology, diagnosis, treatment and prevention of *D. immitis* and *A. vasorum* in domestic and wild carnivores, to the 4th year students of the Master of Veterinary Medicine, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 7 and 9 Nov 2016 (4 classes, 8 hours), at *FMV-ULisboa*, Portugal.
- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Dirofilaria immitis* and *Angiostrongylus vasorum* in domestic and wild carnivores to the 2nd year students of the *Master of Veterinary Medicine*, in the scope of the curricular unit Parasitology II, 18 May 2016 (1 class, 1 hour), at *FMV-ULisboa*, Portugal.
- **Alho AM.** *Dirofilariose em Pinípedes (Dirofilariosis in Pinnipeds)*. Estudos de Caso 1. Opcional de Medicina dos Animais Silvestres e da conservação do Mestrado Integrado em Medicina Veterinária, aos alunos do 5^o ano. Faculdade de Medicina Veterinária, Universidade de Lisboa, 9 Dez 2016, Lisbon, Portugal.

[2015]

- **Alho AM.** Theoretical lecture and practical classes on the biology, epidemiology, diagnosis, treatment and prevention of *D. immitis* and *A. vasorum* in domestic and wild carnivores, to the 4th year students of the Master of Veterinary Medicine, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 30 Nov and 2 Dez 2015 (4 classes, 8 hours), at *FMV-ULisboa*, Portugal.
- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Dirofilaria immitis* and *Angiostrongylus vasorum* in domestic and wild carnivores to the 2nd year students of the *Master of Veterinary Medicine*, in the scope of the curricular unit Parasitology II, 13 May 2015 (1 class, 1 hour), at *FMV-ULisboa*, Portugal.

[2014]

- **Alho AM.** Theoretical lecture and practical classes on the biology, epidemiology, diagnosis, treatment and prevention of *D. immitis* and *A. vasorum* in domestic and wild carnivores, to the 4th year students of the Master of Veterinary Medicine, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 17 and 19 Nov 2014 (4 classes, 8 hours), at *FMV-ULisboa*, Portugal.
- **Alho AM.** Dias J. Lecture on "Responsible pet ownership and diseases with zoonotic potential," to the students of the 7th and 9th year of Abilio Duarte Secondary School (2 classes, 2 hours), Palmarejo, 8 November 2014, Praia, Santiago, Cape Verde.
- **Alho AM.** Dias J. Lecture on "Responsible pet ownership and Diseases with zoonotic potential," under the curricular unit of Epidemiology, 1st year of Nursing and the curricular unit of Immunology, 3rd year Course in Biological Sciences (2 classes, 4 hours), on University Campus of Palmarejo, 4-5 Nov 2014, Praia, Cape Verde.
- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Dirofilaria immitis* and *Angiostrongylus vasorum* in domestic and wild carnivores to the 2nd year students of the *Master of Veterinary Medicine*, in the scope of the curricular unit

Parasitology II, 19 May 2014 (1 class, 1 hour), at *FMV-ULisboa*, Portugal.

[2013]

- **Alho AM.** Theoretical lecture and practical classes on the biology, epidemiology, diagnosis, treatment and prevention of *D. immitis* and *A. vasorum* in domestic and wild carnivores, to the 4th year students of the Master of Veterinary Medicine, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 11 and 13 Nov 2013 (4 classes, 8 hours), at *FMV-ULisboa*, Portugal.
- **Alho AM.** Theoretical lecture on the biology, epidemiology, diagnosis, treatment and prevention of *Dirofilaria immitis* and *Angiostrongylus vasorum* in domestic and wild carnivores to the 2nd year students of the *Master of Veterinary Medicine*, in the scope of the curricular unit Parasitology II, 22 May 2013 (1 class, 1 hour), at *FMV-ULisboa*, Portugal.

[2012]

- **Alho AM.** Theoretical lecture and practical classes on the biology, epidemiology, diagnosis, treatment and prevention of *D. immitis* and *A. vasorum* in domestic and wild carnivores, to the 4th year students of the Master of Veterinary Medicine, in the scope of the curricular unit of Pathology and Clinic of Parasitic Diseases, 19 and 21 Nov 2012 (4 classes, 8 hours), at *FMV-ULisboa*, Portugal.
- From 2012 – 2016: Supported several students during their traineeship and preparation of their master's dissertation in Veterinary Medicine, at Faculdade de Medicina Veterinária, Universidade de ULisboa.

7. Advising Experience

[2020]

- Orientação da Dissertação do Mestrado Integrado em Medicina Veterinária pela Faculdade de Medicina veterinária da Universidade de Lisboa da candidata Maria Inês Teixeira Guimarães Pinheiro de Freitas, intitulada “Prevalência de Parasitas Gastrointestinais e Cardiorrespiratórios em Gatos Domésticos na Área Metropolitana de Lisboa”, 9 de Dezembro 2020, FMV-ULisboa, Lisbon, Portugal. <http://hdl.handle.net/10400.5/20964>; other-id: 202635848; other-id: Freitas MITGP 2020. Prevalência de parasitas gastrointestinais e cardiorrespiratórios em gatos domésticos na Área Metropolitana de Lisboa [dissertação de mestrado]. Lisboa: FMV-Universidade de Lisboa.

8. Reviewer Experience

8.1. Reviewer Experience – Thesis

[2017]

- Member of the Master Thesis jury in Medical Parasitology, Institute of Hygiene and Tropical Medicine (IHMT) Universidade Nova de Lisboa, by the student Mariquinhas António Domingos, under the topic “Diversidade genética e estrutura populacional doo nematode parasite *Dirofilaria immitis* em Portugal através do estudo de microsátélites”, 18 December 2017, 38 pp. Lisbon, Portugal.

8.2. Reviewer Experience – Scientific committees and Journals

[2022]

- Invited by Conselho Editorial da Acta Médica Portuguesa to integrate the journal's review board. Revisão de 1 artigo (Carta ao Editor com o ID# 18880) na revista Act Medica Portuguesa. August 2022.
- Revisão de 1 artigo (manuscript Number CRPVBD-D-22-00016) na revista Current Research in Parasitology & Vector-borne diseases. March 2022.

[2018]

- Scientific Committee (External reviewer) of the XIII Congresso da Associação Portuguesa de Epidemiologia (APE) and XXXVI Reunión Anual de la Sociedad Española de Epidemiología under the topic "Epidemiologia em um Contexto Global", 11-14 Dez 2018, Lisboa.
- Reviewer of a research grant proposal submitted to the National Science Centre, Poland (Narodowe Centrum Nauki - NCN; <http://www.ncn.gov.pl>). Funding scheme OPUS, "Distribution, genetic identity and zoonotic reservoir of *Dirofilaria spp.*, causative agents of human and canine dirofilariosis". April 2018.

[Since 2016]

- Referee for international peer-reviewed journals specialized in the field of Parasitology, such as *Parasites & Vectors* (2 articles in 2018; 2 article in 2017; 5 articles in 2016) and *Journal of Infection and Public Health* (1 article in 2018; 1 article in 2016) and *PLOS Neglected Tropical Diseases* (1 article in 2018).

[2016]

- Scientific Committee (External reviewer) of the XXXIV Scientific Meeting of the Spanish Epidemiology Association (Sociedade Espanhola de Epidemiologia) and XI Congress of the Portuguese Epidemiology Association (Associação Portuguesa de Epidemiologia), 14-16 Sep 2016, Sevilla, Spain.

9. Projects

[Jun 2022 – Dez 2023]

- Principal Investigator on the Project approved by Comissão de ética em Saúde da Administração Regional de Saúde de Lisboa e Vale do Tejo, intitulado: "Literacia em Saúde sobre o tema One Health/ Uma (só) Saúde" – conhecimento, percepções, crenças e atitudes dos estudantes de ensino superior em Portugal", com Ricardo R. Santos.

[Jun 2022 – Jun 2024]

- Principal Investigator on the Project approved by Comissão de Ética em Saúde da Administração Regional de Saúde de Lisboa e Vale do Tejo, intitulado: "One Health – Caracterização geográfica da situação epidemiológica de quatro doenças zoonóticas em Portugal: Brucelose, Equinococose/Hidatidose, Febre Q, Leptospirose", com Luís Cardoso, Ana Isabel Ribeiro, Telmo Nunes e Bernardo Mateiro Gomes.

[Mai 2022 – Jun 2023]

- Investigator on the Project approved by Comissão de Ética em Saúde da Administração Regional de Saúde de Lisboa e Vale do Tejo, intitulado: "Práticas Saudáveis: fim à Mutilação Genital Feminina" com Raquel Vareda,

[Jan 2017 – Nov 2017]

- Principal Investigator on the Internal Project of CIISA (INOV 5): "First national survey of gastrointestinal parasites infecting dogs, cats and wild carnivores in Portugal using FLOTAC", 2017, Faculty of Veterinary Medicine, Universidade de Lisboa, Portugal.

[Mar 2015 – Mar 2016]

- Participation in the International Project "Efficacy of a novel topical combination product containing eprinomectin (Broadline®) against feline lungworms: a multi-centric study, in the Laboratory of Parasitology and Parasitic Diseases of FMV-ULisboa, Portugal.

[Nov 2014]

- Project "Consciencializa Cabo Verde", Concurso de apoio a atividades dos docentes, investigadores e pessoal não docente da Universidade de Lisboa (Lisboa) 2014, decorrido na cidade de Santiago, Cabo Verde.

[Jul 2013]

- Project “Academia Lx 2013” in the category "Lisbon Cleanest City", with the scientific research project titled "Old Problems, New Solutions: Lisbon model of citizenship and innovation in the recovery of public spaces."

10. Awards and Grants

[2022]

- Selected for the fellowship program (EUPHANxt Fellowship Programme) for the 15th European Public Health Conference with the opportunity to receive mentoring session with prestigious public health specialists and be a co-author of an EUPHA report, 9-12 November 2022 in Berlin, Germany.
- Poster Honour at Congresso Associação de Estudantes da Escola Nacional de Saúde Pública - Future Public Health Summit 2022, 27-28 Abril, Reitoria da Universidade NOVA de Lisboa, Lisboa, with the poster “A urgente reformulação de Políticas de Saúde Pública para o duplo desafio da alimentação saudável e sustentável em Portugal” by Alho, AM.
- Best Poster Prize at the “Animal Leishmaniosis International Veterinary Event (ALIVE)” 31 Mar - 2 Apr 2022, Málaga, Spain with the poster entitled “Canine and feline Leishmania spp. infections in Qatar” by Lima C, Silva J, Santarém N, Cardoso L, Alho AM, Sylvain B, Cooper, Cordeiro da Silva A.
- Bolsa de formação “António Salgado”, financiada pelo Sindicato Independente dos Médicos, no valor de 115 euros atribuídos em Março de 2022 e novamente 115 euros atribuídos em Agosto de 2022 para frequentar o I Curso Pós-Graduado One Health - Saúde humana, Saúde animal e Saúde ambiental”, organizado pelo Instituto de Saúde Ambiental da Faculdade de Medicina da Universidade de Lisboa, em formato de videoconferência, de Novembro 2021 a Abril 2022.

[2021]

- Bolsa de formação “Miguel Cabral”, financiada pelo Sindicato Independente dos Médicos, no valor de 140 euros atribuídos em Outubro de 2021 para frequentar o Curso “*Geographic Information Systems for Public Health*” by Instituto de Saúde Pública da Universidade do Porto (ISPUP), intensive course (online), 5-20 Nov 2021.

[2017]

- Louisiana State University Travel Award Fund 2017, *26th International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP)*, 4-8 September 2017.

[2016]

- 2nd Prize awarded by at *7º Encontro de Formação da Ordem dos Médicos Veterinários (EFOMV)*, 26-27 Nov 2016, for the best Poster entitled “Primeiro rastreio de parasitas cardiopulmonares e gastrointestinais em cães e gatos da região do Algarve utilizando a técnica de FLOTAC (First survey of cardiopulmonary and gastrointestinal parasites in dogs and cats from Algarve region using FLOTAC device)”, by Owen S, Alho AM, Madeira de Carvalho L.

[2015]

- Training School on Vector-borne diseases and One Health Grant 2015, awarded by the Management Committee of the COST Action European Cooperation in Science and Technology (reference TD1303).

[2014]

- Honourable Mention awarded by Bayer Animal Health 2014, in the area of companion animals, with the manuscript entitled “*Angiostrongylus vasorum*, o quebra-corações do cão e o quebra-cabeças do Veterinário.”

[2012]

- Short Term Scientific Mission Grant 2014, awarded by the Management Committee of the

COST Action European Cooperation in Science and Technology (reference TD1303).

- Honourable Mention awarded by Bayer Animal Health 2012, in the area of companion animals, with the manuscript entitled "Canine and Feline Heartworm: Portrait of an epidemic announced in Portugal".

[2010]

- 1st Prize awarded by Bayer Animal Health 2010, in the area of companion animals, with the manuscript entitled "Canine Vector Borne Diseases - a sting with many consequences".

[2009]

- 1st Prize awarded Bayer Animal Health 2009, in the area of companion animals, with the manuscript entitled "Larval stages of helminths - the strongest link in deworming dogs and cats".

11. Patents

- National Register at the National Institute of Industrial Property (INPI) with the brand "Cãotentor" - a design city container for canine feces (No. 20131000058145, code 0599), Aug 2013. Authors: Ana Margarida Alho, David Otero, Luis Ramos, Luis Madeira de Carvalho.

12. Interviews/ Sensitization Campaigns

[2016]

- Pita J. (2016). Colaboração do efectivo cinotécnico da Guarda Nacional Republicana num estudo da Faculdade de Medicina Veterinária, Universidade de Lisboa. *Revista Mais Alto*, Força Aérea Portuguesa.
- **Alho AM** (2016). Leishmaniose: os desafios de uma doença para a qual há uma nova vacina (Leishmaniosis: the challenges of a disease for which there is a new vaccine). *Revista Veterinária Atual*, 95, pp. 12-16.
- **Alho AM** (2016). Maio, mês do coração animal: há doenças parasitárias cardiopulmonares potencialmente fatais (May, month of the animal heart: potentially fatal cardiopulmonary parasitic diseases). SIC Notícias - Live TV channel interview, 11 May. Lisbon, Portugal. Available at: <http://sicnoticias.sapo.pt/programas/edicaodamanha/2016-05-11-Mes-do-coracao-animal-ha-doencas-parasitarias-cardiopulmonares-potencialmente-fatais>
- **Alho AM** (2016). Dirofilariose e angiostrongilose (Dirofilariosis and angiostrongylosis). Programa "Querida Júlia", SIC - Live TV channel interview, 6 May. Lisbon, Portugal. Available at: <https://www.youtube.com/watch?v=QAi62hg7Oxg>

[2015]

- **Alho AM**, Matos M, Owen S, Nunes T, Madeira de Carvalho L. (2015). Práticas de desparasitação em animais de companhia em Portugal (Deworming practices in pet animals in Portugal). *Revista Veterinária Atual*, 88, pp. 10-12.
- **Alho AM** (2015). Dirofilariose (Dirofilariosis). SIC Notícias - Live TV channel interview, 20 May. Lisbon, Portugal. Available at: <http://sicnoticias.sapo.pt/programas/edicaodamanha/2015-05-21-Mes-do-coracao-chega-aos-animais>
- **Alho AM**, Dias J (2015). Projecto de Voluntariado "Consciencializa Cabo Verde" (Volunteer Project "Empowers Cape Verde"). *Revista Veterinária Atual*, 81, pp. 40-41.

13. Member of National and International Associations

[Since 2022]

- 10/01/22 Member of Mesa da Assembleia Geral da Associação Nacional de Médicos de Saúde Pública 2022-2024, Lista P.

[Since Feb 2021]

- Member of Associação Nacional de Médicos de Saúde Pública – N° de sócia 2709.

[Since Set 2021]

- Member of Núcleo de Investigação ACES Lisboa Norte.

[Since Set 2020]

- Member of Sindicato Independente dos Médicos (SIM)– N° de sócia 10187.

[Since 2019]

- Member of Ordem dos Médicos (Portugal) – N° de sócia 68050.
- Portuguese Ambassador of the European Society for Dirofilaria and Angiostrongylus (ESDA).

[Since 2018-2022]

- Portuguese ambassador of the European Society for Dirofilaria and Angiostrongylus (ESDA)

[Since 2017]

- Member of the Portuguese Veterinarians without Borders (Veterinários Sem Fronteiras – Portugal).

[Since 2014]

- Member of World Association for the Advancement of Veterinary Parasitology (WAAVP).

[Since 2012]

- Member of the European Scientific Counsel Companion Animal Parasites (ESCAAP) – Portugal and member of the Portuguese Society of Parasitology.

[2009-2010]

- Member of the Scientific Department of the Student Association of the Faculty of Veterinary Medicine, responsible for the organization of the XXXIII Conference and for the Centenary edition of the Journal of the Student Association of the Faculty of Veterinary Medicine.

14. Other Qualifications

[2021]

- Carta de Navegador de Recreio, para embarcações de recreio sem limite de comprimento ou potência em navegação até 6 milhas da costa e 25 milhas de um porto de abrigo. Operador Radiotelefonista Classe A (VHF) - No. PT2021OCNR004538401.

[2016]

- Student representative in the Scientific Committee of the Doctoral students in Veterinary Sciences.

[2008 - 2010]

- Advanced English course at Wall Street Institute of Campo Grande in Lisbon

[2004 – 2005]

- Intensive Spanish course in the Spanish Language Institute in Lisbon

[2001 – 2004]

- Completion of High School in Rainha Dona Amélia Lisbon (Portugal), with the final grade of 18 (0- 20)

[1997 – 2008]

- Started violin studies at the age of 11 and has integrated the orchestra “Os Violinhos” with several national and international performances namely in Austria, Czech Republic,

Denmark, Italy, Norway, Sweden, Switzerland and USA, with concerts in Chicago, Florence, Prague, Salzburg, Vienna, Copenhagen, Stockholm, Oslo. Participated in numerous concerts of chamber music promoted by the Lisbon Metropolitan Orchestra. Violin Honorary Award by the artistic and musical direction of the group “Os Violinhos”. Obtained the 7th Grade of the National Conservatory of Lisbon with violin.

15. Personal skills and competences

	Comprehension		Conversation				Writing	
	Oral comprehension		Reading		Oral interaction		Oral production	
English	C1	Advanced	C2	Advanced	C1	Advanced	C1	Advanced
Spanish	C1	Advanced	C2	Advanced	C1	Advanced	C1	Advanced
French	A2	Basic	B2	Independent	A2	Basic	A2	Basic
Italian	A2	Basic	B2	Independent	A2	Basic	A2	Basic

(*) Nível do Quadro Europeu Comum de Referência (CECR)