

# *Curriculum Vitae*

## **Patrícia Carla Simões Abrantes**

<b>Place and date of birth</b>	Lisbon, 19th February 1976
<b>Nationality</b>	Portuguese
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### **I. EDUCATION AND QUALIFICATIONS**

#### **1. Academic Formation**

PhD in Biomedical Sciences, specialty of Parasitology by the Instituto de Higiene e Medicina Tropical/Universidade Nova de Lisboa. November 2007.

THESIS: Efeito da Cloroquina na modulação da resposta do mosquito vector à infecção por *Plasmodium*.

MONOGRAPH DISSERTATION FOR PHD PUBLIC DEFENSE: Impacte das Alterações Climáticas na Europa: efeito nas doenças parasitárias que afectam o Homem.

Graduation in Biology (5 years undergraduate program), Faculdade de Ciências da Universidade de Lisboa, Portugal. December 2000.

THESIS: Caracterização da estrutura genética de quatro populações de *Columba palumbus*, através da análise de microssatélites (Estágio 18 valores).

#### **2. Other qualifications**

Accreditation to the practice of animal experimentation (DGV). VII<sup>o</sup> Course on Laboratory Animal Science. CIISA/Faculdade de Medicina Veterinária, Universidade Técnica de Lisboa and *Department of Laboratory Animal Science, Utrecht University* (100h). April 2008.

1<sup>o</sup> and 2<sup>o</sup> levels of Portuguese Gestual Language (84 and 120 hours). Associação de Surdos de Lisboa. 1996/1997 and 1997/1998.

### **II. CURRENT POSITION**

**Since May 2023** - Senior Technician at Instituto de Higiene e Medicina Tropical, UNL, responsible for the Quality Department.

**Since September 2023** - Invited Assistant Professor (partial-time) at Instituto de Higiene e Medicina Tropical, UNL.

### **III. PREVIOUS ACTIVITY**

**November 2022 - April 2023** - Senior Technician at Instituto de Higiene e Medicina Tropical, UNL, responsible for the management of CLIMOS project funded by European Union and coordinated by UNL.

**September 2022 - July 2023**- Invited Assistant Professor (partial-time) at Instituto de Higiene e Medicina Tropical, UNL.

**December 2021 - July 2022**- Invited Assistant Professor (partial-time) at Instituto de Higiene e Medicina Tropical, UNL.

**June 2019 – November 2021**- Contracted Researcher at GHTM, Instituto de Higiene e Medicina Tropical, UNL, in the project “BIOSAFE – Preventing antimicrobial resistance in the community: the safe use of biocides” (LISBOA-01-0145-FEDER-030713). Supervision of Prof. Isabel Couto.

**October 2016 – May 2019-** Post-doctoral fellow at GHTM, Instituto de Higiene e Medicina Tropical, UNL, responsible for the coordination of Bioinformatic facility (GHTM UID/Multi/04413/2013). Supervision of Prof. Miguel Viveiros.

**Feb. 2016 – September 2016-** Research scientist in the project "HIV in migrant populations", NOVA SAÚDE/Reitoria, Instituto de Higiene e Medicina Tropical, and FCT/NOVA BSE. Supervision of Prof. Sónia Dias (IHMT) and Prof. Isabel Gomes (FCT-UNL).

**Feb. 2015 – July 2015-** Post-doctoral fellow at Instituto de Medicina Molecular, Faculdade de Medicina, Lisbon in the project "Patients as Health Care Innovators: An Empirical Investigation of Treatment, Therapies and Medical Devices (TT&MD) developed by Patients of Chronic Diseases (Grant IMM/BPD/95-2014). Supervision of Prof. Sofia Oliveira.

**2009-** Adjunct Professor at the School of Tourism and Maritime Technology, Polytechnic Institute of Leiria. Responsible for teaching "Molecular Biology", "Molecular Genetics" and "Bioinformatics" curricular units.

**Jan. 2008 – January 2015-** Post-doctoral fellow at the Instituto de Medicina Molecular, Faculdade de Medicina, Lisbon with the project "Genetics of Intracranial Aneurysms: from animal model to humans" (FCT grant SFRH/BPD/35737/2007). Supervision of Prof. António Jacinto and Prof. Sofia Oliveira.

**Mar. 2002 - November 2007-** PhD student in Biomedical Sciences with the project "Effect of chloroquine on the modulation of mosquito immune response to *Plasmodium* infection (FCT grant SFRH/BD/6346/2001), under the supervision of Prof. Henrique Silveira. Centre for Malaria & Other Tropical Diseases/Instituto de Higiene e Medicina Tropical.

**May 2001 - March 2002-** Research Fellow at the Centre for Malaria & Other Tropical Diseases/ Instituto de Higiene e Medicina Tropical in the project "*Plasmodium* gene expression during the sporogonic development in the mosquito vector: effect of specific antibodies and anti-malarial drugs" (grant ref 35815/99).

**Sep. 1999 - December 2000-** Professional trainee from the last year of graduation in Biology with the project: "Characterization of genetic structure of four populations of *Columba palumbus*, using microsatellite analyses" (final grade of 18 out of 20).

#### **IV. PROFESSIONAL AND TECHNICAL SKILLS**

- Writing and submission of proposals in competitive calls
- Project performance evaluation and reporting experience
- Creation and maintenance of websites for science communication: web (Markup languages)- html and css e.g. <http://biosafe.ihmt.unl.pt/> , <https://amrsummerschool22.wixsite.com/amr22>
- Database management: sqlite, SPSS Statistics
- Proficient in MS Office: Spreadsheet analyses, powerpoint presentations, reports in word
- Programming languages: Python, R and Linux - Bioinformatics analyses; statistical analysis of big databases
- Establishment, organization and analysis of human biological banks e.g., creation of the first biobanks of Portuguese cases with Intracranial aneurysms and Familiar trios with cleft lip/palate
- Experience on genomic analyses: Microarrays, RNA-seq, GWAS, WGS
- Experience on animal infection models: mosquitoes, zebrafish and mice
- Microinjection of mosquitoes and zebrafish
- Laboratorial diagnosis of malaria
- Molecular biology

#### **V. SCIENTIFIC RESEARCH**

##### **1. Area of scientific research**

Application of bioinformatic and statistical tools for NGS data analysis, environment and host-microbiome interactions and identification of genetic risk factors associated with human diseases.

## 2. Participation in R&D Projects

### A. As PI (n=1):

1. "Genetics of Intracranial aneurysms" (SFRH/BPD/35737/2007). IMM Lisboa. PI: Patrícia Abrantes | co-PIs: António Jacinto, Sofia Oliveira. 2008 – 2015.

### B. As co-PI (n=1):

1. "Genetics of Nonsyndromic cleft lip and palate", financed by FCT (PTDC/SAU-GMG/101537/2008). IMM Lisboa. PI: António Jacinto | co-PI: Patrícia Abrantes. 2010 – 2013.

### C. As team member (n=7):

7. "BIOSAFE – Preventing antimicrobial resistance in the community: the safe use of biocides", financed by Portugal 2020, FEDER/FCT (LISBOA-01-0145-FEDER-030713). IHMT. PI: Isabel Couto. 2018 – 2021.

6. "Micro-OPV: Effects of oral polio vaccine campaigns on infants' respiratory and gut microbiome in Guinea-Bissau", financed by IHMT. IHMT. PI: Miguel Lanaspá. 2018 – 2019.

5. "HIV in migrant populations", NOVA Saúde/Reitoria, IHMT/FCT-NOVA/NOVA BSE. PI: Sónia Dias | co-PI: Isabel Gomes. Feb. 2016 - October 2016.

4. "Patients as Health Care Innovators: An Empirical Investigation of Treatment, Therapies and Medical Devices (TT&MD) developed by Patients of Chronic Diseases" (Grant IMM/BPD/95-2014). IMM Lisboa. PI: Pedro Oliveira. Feb. 2015 – July 2015.

3. "Primary Spontaneous Pneumothorax (PSP) Genetics and Genomics", financed by the Portuguese Society of Pneumology. IMM Lisboa. PI: Salvato Feijó. 2008 –2015. Robalo Cordeiro SPP/GSK 2013 Award.

2. "Effect of chloroquine on the modulation of the mosquito vector response to Plasmodium infection", financed by FCT (POCTI/MGI/344905/2002). IHMT. PI: Henrique Silveira. 2003 – 2006.

1. "*Plasmodium* gene expression during the sporogonic development in the mosquito vector: effect of specific antibodies and antimalarial drugs", financed by FCT (POCTI/MGI/35815/2000). IHMT. PI: Henrique Silveira. 2001 – 2004.

## 3. Published work

### A. Papers in international scientific periodicals with referees (n=22)

22. Balau A, Sobral D, **Abrantes P**, Santos I, Mixão V, Gomes JP, Antunes S, Arez AP. (2023). Differential Gene Expression of Malaria Parasite in Response to Red Blood Cell-Specific Glycolytic Intermediate 2,3-Diphosphoglycerate (2,3-DPG). *Int J Mol Sci*. Nov 28;24(23):16869. doi: 10.3390/ijms242316869.

21. Morais C, Costa SS, Leal M, Ramos B, Andrade M, Ferreira C, **Abrantes P**, Pomba C, Couto I. (2023). Genetic diversity and antimicrobial resistance profiles of *Staphylococcus pseudintermedius* associated with skin and soft-tissue infections in companion animals in Lisbon, Portugal. *Front Microbiol*. Apr 17;14:1167834. doi: 10.3389/fmicb.2023.1167834.

20. Leal M, Morais C, Ramos B, Pomba C, **Abrantes P**, Costa SS, Couto I. (2023). Exploring Efflux as a Mechanism of Reduced Susceptibility towards Biocides and Fluoroquinolones in *Staphylococcus pseudintermedius*. *Animals (Basel)*. Apr 6;13(7):1270. doi: 10.3390/ani13071270.

19. Ferreira C\*, **Abrantes P\***, Costa SS, Viveiros M, Couto I. (2022). Occurrence and Variability of the Efflux Pump Gene *norA* across the *Staphylococcus* Genus. *Int J Mol Sci*. Dec 4;23(23):15306. doi: 10.3390/ijms232315306.

\*These authors contributed equally to this work.

18. Andrade M, Oliveira K, Morais C, **Abrantes P**, Pomba C, Rosato AE, Couto I, Costa SS. (2022). Virulence Potential of Biofilm-Producing *Staphylococcus pseudintermedius*, *Staphylococcus aureus* and *Staphylococcus coagulans* Causing Skin Infections in Companion Animals. *Antibiotics (Basel)*. Sep 30;11(10):1339. doi: 10.3390/antibiotics11101339.

17. Medeiros MM, Ingham AC, Pedersen AM, Correia C, Stegger M, Andersen PS, Fisker AB, Benn CS, Lanaspá M, Silveira H, **Abrantes P**. (2022). Oral polio revaccination is associated with changes in gut and upper respiratory microbiomes of infants. *Front Microbiol*. Oct 28;13:1016220. doi: 10.3389/fmicb.2022.1016220.

16. Costa SS, Ferreira C, Ribeiro R, Feßler AT, Schink A, Kadlec K, Kaspar H, Amaro A, Albuquerque T, **Abrantes P**, Morais C, Pomba C, Schwarz S, Couto I. (2021). Proposal of epidemiological cut-off values for apramycin 15 µg and florfenicol 30 µg disks applicable to *Staphylococcus aureus*. *Microbial Drug Resistance* May 5. doi: 10.1089/mdr.2020.0402. [IF(2020):3.431; Q1].
15. Dias S, Gama A\*, **Abrantes P\***, Gomes I, Fonseca M, Reigado V, Simões D, Carreiras E, Mora C, Ferreira AP, Akpogheneta O, Martins MO. Patterns of sexual risk behavior, HIV infection and use of health services among sub-Saharan African migrants in Portugal (2020). *Journal of Sex Research* 57(7): 906-913. doi: 10.1080/00224499.2019.1601154. [IF(2017)=2.921; Q1].  
\*shared second co-authorship
14. Santana R, Oliveira M, Cabral I, Celso R, Sousa D, Ferreira L, Lacerda M, Monteiro W, **Abrantes P**, Guerra MG, Silveira H. (2019). *Anopheles aquasalis* transcriptome reveals autophagic responses to *Plasmodium vivax* midgut invasion. *Parasite and vectors* 12, 261. doi: 10.1186/s13071-019-3506-8. [IF(2017):3.163; Q1].
13. Valdes-Marquez E, Parish S, Clarke R, Stari T, Worrall BB; METASTROKE Consortium of the ISGC, Hopewell JC. (2019). Relative effects of LDL-C on ischemic stroke and coronary disease: A Mendelian randomization study. *Neurology* 12;92(11):e1176-e1187. doi: 10.1212/WNL.0000000000007091. (member of the METASTROKE Collaboration). [IF(2017):8.055;Q1].
12. Chauhan G, Adams HHH, Satizabal CL, et al. (2019). Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. *Neurology*, 92(5). doi: 10.1212/WNL.0000000000006851 (member of the METASTROKE Collaboration). [IF(2017):8.055;Q1].
11. Rannikmäe K, Sivakumaran V, Millar H, Malik R, Anderson CD, Chong M, Dave T, Falcone GJ, Fernandez-Cadenas I, Jimenez-Conde J, Lindgren A, Montaner J, O'Donnell M, Paré G, Radmanesh F, Rost NS, Slowik A, Söderholm M, Traylor M, Pulit SL, Seshadri S, Worrall BB, Woo D, Markus HS, Mitchell BD, Dichgans M, Rosand J, Sudlow CLM; Stroke Genetics Network (SiGN), METASTROKE Collaboration, and International Stroke Genetics Consortium (ISGC). (2017). COL4A2 is associated with lacunar ischemic stroke and deep ICH: Meta-analyses among 21,500 cases and 40,600 controls. *Neurology*, 89(17):1829-1839 (member of the METASTROKE Collaboration). [IF(2017):8.055; Q1].
10. Matos M, Xavier JM, **Abrantes P**, Sousa I, Rei N, Davatchi F, Shahram F, Jesus G, Barcelos F, Vedes J, Salgado M, Abdollahi BS, Nadji A, Moraes-Fontes MF, Shafiee NM, Ghaderibarmi F, Vaz Patto J, Crespo J, Oliveira SA. (2017). IL10 low-frequency variants in Behçet's disease patients. *Int J Rheum Dis.*, 20(5): 622-627. [IF(2017):2.423; Q2].
9. **Abrantes P**, Rosa A, Francisco V, Sousa I, Xavier JM, Oliveira SA. (2016). Mitochondrial genome association study with peripheral arterial disease and venous thromboembolism. *Atherosclerosis*, 252: 97-105. [IF(2017):4.467; Q1].
8. Sousa I, **Abrantes P**, Francisco V, Teixeira G, Monteiro M, Neves J, Norte A, Robalo Cordeiro C, Moura E Sá J, Reis E, Santos P, Oliveira M, Sousa S, Fradinho M, Malheiro F, Negrão L, Feijó S, Oliveira SA. (2016). Multicentric Genome-Wide Association Study for Primary Spontaneous Pneumothorax. *PLoS One*, 11(5): e0156103. [IF(2017):2.766; Q1].
7. Rosa A, **Abrantes P**, Sousa I, Francisco V, Santos P, Francisco D, Xavier JM, Oliveira SA. (2016). Ulcerative Colitis Is Under Dual (Mitochondrial and Nuclear) Genetic Control. *Inflamm Bowel Dis.*, 22(4): 774-81. [IF(2017):4.347; Q1].
6. Malik R, Traylor M, Pulit SL, Bevan S, Hopewell JC, Holliday EG, Zhao W, **Abrantes P**, Amouyel P, Attia JR, Battey TW, Berger K, Boncoraglio GB, Chauhan G, Cheng YC, Chen WM, Clarke R, Cotlarciuc I, Dobbie S, Falcone GJ, Ferro JM, Gamble DM, Ilinca A, Kittner SJ, Kourkoulis CE, Lemmens R, Levi CR, Lichtner P, Lindgren A, Liu J, Meschia JF, Mitchell BD, Oliveira SA, Pera J, Reiner AP, Rothwell PM, Sharma P, Slowik A, Sudlow CL, Tatlisumak T, Thijs V, Vicente AM, Woo D, Seshadri S, Saleheen D, Rosand J, Markus HS, Worrall BB, Dichgans M; ISGC Analysis Group.; METASTROKE collaboration.; Wellcome Trust Case Control Consortium 2 (WTCCC2).; NINDS Stroke Genetics Network (SiGN). (2016). Low-frequency and common genetic variation in ischemic stroke: The METASTROKE collaboration. *Neurology*, 86(13):1217-26. [IF(2017):8.055;Q1].
5. **Abrantes P**, Santos MM, Sousa I, Xavier JM, Francisco V, Krug T, Sobral J, Matos M, Martins M, Jacinto A, Coiteiro D, Oliveira SA. (2015). Genetic Variants Underlying Risk of Intracranial Aneurysms: Insights from a GWAS in Portugal. *PLoSOne*,10(7):e0133422. [IF(2017):2.766;Q1].
4. **Abrantes P**, Dimopoulos G, Grosso AR, Do Rosário VE, Silveira H. (2008). Chloroquine mediated modulation of *Anopheles gambiae* gene expression. *PLoS One*, 2;3(7):e2587. [IF(2017):2.766; Q1].

3. Silveira H, Ramos S, **Abrantes P**, Lopes LF, Do Rosário VE, Abrahamsen MS. (2007). Effect of chloroquine on gene expression of *Plasmodium yoelii nigeriensis* during sporogonic development in the mosquito vector. *Malaria Journal*, 6(1): 84. [IF(2017):2.845; Q1].
2. Lopes LF, **Abrantes P**, Silva P, Do Rosário VE, Silveira H. (2007). *Plasmodium yoelii*: The effect of second blood meal and anti-sporozoite antibodies on development and gene expression in the mosquito vector, *Anopheles stephensi*. *Exp Parasitol.*, 115(3): 259-269. [IF(2017):1.821; Q2].
1. **Abrantes P**, Lopes LF, Do Rosário VE, Silveira H. (2005). Effect of chloroquine on the expression of genes involved in the mosquito immune response to *Plasmodium* infection. *Insect Biochemistry and Molecular Biology*, 35: 1124-1132. [IF(2017):3.562; Q1].

#### B. Papers in national scientific periodicals with referees (n=2)

2. Leal M, Morais C, Ramos B, **Abrantes P**, Pomba C, Costa SS, & Couto I. (2024). O impacto do efluxo na suscetibilidade reduzida a biocidas e resistência a fluoroquinolonas em *Staphylococcus pseudintermedius*. *Anais do Instituto de Higiene e Medicina Tropical*, 22(2), 87-92. <https://anaisihmt.com/index.php/ihmt/article/view/460>.
1. **Abrantes P**, Silveira H. (2009). Alterações Climáticas na Europa: efeito nas doenças parasitárias humanas. *Revista Portuguesa de Saúde Pública* 27, Nº 2: 71-86. ISSN 0870-9025.

#### C. Papers in conference proceedings (n=6)

6. Morais C, Costa SS, **Abrantes P**, Pomba C, Couto I. (2020). Antibiotic resistance in *Staphylococcus pseudintermedius* associated with skin and soft tissue infections in dogs and cats. Paper presented in 30th European Congress on Clinical Microbiology and Infectious Diseases (ECCMID), Paris, France.
5. Dias S, Gama A, **Abrantes P**, Akpogheneta O, Reigado V, Ferreira A, Carreiras E, Mora C, Simoes D, Martins M. (2018). Examining sexual risk, HIV infection and health services use: a cluster analysis with sub-Saharan African migrants. *European Journal of Public Health*, 28, 82-83. [IF(2017)=2.782; Q1].
4. Campos P, Valente B, **Abrantes P**, Varandas L, do Rosário VE, Silveira H. (2008). Malária placentar em mulheres grávidas de termo em trabalho de parto na Maternidade Lucrecia Paim e Hospital Augusto N'Gangula, Luanda, Angola. *Revista da Sociedade Brasileira de Medicina Tropical*, 41 Suppl.1:212.
3. **Abrantes P**, Dimopoulos G, Grosso AR, Do Rosário VE, Silveira H. (2007). Impacto da cloroquina nos mecanismos de defesa de *Anopheles gambiae* à infecção por *Plasmodium berghei*. *Revista da Sociedade Brasileira de Medicina Tropical*, 40 Suppl.1:159.
2. **Abrantes P**, Do Rosário VE, Silveira H. (2002). Effect of chloroquine on the modulation of mosquito immune response to *Plasmodium* infection. *Acta Tropica*, 83 (supl.1): S155. [IF(2017)=2.509; Q1].
1. Silveira H, Ramos S, **Abrantes P**, do Rosário VE. (2002). Effect of chloroquine on gene expression of *Anopheles* and *Plasmodium* during sporogonic development. *Acta Tropica*, 83 (supl.1): S87. [IF(2017)=2.509; Q1].

### 4. Communications in Scientific Events

#### A. Oral Communications (n=17)

17. Balau A, Sobral D, **Abrantes P**, Carvalho M, Morais I, Mixão V, Medeiros MM, Carvalho F, Antunes AMM, Gomes JP, Antunes S, Arez AP (speaker). (2023). Unveiling the protective mechanisms of pyruvate Kinase deficiency against malaria: transforming vulnerability into resilience. In: MicroBiotec23 - Congresso Nacional de Microbiologia e Biotecnologia, 7-9 December 2023. Sociedade Portuguesa de Microbiologia (Covilhã, Portugal).
16. **Abrantes P**. (2022). Long-read sequencing in antimicrobial resistance. In: Summer School on Antimicrobial Resistance 2022, GHTM/IHMT, 12-15 September, online format.
15. Costa SS, Ferreira C, Morais C, **Abrantes P**, Pomba C, Couto I. (2022). Emergence of staphylococcal non-wild-type populations to biocides in a One Health perspective: are there reasons for concern? In: 32nd European Congress of Clinical Microbiology and Infectious Diseases, 23 - 26 April, Lisbon, Portugal.

14. Medeiros MM, Ingham AC, Pedersen AM, Correia C, Stegger M, Andersen PS, Fisker AB, Benn CS, Lanaspá M, Silveira H, **Abrantes P.** (2021). Oral poliomyelitis vaccine (OPV) boost drives changings on gut and respiratory microbiomes of infants. In: NOVAhealth Chronic Disease and Infection Conference: Microbiota and Health, 22 October 2021, online format.
13. Santana R, Lacerda M, Monteiro W, **Abrantes P,** Guerra M, Silveira H. (2018). *Anopheles aquasalis* transcriptome during *Plasmodium vivax* invasion of midgut. In: TiBE: Host-Parasite interactions, 5-7 December, CIBIO-InBIO, Campus de Vairão, Portugal.
12. Dias S, Gama A, **Abrantes P,** Akpogheneta O, Reigado V, Ferreira A, Carreiras E, Mora C, Simões D, Martins M. (2018). Examining sexual risk, HIV infection and health services use: a cluster analysis with sub-Saharan African migrants. In: 1st World Congress on Migration, Ethnicity, Race and Health – Diversity and Health, 17 – 19 May, Edinburgh.
11. Dias S, **Abrantes P,** Gama A, Reigado V. (2017). Migrantes e Saúde: estado da arte. In: Workshop de Migração e Saúde, NOVA Saúde, 15th March 2017, IHMT, Lisbon, Portugal.
10. **Abrantes P.** (2016). Análise estatística de dados de Estudos sobre o VIH e outras IST em populações vulneráveis. In: III Jornadas Científicas NOVA Saúde. 10 November 2016, Reitoria da Universidade Nova de Lisboa, Portugal.
9. **Abrantes P,** Santos MM, Xavier J, Sousa I, Francisco V, Krug T, Sobral J, Matos M, Jacinto A, Coiteiro D, Oliveira SA. (2014). Genome-wide association study identifies 4 variants for intracranial aneurysms in the Portuguese population. In: 18ª Reunião Anual da Sociedade Portuguesa de Genética Humana, 19-21st November, Lisbon, Portugal.
8. **Abrantes P.** (2014). Genetics of intracranial aneurysms. In: IMM Pizza Seminar, 22nd april, IMM Lisboa, Portugal.
7. **Abrantes P.** (2010). O peixe-zebra como modelo animal em experimentação biomédica. In: iMed - Congresso Inovar a Medicina 2.0. 5-7th November 2010. Faculdade de Ciências Médicas da Universidade Nova de Lisboa.
6. **Abrantes P.** (2009). New approaches to the genetic study of Nonsyndromic Cleft lip and/or palate (NSCLP). In: I Congresso Ibérico de Fendas Lábio-palatinas/VII Congreso Español de Fisuras faciales. 26-28 November 2009, Ordem dos Médicos, Porto, Portugal.
5. Campos P, Valente B, **Abrantes P,** Varandas L, do Rosário VE, Silveira H. (2008). Malária placentar em mulheres grávidas de termo em trabalho de parto na Maternidade Lucrecia Paim e Hospital Augusto N'Gangula, Luanda, Angola. In: LIV Congresso da Sociedade Brasileira de Medicina Tropical, III Encontro de Medicina Tropical dos Países de Língua Portuguesa and II Encontro de Medicina Tropical Cone Sul, 4-7th March, Porto Alegre, Rio Grande do Sul, Brazil.
4. **Abrantes P.** (2004). Effect of chloroquine on mosquito response modulation to *Plasmodium* infection. In: EMBO course on Microarray Technology: Genome-Proteome-Function, 29th May to 5th June, EMBL, Heidelberg, Germany.
3. **Abrantes P.** (2003). Efeito da cloroquina na expressão génica de *Anopheles gambiae*. In: Seminário "PCR Real-time", organized by BIO-RAD Laboratories, 24th July 2003, Instituto de Higiene e Medicina Tropical/CMDT, Lisboa, Portugal.
2. Silveira H, Ramos S, **Abrantes P,** Do Rosário VE. (2002). Effect of chloroquine on gene expression of *Anopheles* and *Plasmodium* during sporogonic development. In: Third European Congress on Tropical Medicine and International Health, 8-12 September, Lisbon, Portugal.
1. **Abrantes P,** Dias D. (2000). Use of microsatellites to analyse genetic variability in four populations of *Columba palumbus*. In: II International Meeting on Wild Pigeons and Doves, 14-15 December, Palacio Miramar, San Sebastian, Spain.

#### **B. Poster communications (n=37)**

37. Costa SS, Ferreira C, Leal M, Andrade M, **Abrantes P,** Viveiros M, Couto I. (2024). Occurrence of *norA* and other multidrug efflux pump determinants across the *Staphylococcus* genus. In: 19th International Symposium on Staphylococci and Staphylococcal Infections, 18 – 21 August, Perth, Australia.

36. Ferreira C, Morais C, Zacharias P, Abrantes P, Pomba C, Costa SS, Couto I. (2023). Chlorhexidine and benzalkonium chloride activity against *Staphylococcus aureus* and *Staphylococcus pseudintermedius* from skin and soft tissue infections in companion animals. In: MicroBiotec23 - Congress of Microbiology and Biotechnology, 2023, 7-9 December, Covilhã, Portugal.
35. Morais C, Costa SS, Leal M, Ramos B, Andrade M, Ferreira C, **Abrantes P**, Pomba C, Couto I. (2023). High antimicrobial resistance and genetic diversity in *S. pseudintermedius* associated with skin and soft-tissue infections in companion animals in Lisbon, Portugal. In: 6th National Congress of Tropical Medicine (CNTM), Lisbon, Portugal.
34. Leal M, Morais C, Ramos B, **Abrantes P**, Pomba C, Costa SS, Couto I. (2023). Efflux as a resistance mechanism in the veterinary pathogen *Staphylococcus pseudintermedius*. In: 6th National Congress of Tropical Medicine (CNTM), Lisbon, Portugal.
33. Ferreira C, **Abrantes P**, Costa SS, Viveiros M, Couto I. (2023). Occurrence and variability of *norA* and other main multidrug efflux pump determinants across the *Staphylococcus* genus. In: 33rd European Congress on Clinical Microbiology and Infectious Diseases (ECCMID), 15 - 18 April, Copenhagen, Denmark/Online.
32. Morais C, Ferreira C, Zacharias P, **Abrantes P**, Pomba C, Costa SS, Couto I. (2023). Assessment of chlorhexidine activity against *Staphylococcus aureus* and *Staphylococcus pseudintermedius* from skin and soft-tissue infections in companion animals. In: 33rd European Congress on Clinical Microbiology and Infectious Diseases (ECCMID), 15 - 18 April, Copenhagen, Denmark/Online.
31. Ferreira C, **Abrantes P**, Costa SS, Couto I. (2022). Occurrence and variability of the efflux pump gene *norA* in staphylococci". In: XIII IHMT Scientific Day.
30. Ferreira C, Costa SS, **Abrantes P**, Viveiros M, Couto I. (2022). Rapid screening of *norA* alleles among *Staphylococcus aureus* strains causing SSTIs in different hosts. In: 32nd European Congress of Clinical Microbiology and Infectious Diseases, 23 - 26 April, Lisbon, Portugal.
29. Andrade M, Oliveira O, Morais C, **Abrantes P**, Pomba C, Rosato AE, Couto I, Costa SS. (2022). Increased virulence potential of biofilm-producing coagulase-positive staphylococci associated with animal pyoderma. In: 32nd European Congress of Clinical Microbiology and Infectious Diseases, 23 - 26 April, Lisbon, Portugal.
28. Andrade M, Oliveira O, Morais C, **Abrantes P**, Pomba C, Rosato AE, Couto I, Costa SS. (2022). Increased virulence potential of biofilm-producing coagulase-positive staphylococci associated with animal pyoderma. In: 5th Annual Texas Medical Center Antimicrobial Resistance and Stewardship Conference, 19-21 January, online.
27. Medeiros MM, Ingham AC, Pedersen AM, Correia C, Stegger M, Andersen PS, Fisker AB, Benn CS, Lanaspá M, Silveira H, **Abrantes P**. (2021). Oral poliomyelitis revaccination is associated with changes in gut and upper respiratory microbiomes of infants. In: Microbiotec 21 - Congress of Microbiology and Biotechnology 2021, 23rd-26th November, online.
26. Costa SS, Ferreira C, Morais C, **Abrantes P**, Pomba C, Couto I. (2021). Emergence of staphylococcal non-wild-type populations to biocides in a One Health perspective: are there reasons for concern? In: Microbiotec 21 - Congress of Microbiology and Biotechnology 2021, 23rd-26th November, online.
25. Oliveira K, **Abrantes P**, Ferreira C, Ribeiro R, Serrano M, Pomba C, Couto I, Costa SS. (2021). Molecular characterization of virulence traits of *Staphylococcus aureus* associated with skin and soft tissue infections in humans and animals. In: Microbiotec 21 - Congress of Microbiology and Biotechnology 2021, 23rd-26th November, online.
24. Morais C, Costa SS, Andrade M, Ramos B, Leal M, **Abrantes P**, Pomba C, Couto I. (2021). Molecular characterization of *Staphylococcus pseudintermedius* associated with skin and soft tissue infections in pets, Portugal. In: Microbiotec 21 - Congress of Microbiology and Biotechnology 2021, 23rd-26th November, online.
23. Andrade M, Morais C, **Abrantes P**, Pomba C, Couto I, Costa SS. (2021). Characterization of biofilm production by *Staphylococcus pseudintermedius* associated with skin infections. In: Microbiotec 21 - Congress of Microbiology and Biotechnology 2021, 23rd-26th November, online.
22. Morais C, Costa SS, Andrade M, Ramos B, Leal M, **Abrantes P**, Pomba C, Couto I. (2021). Clonal lineages of *Staphylococcus pseudintermedius* associated with skin and soft tissue infections in pets, Portugal. In: 31st ECCMID 2021, Vienna, Austria, 9-12 July. ePoster 3395.
21. Costa SS, **Abrantes P**, Morais C, Viveiros M, Rosato AE, Couto I. (2019). Exploring the efflux-mediated multidrug

resistance in staphylococci. In: Microbiotec 19 - Congress of Microbiology and Biotechnology' 19, 5th-7th December, Coimbra, Portugal.

20. Costa SS, **Abrantes P**, Morais C, Viveiros M, Rosato AE, Couto I. (2019). Exploring the staphylococcal efflux-mediated response to ethidium bromide, an efflux pump substrate. In: Gordon Conference "Multi-drug Efflux Systems 2019", 28th April – 3rd May, Lucca, Italy.

19. Oliveira P, Zejnilovic L, Canhão H, von Hippel E, **Abrantes P**. (2015). Patient innovation under rare diseases and chronic needs. In: European Human Genetics Conference - ESHG 2015, 6 – 9th June, Glasgow, Scotland, UK.

18. Rosa A, **Abrantes P**, Sousa I, Francisco V, Santos P, Francisco D, Xavier JM, Oliveira SA. (2015). Ulcerative colitis is under dual (mitochondrial and nuclear) genetic control. In: European Human Genetics Conference – ESHG 2015, 6-9th June, Glasgow, Scotland, UK.

17. Rosa A, Sousa I, **Abrantes P**, Francisco V, Santos P, Francisco D, Xavier JM, Oliveira SA. (2015). Mitochondrial Genome influences susceptibility to Ulcerative Colitis. In: American College of Medical Genetics and Genomics, Annual Clinical Genetics Meeting, 24-28th March, Salt Lake City, USA.

16. Sousa I, **Abrantes P**, Francisco V, Teixeira G, Monteiro M, Neves J, Norte A, Robalo Cordeiro C, Moura e Sá M, Santos P, Oliveira M, Sousa S, Fradinho M, Malheiro F, Reis E, Negrão L, Feijó S, Oliveira SA. (2014). GWAS implicates SLC6A1 and rs4733649 at 8q24.21 in Primary Spontaneous Pneumothorax risk. In: 18th Reunião Anual da Sociedade Portuguesa de Genética Humana, 19-21st November, Lisbon, Portugal.

15. **Abrantes P**, Santos MM, Xavier JM, Sousa I, Francisco V, Krug T, Sobral J, Matos M, Jacinto A, Coiteiro D, Oliveira SA. (2014). Identification of 4 novel susceptibility loci for intracranial aneurysms in Portuguese using a pooling-based GWAS. In: American Society of Human Genetics 2014 Annual Meeting, 18-22nd October, San Diego, USA.

14. Sousa I, **Abrantes P**, Francisco V, Teixeira G, Monteiro M, Neves J, Norte A, Robalo Codeiro C, Moura e Sá M, Santos P, Oliveira M, Sousa S, Fradinho M, Malheiro F, Reis E, Negrão L, Feijó S, Oliveira SA. (2014). Genome-wide association implicates LEKR1 at 3q25.31 and an intergenic region at 8q24.21 in Primary Spontaneous Pneumothorax risk. In: American Society of Human Genetics 2014 Annual Meeting, 18-22nd October, San Diego, USA.

13. Matos M, Xavier JM, Rei N, Sousa I, Barcelos F, **Abrantes P**, Vedes J, Jesus J, Salgado M, Fontes F, Patto JV, Crespo J, Oliveira SA. (2012). IL10 Sequencing for Behçet's disorder in the Portuguese Population. In: 16th Reunião Anual da Sociedade Portuguesa de Genética Humana, 22-24th November, Porto, Portugal.

12. Crespo CV, Francisco V, Carvalho L, Jacinto A, **Abrantes P**. (2012). Characterization of cdkn2b gene during zebrafish development. In: IX Meeting of the Spanish Society for Developmental Biology 2012. Jointly with the Portuguese Society for Developmental Biology (Portugal) in association with the Society for Developmental Biology (USA). 12-14th November, Granada, Spain.

11. **Abrantes P**, Sousa I, Santos MM, Francisco V, Krug T, Xavier JM, Jacinto A, Coiteiro D, Oliveira SA. (2012). Pooling-based genome-wide association study for intracranial aneurysms in the Portuguese population. In: American Society of Human Genetics 2012 Annual Meeting, 6-10<sup>th</sup> November, San Francisco, USA.

10. Sousa I, Xavier JM, Rei N, Barcelos F, **Abrantes P**, Vedes J, Salgado M, Fontes F, Vaz Patto J, Crespo J, Oliveira SA. (2012). Sequencing of IL10 in Behçet's disease patients. In: American Society of Human Genetics 2012 Annual Meeting, 6-10<sup>th</sup> November, San Francisco, USA.

9. **Abrantes P**, Coiteiro D, Krug T, Santos MM, Jacinto A, Oliveira SA. (2011). Genetics of Intracranial Aneurysms. In: 15<sup>a</sup> Reunião Anual da Sociedade Portuguesa de Genética Humana, 10-12th November, Pavilhão do Conhecimento, Lisboa, Portugal.

8. **Abrantes P**, Henriques-Coelho T, Oliveira SA, Bessa-Monteiro A, Jacinto A. (2011). Unlocking the genetic etiology of nonsyndromic cleft lip with or without cleft palate. In: 15<sup>a</sup> Reunião Anual da Sociedade Portuguesa de Genética Humana, 10-12th November, Pavilhão do Conhecimento, Lisboa, Portugal.

7. **Abrantes P**, Dimopoulos G, Grosso AR, Do Rosário VE, Silveira H. (2007). Impacto da cloroquina nos mecanismos de defesa de *A. gambiae* à infecção por *P. berghei*. In: XLIII Congresso da Sociedade Brasileira de Medicina Tropical, 12 to 15th de March, Campos do Jordão, São Paulo, Brasil.

6. **Abrantes P**, Dimopoulos G, Do Rosário VE, Silveira H. (2006). Análise por Microarrays da expressão génica de



*Anopheles gambiae* em resposta ao tratamento com cloroquina. In: XLII Congresso da Sociedade Brasileira de Medicina Tropical e I Encontro de Medicina Tropical dos Países de Língua Portuguesa, 4 - 8 March, Rio Poty Hotel, Teresina - Piauí - Brasil.

5. **Abrantes P**, Dimopoulos G, Do Rosário VE, Silveira H. (2005). Microarray Analysis of *Anopheles gambiae* gene expression in response to chloroquine treatment. In: Workshop on Statistics in Genomics and Proteomics, 5-8 October, Hotel Estoril Eden, Monte Estoril, Portugal.

4. **Abrantes P**, Do Rosário VE, Silveira H. (2004). Effect of chloroquine on *Anopheles gambiae* immune response to *Plasmodium* infection. In: Keystone Symposia - "Genetic Manipulation of Insects", 3-8 February, Sagebrush Inn and Conference Center, Taos, New Mexico, USA. Funded by Fundação Calouste Gulbenkian.

3. **Abrantes P**, Do Rosário VE, Silveira H. (2002). Effect of chloroquine on the modulation of mosquito immune response to *Plasmodium* infection. In: Third European Congress on Tropical Medicine and International Health, 8-12 September, Lisbon, Portugal.

2. Silveira H, **Abrantes P**, Do Rosário VE, Abrahamsen MS. (2001). Effect of chloroquine on gene expression of *Plasmodium yoelii* in the mosquito vector. In: XII Molecular Parasitology Meeting, 12-16 September, Marine Biological Laboratory, Woods Hole, MA, USA.

1. **Abrantes P**, Dias D. (2000). Use of microsatellites to analyse genetic variability in four populations of *Columba palumbus*. In: 27th International Conference on Animal Genetics, July 22-26, Hyatt Regency, Minneapolis, Minnesota, USA.

## 5. Prizes/Awards

Primary Spontaneous Pneumothorax (PSP) Genetics and Genomics (member of the team). Portuguese Society of Pneumology- UCB Pharma, 2008.

Keystone Symposia on Molecular and Cellular Biology Scholarship, USA, February 2004.

## 6. Other formation for the development of scientific competences

### A. Scientific traineeships

3. Short-term research traineeship at Department of Infectious Disease Epidemiology, London School of Hygiene & Tropical Medicine, UK (supported by GHTM). Supervision of Prof. Taane Clark. September 2017.

2. Visiting trainee at CEDOC Management, FCM, Universidade Nova de Lisboa under the supervision of Dra. Marta Carapuço, for the purpose of learning and gaining experience in a scientific management environment. 10 – 28 March 2014.

1. Short-term research traineeship at the Department of Molecular Microbiology and Immunology, Johns Hopkins School of Public Health, Baltimore, USA). Supervision of Dr. George Dimopoulos. Visit funded by FLAD and FCT. Feb. - March 2004.

### B. Courses

9. "SPAT - infectious Disease 'Omics" Course, London School of Hygiene & Tropical Medicine, UK. 18 - 20 September 2017.

8. "Bioinformatics using Python for Biomedical Researchers – BPBR16" Course, The Gulbenkian Training Programme in Bioinformatics, Instituto Gulbenkian de Ciência, Oeiras, Portugal. 11 - 15 July 2016.

7. "miRNAs and non-coding RNAs in cell biology and human disease" Course, Instituto de Medicina Molecular, Lisbon, Portugal. 13 - 14 October 2011.

6. "Integrative Cancer Genomics" Course, The Gulbenkian Training Programme in Bioinformatics, Instituto Gulbenkian de Ciência, Oeiras, Portugal. 8 - 10 November 2010.

5. "Introduction to Flow Cytometry" Course, Instituto Gulbenkian Ciência, Oeiras, Portugal. 27 - 30 April 2010.

4. "Gene Silencing" Course, organized by CMDT/IHMT and Centre of Molecular and Structural Biomedicine/University of Algarve (40h), Faro, Portugal. 12 - 15 April 2005.

3. "EMBO course on Microarray Technology: Genome-Proteome-Function", EMBL, Heidelberg (Germany). 29 May - 5 June 2004.
2. "Workshop of Molecular Biology", Instituto de Higiene e Medicina Tropical, Lisbon, Portugal (48h). 13 - 20 May 2003.
1. "Applied Malaria Bioinformatics" Course (AMB02), The Gulbenkian Training Programme in Bioinformatics, Instituto Gulbenkian de Ciência, Oeiras, Portugal. 21 - 25 October 2002.

## **VI. TEACHING AND SCIENTIFIC SUPERVISION**

### **1. Teaching**

9. 2023/2024: Invited Assistant Professor at Instituto de Higiene e Medicina Tropical, UNL. Curricular Units: "Theory and methods in Epidemiology and Biostatistics" (coordination and teaching (22h), "Biostatistics" (coordination and teaching 20h), "Research in Tropical health/Biostatistics" (31h), "Molecular Diagnostic in Medical Microbiology" (6h), "Computational Biology and Bioinformatics" (4h), "Molecular Epidemiology" (4h), "Molecular Epidemiology in Parasitic and Infectious Diseases" (1h), "Disease impact and its determinants" (1h).
8. 2022/2023: Invited Assistant Professor at Instituto de Higiene e Medicina Tropical, UNL. Curricular Units: "Theory and methods in Epidemiology and Biostatistics" (coordination and teaching (20h), "Biostatistics" (coordination and teaching 10h), "Research in Tropical health/Biostatistics" (31h), "Statistics" (8h), "Molecular Diagnostic in Medical Microbiology" (6h), "Computational Biology and Bioinformatics" (4h), "Molecular Epidemiology" (4h), "Molecular Epidemiology in Parasitic and Infectious Diseases" (1h), "Disease impact and its determinants" (1h).
7. 2021/2022: Invited Assistant Professor at Instituto de Higiene e Medicina Tropical, UNL. Curricular Units: "Biostatistics" (coordination and teaching 36h), "Theory and methods in Epidemiology and Biostatistics" (coordination and teaching 18h), "Research in Tropical health/Biostatistics" (31h), "Experimental Design and Thesis Project" (8h), "Molecular Diagnostic in Medical Microbiology" (6h), "Computational Biology and Bioinformatics" (4h), "Molecular Epidemiology" (4h), "Molecular Epidemiology in Parasitic and Infectious Diseases" (1h), "Disease impact and its determinants" (1h).
6. 2020/2021: Lecturer at Instituto de Higiene e Medicina Tropical, UNL. Curricular Units: "Computational Biology and Bioinformatics", "Research in Tropical health/Biostatistics", "Molecular Diagnostic in Medical Microbiology", "Molecular Epidemiology in Parasitic and Infectious Diseases", "Disease impact and its determinants".
5. 2019/2020: Lecturer at Instituto de Higiene e Medicina Tropical, UNL. Curricular Units: "Computational Biology and Bioinformatics", "Statistics", "Research in Tropical health/Biostatistics", "Molecular Diagnostic in Medical Microbiology", "Molecular Epidemiology in Parasitic and Infectious Diseases".
4. 2008/2009: Adjunct Professor at Escola Superior de Turismo e Tecnologia do Mar, Instituto Politécnico de Leiria. Coordinator of "Molecular Biology", "Molecular Genetics" and "Bioinformatics" curricular units.
3. 2007: Lecturer at I Master Course in Biomedical Sciences and VII Master Course in Medical Parasitology, CMDT/IHMT, UNL.
2. 2006 and 2007: Lecturer at "Parasitology Module", PhD Program in areas of Basic and Applied Biology - GABBA, University of Porto.
1. 2005: Lecturer at "Medical Protozoology Module II", VI Master Course in Medical Parasitology, CMDT/IHMT, UNL.

### **2. Mentorship/Supervision**

8. September 2021 - March 2023: Paula Zacharias. Caracterização do transcrito de estafilococos exposto a diferentes concentrações de um biocida. Master in Medical Microbiology, Instituto de Higiene e Medicina Tropical, UNL. Master thesis Supervisor.
7. Since September 2021: Asitene António. Motivações para mudança do contexto de trabalho dentro do serviço nacional de saúde (SNS), do SNS para o privado e emigração dos médicos em Moçambique. Master in Public Health and Development, Instituto de Higiene e Medicina Tropical, UNL. Master Thesis Co-Supervisor.

6. Since April 2021: Inês Ferreira. Obesidade, praticas de aleitamento materno e insegurança alimentar em crianças nativas e imigrantes na região de LVT. PhD in International Health, Instituto de Higiene e Medicina Tropical, UNL. Member of PhD student's tutorial commission.
5. Since November 2020: Ronise Silva. Infecções maláricas de baixa-densidade: importantes para a perpetuação da malária na Guiné Bissau? PhD in Tropical Diseases and Global Health, Instituto de Higiene e Medicina Tropical, UNL. Member of PhD student's tutorial commission.
4. September 2020-December 2021: Inês Maria da Costa Almeida. Testing the effect of an artificial diet on *Anopheles* mosquitoes' genome and microbiome. Master in Medical Parasitology. Instituto de Higiene e Medicina Tropical, UNL. Master thesis Co-Supervisor.
3. May - June 2019: Anyse Pereira. PhD in *Saber Tropical e Gestão* (Consortium Nova SBE, IHMT and ISA). Thematic rotation at IHMT/UNL under the aim of learning and gaining experience on genetic sequences analyses using bioinformatic tools. Traineeship Supervisor.
2. 2011/2012: Cátia Crespo. Characterization of *cdkn2b* during Zebrafish development. Master in Biochemistry, Faculdade de Ciências da Universidade de Lisboa. Master thesis Supervisor.
1. From 2008 to 2013: Irina Alho Duarte. The importance of Low Molecular Weight Protein Tyrosine Phosphatase in the progression of metastatic bone disease and therapeutic response. PhD In Biomedical Sciences, Faculdade de Medicina da Universidade de Lisboa. Member of PhD student's tutorial commission.

### 3. Jury member activities

Adilson Pina. Papel da coagulação na resposta do mosquito *Anopheles gambiae* ao parasita da malária *Plasmodium berghei*. Master in Human Biology and Environment, Faculdade de Ciências da Universidade de Lisboa. November 2008. Examiner.

## **VII. PARTICIPATION IN UNIVERSITY AND SCIENTIFIC MANAGEMENT ACTIVITIES**

4. Elected member of the Scientific Council, Instituto de Higiene e Medicina Tropical, UNL. From July 2020 to November 2021.
3. Researcher responsible for the management of the MinION (Oxford Nanopore) Sequencing device usage at Instituto de Higiene e Medicina Tropical, UNL. Since April 2021.
2. Researcher responsible for the creation, collection and maintenance of the 1st Portuguese Biobank of samples from children and relatives with non-syndromic cleft lip/palate, Instituto de Medicina Molecular/Faculdade de Medicina da UL. From 2010 to 2013.
1. Researcher responsible for the creation, collection and maintenance of the 1st Portuguese Biobank of samples from patients with intracranial aneurysms, Instituto de Medicina Molecular/Faculdade de Medicina da UL. From 2008 to 2015.

## **VIII. OUTREACH ACTIVITIES**

### 1. Organization of events

6. Member organizer of the 2nd *Summer School on Antimicrobial and Biocide Resistance*. GHTM/ Instituto de Higiene e Medicina Tropical and the Freie Universität Berlin (Germany). 22 - 26 July 2024 at IHMT.
5. Member organizer of the *Summer School on Antimicrobial Resistance 2022*. GHTM/ Instituto de Higiene e Medicina Tropical. Online format. 12 - 15 September 2022.
4. Member organizer of the 1<sup>st</sup> and 2<sup>nd</sup> editions of the *Crash course: Utilização da linha de comandos*. GHTM/ Instituto de Higiene e Medicina Tropical. Lisbon, Portugal. 5th September, 26th September 2022.
3. Member organizer of the 3rd *IMM Post-Doctoral Day* at Instituto de Medicina Molecular, Lisbon, Portugal. 25th September 2015.

2. Outside consultant offering training to *ALTANA Pharma* held in the frame of the event "*Science is fun*", organized by Companhia do Texto, Lda. Lisbon, Portugal. 14 - 15 December 2005.

1. Member organizer of the *COST Action 857 – Apicomplexan Biology in the post-genomic era, 1st Annual Workshop*, Lisbon. Centre for Malaria & Other Tropical Diseases/ Instituto de Higiene Medicina Tropical. 3 - 6 June 2004.

## **2. Other scientific dissemination activities**

4. Participation at the 1st and 2nd Postdocs Intra-institutional Retreat (IGC/CEDOC/IMM/ITQB). Praia Grande, Sintra, October 2014/Setúbal, November 2015.

3. Moderator at IX IMM/CAML PhD students meeting, Lisbon, Portugal. 26-27 March 2015.

2. Reviewer for the PLOS One Journal. Since 2014.

1. Collaborator at "Ciência Viva nas Férias". Tick-transmitted diseases module, CMDT/IHMT, Portugal. 2002 and 2003.

## **IX. LANGUAGES**

Portuguese: Native speaker

English: Excellent comprehension, very good conversation and writing

French: Medium comprehension, conversation and writing

## **X. VOLUNTEERING**

Food transportation

Jan 2012 – Present: Social Canteen, Igreja Nossa Senhora do Amparo, Benfica, Lisbon, Portugal

Transport of food donated by supermarkets to social canteens.

Lisbon, 21st August 2024

