Patrícia Salgueiro

Contacts

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Curriculum

I work as Project Officer in planning, promoting and drafting International and National institutional Projects, and supporting multidisciplinary applications to Horizon Europe and other Funding Programmes and Agencies.
Formerly, I had a scientific research career in the areas of population genetics and molecular ecology, having worked on: i) vector-borne diseases (dengue and malaria) ii) conservation genetics of endangered species.
I have co-authored more than 100 works including 5 book chapters and 28 papers in international peer reviewed journals, which received more than 1100 citations, providing an index h=17, i10=21 (https://bit.ly/2Ghh6qL). I had three projects funded as Principal Investigator in competitive calls and participated in 24 research projects, 11 of which international (https://bit.ly/2SzJ9Ym).
I completed a PhD in Evolutionary Biology in 2007 at the University of Lisbon (Visiting PhD student at the Muséum d'Histoire Naturelle de la Ville de Genève, Switzeland). Since then, I was an invited visiting scholar at the University of Maryland Biotechnology Institute (USA, 2008), Biotechnology and Nuclear Agriculture Research Institute (Ghana, 2009) and Universidade Estadual de S. Paulo (Brazil, 2012).
I was awarded one prize, four fellowships and eight travel grants. This allowed me to develop a wide network of 11 research teams around the world (Europe, North and South America and Africa). Moreover, I gained laboratory and data analysis expertise, management skills and field experience with several study objects (namely birds, fish, bats and insects).
I have supervised three MSc students, five graduate students, seven undergraduate students, and trained 14 national and international researchers (including PhD students and Post-Docs) in laboratory work and data analysis.
I have lectured in 2 PhD and 1 MSc programs and capacity building events in several Universities (in Portugal, Brazil and India).
I have been invited as expert reviewer for the European Comission (COST and MSC Actions), editor in 3 international journals and reviewer for 16.

Research Interests

Biological Sciences

Academic Qualifications

University/Institution	Type	Degree	Period
Universidade de Lisboa Departamento de Biologia Animal	PhD	Biologia Evolutiva	2007
Universidade de Lisboa Departamento de Biologia Animal	Licenciate	Biologia	1999

Total Citations

Web of Science®	925
Scopus	836

Publications

• Scientific Journals

- Scientific journal paper

1	salgueiro, P., Célia Serrano, Bruno Gomes, Joana Alves, Carla A. Sousa, Ana Abecasis...João Pinto (2019). Phylogeography and invasion history of Aedes aegypti , the Dengue and Zika mosquito vector in Cape Verde islands (West Africa). Evolutionary Applications. 12, 1797-1811 - Times Cited Web of Science®: 20 - Times Cited Scopus: 19 - Times Cited Google Scholar: 34
2	Salgueiro, P., Restrepo-Zabaleta, J., Costa, M., J. Pinto, Gaborit, P., Guidez, A....Dusfour, I. (2019). Liaisons dangereuses: cross-border gene flow and dispersal of insecticide resistance-associated genes in the mosquito Aedes aegypti from Brazil and French Guiana. Memórias do Instituto Oswaldo Cruz. 114 - Times Cited Web of Science®: 14 - Times Cited Scopus: 12 - Times Cited Google Scholar: 15
3	Gonçalo Seixas, salgueiro, P., Aline Bronzato-Badial, Ysabel Gonçalves, Matias Reyes-Lugo, Vasco Gordicho...Carla A. Sousa (2019). Origin and expansion of the mosquito Aedes aegypti in Madeira Island (Portugal). Scientific Reports. - Times Cited Web of Science®: 37 - Times Cited Scopus: 31 - Times Cited Google Scholar: 64
4	Isabel Craveiro, Gonçalves, Luzia, Varanda, Jorge & salgueiro, P. (2018). Malaria transmission: current challenges and new tools in the elimination context – revisiting a workshop at IHMT. Anais do Instituto de Higiene e Medicina Tropical. 16, 41-44
5	salgueiro, P. (2018). Phylogenetics and population genetics tools for vectors and vector-borne pathogens: COST Action EurNegVec, Training School 6. Anais do Instituto de Higiene e Medicina Tropical. 16, 31-36

6	Mónica Guerra, Rita Neres, salgueiro, P., Cristina Mendes, Nicolas Ndong-Mabale, Pedro Berzosa...Arez, Ana Paula (2017). Plasmodium falciparum genetic diversity in continental Equatorial Guinea before and after introduction of artemisinin based combination therapy. Antimicrobial Agents and Chemotherapy. 61 - Times Cited Web of Science®: 17 - Times Cited Scopus: 17 - Times Cited Google Scholar: 21
7	salgueiro, P., Ana Sofia Lopes, Cristina Mendes, Jacques Derek Charlwood, Arez, Ana Paula, João Pinto...Henrique Silveira (2016). Molecular evolution and population genetics of a Gram-negative binding protein gene in the malaria vector Anopheles gambiae (sensu lato). Parasites & Vectors. 9 (515) - Times Cited Web of Science®: 5 - Times Cited Scopus: 5 - Times Cited Google Scholar: 7
8	Gomes, J., Salgueiro, P., Inácio J, Amaro A, PintoJ, Tait A....Weir W. (2016). Population diversity of Theileria annulata in Portugal. Infection, Genetics and Evolution. 42, 14-19 - Times Cited Web of Science®: 27 - Times Cited Scopus: 28 - Times Cited Google Scholar: 35
9	salgueiro, P., Vicente J, Figueiredo R. & PintoJ (2016). Genetic diversity and population structure of Plasmodium falciparum over space and time in an African archipelago. Infection, Genetics and Evolution. 43, 252-260 - Times Cited Web of Science®: 7 - Times Cited Scopus: 5 - Times Cited Google Scholar: 9
10	Maria Costa, ML Lobo , Sofia Santos Costa, VL Pinto Junior, Vitor Laerte Pinto Junior, salgueiro, P....Lenea Campino (2015). Visão global do 3º Congresso Nacional de Medicina Tropical e 1º Congresso Lusófono de Doenças Transmitidas por Vetores. Anais do Instituto de Higiene e Medicina Tropical. 14, 47-56
11	Seixas, G., salgueiro, P., Silva, AC, Campos, M., Carine, Reyes-Lugo, ...Pinto, J. (2014). Aedes aegypti on Madeira Island (Portugal): genetic variation of a recently introduced dengue vector. Memórias do Instituto Oswaldo Cruz. 108 (Supl. 1), 3-10 - Times Cited Web of Science®: 45 - Times Cited Scopus: 37 - Times Cited Google Scholar: 75
12	Angêlla, A., salgueiro, P., Gil, L., Vicente, JL, PintoJ & Ribolla, P. (2014). Seasonal genetic partitioning in the neotropical malaria vector Anopheles darlingi (Diptera: Culicidae). Malaria Journal. 13 (1) - Times Cited Web of Science®: 30 - Times Cited Scopus: 23
13	Mendes, C., salgueiro, P., Gonzalez, V., Berzosa, P., Benito, A., Do Rosário, V.E....Arez, A.P. (2013). Genetic diversity and signatures of selection of drug resistance in Plasmodium populations from both human and mosquito hosts in continental Equatorial Guinea. Malaria Journal. 12 - Times Cited Web of Science®: 23 - Times Cited Scopus: 20 - Times Cited Google Scholar: 24
14	salgueiro, P., Moreno, M., Simard, F., O'Brochta, D. & João Pinto (2013). New Insights into the Population Structure of Anopheles gambiae s.s. in the Gulf of Guinea Islands Revealed by Herves Transposable Elements. PLoS ONE. 8 (4) - Times Cited Web of Science®: 7 - Times Cited Scopus: 7 - Times Cited Google Scholar: 13

15	Vicente, J.L., Carla A. Sousa, Alten, B., Caglar, S.S., Falcutá, E., Latorre, J.M....João Pinto (2011). Genetic and phenotypic variation of the malaria vector Anopheles atroparvus in southern Europe. Malaria Journal. 10 - Times Cited Web of Science®: 38 - Times Cited Scopus: 36 - Times Cited Google Scholar: 56
16	Nuno Miguel Carmona de Jesus Rolão, salgueiro, P., Maria Odete Afonso & João Pinto (2011). Genetic structure of Glossina palpalis gambiensis (Diptera: Glossinidae) in the Republic of Guinea Bissau. Tropical Medicine & International Health. 16, 190-190
17	Vicente J.L., Yawson A.E., salgueiro, P., Santolamazza F, Moreno M., Charlwood J.D....PintoJ (2011). A continent-wide microsatellite survey reveals further complexities in the population structure of Anopheles gambiae s.s. (Diptera: Culicidae). American Journal of Tropical Medicine and Hygiene. 85 (6), 309-309
18	Charlwood, J.D., Tomás, E.V., salgueiro, P., Egyir-Yawson, A., Pitts, R.J. & PintoJ (2011). Studies on the behaviour of peridomestic and endophagic M form Anopheles gambiae from a rice growing area of Ghana. Bulletin of Entomological Research. 101 (5), 533-539 - Times Cited Web of Science®: 9 - Times Cited Scopus: 11 - Times Cited Google Scholar: 17
19	salgueiro, P., Vicente, J.L., Ferreira, C., Teófilo, V., Galvão, A., do Rosário, V.E....João Pinto (2010). Tracing the origins and signatures of selection of antifolate resistance in island populations of Plasmodium falciparum. BMC Infectious Diseases. 10 - Times Cited Web of Science®: 18 - Times Cited Scopus: 12 - Times Cited Google Scholar: 26
20	salgueiro, P., Palmeirim, J.M. & Coelho, M.M. (2010). Lack of gene flow between the insular bat, Nyctalus azoreum and its mainland ancestor Nyctalus leisleri (vespertilionidae, chiroptera): Evidence from microsatellites. Folia Zoologica. 59 (1), 26-34 - Times Cited Scopus: 1 - Times Cited Google Scholar: 7
21	Pereira, M. J. R., Salgueiro, P., Rodrigues, L., Coelho, M. M. & Palmeirim, J. M. (2009). Population structure of a cave-dwelling bat, miniopterus schreibersii: Does It reflect history and social organization?. Journal of Heredity. 100 (5), 533 -544 - Times Cited Web of Science®: 43 - Times Cited Scopus: 44 - Times Cited Google Scholar: 70
22	B Gomes, CSousa, Novo, M.T., Freitas, F.B., Alves, R., Côrte-Real, A.R....JPinto (2009). Asymmetric introgression between sympatric molestus and pipiens forms of Culex pipiens (Diptera: Culicidae) in the Comporta region, Portugal. BMC Evolutionary Biology. 9 - Times Cited Web of Science®: 113 - Times Cited Scopus: 101 - Times Cited Google Scholar: 149
23	Oliveira, E., salgueiro, P., Palsson, K., Vicente, J.L., Arez, A.P., Jaenson, T.G....João Pinto (2008). High levels of hybridization between molecular forms of Anopheles gambiae from Guinea Bissau. Journal of Medical Entomology. 45 (6), 1057-1063 - Times Cited Web of Science®: 80 - Times Cited Scopus: 74 - Times Cited Google Scholar: 111

24	salgueiro, P., Palmeirim, J.M., Ruedi, M. & Coelho, M.M. (2008). Gene flow and population structure of the endemic Azorean bat (Nyctalus azoreum) based on microsatellites: Implications for conservation. Conservation Genetics. 9, 1163-1171 - Times Cited Web of Science®: 16 - Times Cited Scopus: 14 - Times Cited Google Scholar: 22
25	Vicente, J. L., salgueiro, P., Arez, A. P., Cravo, P. V. L., Ferreira, C., Rosario, V. E....João Pinto (2007). Genetic characterisation of plasmodium falciparum populations in Sao Tome and Principe Islands, West Africa. Tropical Medicine & International Health. 12 (Supl. 1)
26	Moreno, M., salgueiro, P., Vicente, J.L., Cano, J., Berzosa, P.J., De Lucio, A....Benito, A. (2007). Genetic population structure of Anopheles gambiae in Equatorial Guinea. Malaria Journal. 6 - Times Cited Web of Science®: 37 - Times Cited Scopus: 33 - Times Cited Google Scholar: 49
27	salgueiro, P., Ruedi, M., Coelho, M.M. & Palmeirim, J.M. (2007). Genetic divergence and phylogeography in the genus Nyctalus (Mammalia, Chiroptera): Implications for population history of the insular bat Nyctalus azoreum. Genetica. 130, 169-181 - Times Cited Web of Science®: 36 - Times Cited Scopus: 32 - Times Cited Google Scholar: 53
28	salgueiro, P., Coelho, M.M., Palmeirim, J.M. & Ruedi, M. (2004). Mitochondrial DNA variation and population structure of the island endemic Azorean bat (Nyctalus azoreum). Molecular Ecology. 13 (11), 3357-3366 - Times Cited Web of Science®: 44 - Times Cited Scopus: 33 - Times Cited Google Scholar: 65
29	salgueiro, P., Carvalho, G., Collares-Pereira, M.J. & Coelho, M.M. (2003). Microsatellite analysis of genetic population structure of the endangered cyprinid Anaecypris hispanica in Portugal: Implications for conservation. Biological Conservation. 109 (1), 47-56 - Times Cited Web of Science®: 70 - Times Cited Scopus: 62 - Times Cited Google Scholar: 111
30	Richardson, D.S., Jury, F.L., Dawson, D.A., salgueiro, P., Komdeur, J. & Burke, T. (2000). Fifty Seychelles warbler (Acrocephalus sechellensis) microsatellite loci polymorphic in Sylviidae species and their cross-species amplification in other passerine birds. Molecular Ecology. - Times Cited Web of Science®: 183 - Times Cited Scopus: 171 - Times Cited Google Scholar: 222

- Editorial

1	Genta F, Fernando A. Genta, Hector M. Diaz-Albiter, H Diaz-Albiter, salgueiro, P. & Gomes B. (2016). Control of Vector-Borne Human Parasitic Diseases. BioMed Research International. 2016 - Times Cited Web of Science®: 6 - Times Cited Scopus: 8 - Times Cited Google Scholar: 13

• Books and Book Chapters

- Book chapter

1	Salgueiro, P., Falcão, R., Assane, A., Chivinda, L., Mendonça, M., do Nascimento, S....Amaro de Matos, J. (2019). Projeto UDI-África (Erasmus+) Parceria com impacto no desenvolvimento de capacidades e inovação do Ensino Superior da África lusófona. In Cristina Montalvão Sarmento, Pandora Guimarães, Patrícia Oliveira (Ed.), ARTE E CULTURA NA IDENTIDADE DOS POVOS. (pp. 355-366). Lisboa: Associação das Universidades de Língua Portuguesa (AULP). - Times Cited Google Scholar: 1
2	salgueiro, P., C. Sousa, Vicente, J, do Rosário V. & PintoJ (2010). Estrutura genética do vector de malária Anopheles atroparvus em Portugal: implicações num contexto de aquecimento global. In Tomás de Figueiredo, Luís Frölén Ribeiro, António Castro Ribeiro (Ed.), II Workshop Clima e Recursos Naturais – Bragança, Portugal 15 a 19 de Novembro 2010 – Livro de Acta. (pp. 357-362). Bragança: Instituto Politécnico de Bragança.

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	salgueiro, P. (2008). Variabilidade e estrutura genética das populações de Plasmodium falciparum no arquipélago de S. Tomé e Príncipe, com base em microssatélites. In 44º Congresso da Sociedade Brasileira de Medicina Tropical, 2º Encontro de Medicina Tropical do Cone Sul e 3º Encontro de Medicina Tropical dos Países de Língua Portuguesa: resumos do congresso / 44th Congress of the Brazilian Society of Tropical Medicine, 2nd Tropical Medicine Meeting of the Southern Cone and 3rd Tropical Medicine Meeting of the Portuguese Language Countries: abstracts of the congress. (pp. 46). Porto Alegre: Sociedade Brasileira de Medicina Tropical .

- Talk

1	salgueiro, P. (2016). O que é que Zika, Dengue, Chinkunkunya e Febre Amarela têm em comum?. III Jornadas Ciências Biomédicas 2016. Instituto Universitário de Ciências da Saúde, CESPU, Porto, Portugal.
2	salgueiro, P. (2016). Genética populacional de mosquitos vetores: ferramenta para controle de malária, dengue e zika. Livro de Resumos do XVII Congresso Ibérico de Entomologia .

• Other Publications

- Other publications

1	salgueiro, P. (2014). Genetic structure and resistance to pyrethroids in Aedes aegypti populations in French Guiana: Preliminary results and perspectives. Abstract Book of Amazonian Conference on Emerging and Infectious Diseases (ACEID), p. 42. STRONGER Project, Cayenne, French Guiana. 42-42
2	salgueiro, P. (2014). Genetic diversity and population structure of Aedes aegypti from Cape Verde (West African): a temporal survey. Abstract Book of Amazonian Conference on Emerging and Infectious Diseases (ACEID), p. 40-41.
3	salgueiro, P. (2013). Aedes aegypti em Cabo Verde: análise do gene mitocondrial COI. Livro de Resumos II Congresso Nacional de Medicina Tropical. IHMT, Lisboa. - Times Cited Google Scholar: 1
4	salgueiro, P. (2013). Genetic structure of Glossina palpalis gambiensis (Diptera: Glossinidae) in the Republic of Guinea Bissau. Handbook of Conference on Fighting Neglected Tropical Diseases in Portuguese-speaking African countries.

5	salgueiro, P. (2013). Aedes aegypti in Portugal, Brazil and Cape Verde: population genetics tool for dengue control. Handbook of Conference on Fighting Neglected Tropical Diseases in Portuguese-speaking African countries.
6	salgueiro, P. (2013). Efeitos da diversidade populacional de Plasmodium sp. na dinâmica da transmissão da malária, na Guiné Equatorial (awarded poster). Livro de Resumos das 4as Jornadas Científicas do IHMT.
7	salgueiro, P. (2010). Diversidade genética e estrutura populacional de Plasmodium falciparum no arquipélago de São Tomé e Príncipe. Acta Parasitológica Portuguesa 17 (1/2): 124.
8	salgueiro, P. (2007). Origem, evolução e fluxo genético do vector da malária Anopheles gambiae. Revista da Sociedade Brasileira de Medicina Tropical 70 (Suppl. I): 158 (IF: 0.926). 70 (Suppl. I)
9	salgueiro, P. (2004). Bats of the Atlantic archipelagos of Azores and Madeira: status and habitat use. Bat Research News 45 (3): 143.
10	salgueiro, P. (2002). Genetics and conservation of the Azorean bat Nyctalus azoreum. Bat Research News 43 (3): 108.
11	salgueiro, P. (1996). A lontra (Lutra lutra). Suplemento da colecção “Espécies Ameaçadas em Portugal”. Fórum Ambiente.

- Doctoral Thesis

1	salgueiro, P. (2007). Genetic structure and gene flow of fragmented bat populations.

- Report

1	salgueiro, P. (2017). REPORT on the Workshop on "Malaria Transmission: current challenges and new tools in the elimination context".
2	salgueiro, P. (2000). Uma estratégia de conservação para o saramugo (Anaecypris hispanica), um endemismo piscícola em extinção. - Times Cited Google Scholar: 4
3	salgueiro, P. (1999). Estrutura genética das populações de Acrocephalus sechellensis por análise de microssatélites/ Genetic structure of the Seychelles warbler Acrocephalus sechellensis populations through microsatellite analysis, Bsc thesis.

Research Projects

Project Title	Role in Project	Partners	Period
Science for Global Challenges	Researcher	Iscte-CI - Leader, SocialDigital Lab - Technical Coordinator, BRU-Iscte, CEI-Iscte, CIES-Iscte - Technical Coordinator, IT-Iscte, CRIA-Iscte, DINAMIA'CET-Iscte, ISTAR-Iscte, MNHNC - Leader (Portugal), UMinho - (Portugal), NOVA ID - (Portugal), UEvora - (Portugal), CML - (Portugal), ESHTE - (Portugal), INL - (Portugal), UC - (Portugal)	2024 - 2026

Master's Degree of Managing Digital Transformation in the Health Sector	Researcher	Iscte - Leader, LAUREA - (Finland), AUTH - (Greece), UNI EIFFEL - (France), IT-IUL - (Portugal), Clinipower - (Finland), Whymob - (Portugal), MundiConsulting - (Portugal)	2023 - 2026