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## Patrícia Salgueiro

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### 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  $h=17$ ,  $i_{10}=21$  (<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, Switzerland). 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 Commission (COST and MSC Actions), editor in 3 international journals and reviewer for 16.

### Research Interests

## 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	Licenciante	Biologia	1999

## Total Citations

Web of Science®	925
Scopus	840

## Publications

### • Scientific Journals

#### - Scientific journal paper

1	<p>salgueiro, P., Célia Serrano, Bruno Gomes, Joana Alves, Carla A. Sousa, Ana Abecasis...João Pinto (2019). Phylogeography and invasion history of <i>Aedes aegypti</i>, the Dengue and Zika mosquito vector in Cape Verde islands (West Africa). <i>Evolutionary Applications</i>. 12, 1797-1811</p> <p>- Times Cited Web of Science®: 20 - Times Cited Scopus: 19 - Times Cited Google Scholar: 34</p>
2	<p>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 <i>Aedes aegypti</i> from Brazil and French Guiana. <i>Memórias do Instituto Oswaldo Cruz</i>. 114</p> <p>- Times Cited Web of Science®: 14 - Times Cited Scopus: 13 - Times Cited Google Scholar: 15</p>
3	<p>Gonçalo Seixas, salgueiro, P., Aline Bronzato-Badial, Ysabel Gonçalves, Matias Reyes-Lugo, Vasco Gordicho...Carla A. Sousa (2019). Origin and expansion of the mosquito <i>Aedes aegypti</i> in Madeira Island (Portugal). <i>Scientific Reports</i>.</p> <p>- Times Cited Web of Science®: 37 - Times Cited Scopus: 33 - Times Cited Google Scholar: 67</p>
4	<p>Isabel Craveiro, Gonçalves, Luzia, Varanda, Jorge &amp; salgueiro, P. (2018). Malaria transmission: current challenges and new tools in the elimination context – revisiting a workshop at IHMT. <i>Anais do Instituto de Higiene e Medicina Tropical</i>. 16, 41-44</p>

5	<p>salgueiro, P. (2018). Phylogenetics and population genetics tools for vectors and vector-borne pathogens: COST Action EurNegVec, Training School 6. <i>Anais do Instituto de Higiene e Medicina Tropical</i>. 16, 31-36</p>
6	<p>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. <i>Antimicrobial Agents and Chemotherapy</i>. 61</p> <p>- Times Cited Web of Science®: 17  - Times Cited Scopus: 17  - Times Cited Google Scholar: 22</p>
7	<p>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). <i>Parasites &amp; Vectors</i>. 9 (515)</p> <p>- Times Cited Web of Science®: 5  - Times Cited Scopus: 5  - Times Cited Google Scholar: 7</p>
8	<p>Gomes, J., Salgueiro, P., Inácio J, Amaro A, Pinto J, Tait A....Weir W. (2016). Population diversity of Theileria annulata in Portugal. <i>Infection, Genetics and Evolution</i>. 42, 14-19</p> <p>- Times Cited Web of Science®: 27  - Times Cited Scopus: 28  - Times Cited Google Scholar: 35</p>
9	<p>salgueiro, P., Vicente J, Figueiredo R. &amp; Pinto J (2016). Genetic diversity and population structure of Plasmodium falciparum over space and time in an African archipelago. <i>Infection, Genetics and Evolution</i>. 43, 252-260</p> <p>- Times Cited Web of Science®: 7  - Times Cited Scopus: 5  - Times Cited Google Scholar: 9</p>
10	<p>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. <i>Anais do Instituto de Higiene e Medicina Tropical</i>. 14, 47-56</p>
11	<p>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. <i>Memórias do Instituto Oswaldo Cruz</i>. 108 (Supl. 1), 3-10</p> <p>- Times Cited Web of Science®: 45  - Times Cited Scopus: 37  - Times Cited Google Scholar: 75</p>
12	<p>Angêlla, A., salgueiro, P., Gil, L., Vicente, JL, Pinto J &amp; Ribolla, P. (2014). Seasonal genetic partitioning in the neotropical malaria vector Anopheles darlingi (Diptera: Culicidae). <i>Malaria Journal</i>. 13 (1)</p> <p>- Times Cited Web of Science®: 30  - Times Cited Scopus: 23</p>
13	<p>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. <i>Malaria Journal</i>. 12</p> <p>- Times Cited Web of Science®: 23  - Times Cited Scopus: 20  - Times Cited Google Scholar: 24</p>

14	<p>salgueiro, P., Moreno, M., Simard, F., O'Brochta, D. &amp; João Pinto (2013). New Insights into the Population Structure of <i>Anopheles gambiae</i> s.s. in the Gulf of Guinea Islands Revealed by Herves Transposable Elements. <i>PLoS ONE</i>. 8 (4)</p> <p>- Times Cited Web of Science®: 7</p> <p>- Times Cited Scopus: 7</p> <p>- Times Cited Google Scholar: 13</p>
15	<p>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 <i>Anopheles atroparvus</i> in southern Europe. <i>Malaria Journal</i>. 10</p> <p>- Times Cited Web of Science®: 38</p> <p>- Times Cited Scopus: 36</p> <p>- Times Cited Google Scholar: 56</p>
16	<p>Nuno Miguel Carmona de Jesus Rolão, salgueiro, P., Maria Odete Afonso &amp; João Pinto (2011). Genetic structure of <i>Glossina palpalis gambiensis</i> (Diptera: Glossinidae) in the Republic of Guinea Bissau. <i>Tropical Medicine &amp; International Health</i>. 16, 190-190</p>
17	<p>Vicente J.L., Yawson A.E., salgueiro, P., Santolamazza F, Moreno M., Charlwood J.D....Pinto J (2011). A continent-wide microsatellite survey reveals further complexities in the population structure of <i>Anopheles gambiae</i> s.s. (Diptera: Culicidae). <i>American Journal of Tropical Medicine and Hygiene</i>. 85 (6), 309-309</p>
18	<p>Charlwood, J.D., Tomás, E.V., salgueiro, P., Egyir-Yawson, A., Pitts, R.J. &amp; Pinto J (2011). Studies on the behaviour of peridomestic and endophagic M form <i>Anopheles gambiae</i> from a rice growing area of Ghana. <i>Bulletin of Entomological Research</i>. 101 (5), 533-539</p> <p>- Times Cited Web of Science®: 9</p> <p>- Times Cited Scopus: 11</p> <p>- Times Cited Google Scholar: 17</p>
19	<p>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 <i>Plasmodium falciparum</i>. <i>BMC Infectious Diseases</i>. 10</p> <p>- Times Cited Web of Science®: 18</p> <p>- Times Cited Scopus: 13</p> <p>- Times Cited Google Scholar: 26</p>
20	<p>salgueiro, P., Palmeirim, J.M. &amp; Coelho, M.M. (2010). Lack of gene flow between the insular bat, <i>Nyctalus azoreum</i> and its mainland ancestor <i>Nyctalus leisleri</i> (vesperilionidae, chiroptera): Evidence from microsatellites. <i>Folia Zoologica</i>. 59 (1), 26-34</p> <p>- Times Cited Scopus: 1</p> <p>- Times Cited Google Scholar: 7</p>
21	<p>Pereira, M. J. R., Salgueiro, P., Rodrigues, L., Coelho, M. M. &amp; Palmeirim, J. M. (2009). Population structure of a cave-dwelling bat, <i>miniopterus schreibersii</i>: Does It reflect history and social organization?. <i>Journal of Heredity</i>. 100 (5), 533 -544</p> <p>- Times Cited Web of Science®: 43</p> <p>- Times Cited Scopus: 44</p> <p>- Times Cited Google Scholar: 70</p>
22	<p>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 <i>Culex pipiens</i> (Diptera: Culicidae) in the Comporta region, Portugal. <i>BMC Evolutionary Biology</i>. 9</p> <p>- Times Cited Web of Science®: 113</p> <p>- Times Cited Scopus: 101</p> <p>- Times Cited Google Scholar: 151</p>

23	<p>Oliveira, E., salgueiro, P., Pálsson, K., Vicente, J.L., Arez, A.P., Jaenson, T.G....João Pinto (2008). High levels of hybridization between molecular forms of <i>Anopheles gambiae</i> from Guinea Bissau. <i>Journal of Medical Entomology</i>. 45 (6), 1057-1063</p> <p>- Times Cited Web of Science®: 80</p> <p>- Times Cited Scopus: 74</p> <p>- Times Cited Google Scholar: 112</p>
24	<p>salgueiro, P., Palmeirim, J.M., Ruedi, M. &amp; Coelho, M.M. (2008). Gene flow and population structure of the endemic Azorean bat (<i>Nyctalus azoreum</i>) based on microsatellites: Implications for conservation. <i>Conservation Genetics</i>. 9, 1163-1171</p> <p>- Times Cited Web of Science®: 16</p> <p>- Times Cited Scopus: 14</p> <p>- Times Cited Google Scholar: 22</p>
25	<p>Vicente, J. L., salgueiro, P., Arez, A. P., Cravo, P. V. L., Ferreira, C., Rosario, V. E....João Pinto (2007). Genetic characterisation of <i>Plasmodium falciparum</i> populations in Sao Tome and Principe Islands, West Africa. <i>Tropical Medicine &amp; International Health</i>. 12 (Supl. 1)</p>
26	<p>Moreno, M., salgueiro, P., Vicente, J.L., Cano, J., Berzosa, P.J., De Lucio, A....Benito, A. (2007). Genetic population structure of <i>Anopheles gambiae</i> in Equatorial Guinea. <i>Malaria Journal</i>. 6</p> <p>- Times Cited Web of Science®: 37</p> <p>- Times Cited Scopus: 33</p> <p>- Times Cited Google Scholar: 49</p>
27	<p>salgueiro, P., Ruedi, M., Coelho, M.M. &amp; Palmeirim, J.M. (2007). Genetic divergence and phylogeography in the genus <i>Nyctalus</i> (Mammalia, Chiroptera): Implications for population history of the insular bat <i>Nyctalus azoreum</i>. <i>Genetica</i>. 130, 169-181</p> <p>- Times Cited Web of Science®: 36</p> <p>- Times Cited Scopus: 32</p> <p>- Times Cited Google Scholar: 53</p>
28	<p>salgueiro, P., Coelho, M.M., Palmeirim, J.M. &amp; Ruedi, M. (2004). Mitochondrial DNA variation and population structure of the island endemic Azorean bat (<i>Nyctalus azoreum</i>). <i>Molecular Ecology</i>. 13 (11), 3357-3366</p> <p>- Times Cited Web of Science®: 44</p> <p>- Times Cited Scopus: 33</p> <p>- Times Cited Google Scholar: 65</p>
29	<p>salgueiro, P., Carvalho, G., Collares-Pereira, M.J. &amp; Coelho, M.M. (2003). Microsatellite analysis of genetic population structure of the endangered cyprinid <i>Anaocypris hispanica</i> in Portugal: Implications for conservation. <i>Biological Conservation</i>. 109 (1), 47-56</p> <p>- Times Cited Web of Science®: 70</p> <p>- Times Cited Scopus: 62</p> <p>- Times Cited Google Scholar: 112</p>
30	<p>Richardson, D.S., Jury, F.L., Dawson, D.A., salgueiro, P., Komdeur, J. &amp; Burke, T. (2000). Fifty Seychelles warbler (<i>Acrocephalus sechellensis</i>) microsatellite loci polymorphic in <i>Sylviidae</i> species and their cross-species amplification in other passerine birds. <i>Molecular Ecology</i>.</p> <p>- Times Cited Web of Science®: 183</p> <p>- Times Cited Scopus: 171</p> <p>- Times Cited Google Scholar: 223</p>

- Editorial

1	<p>Genta F, Fernando A. Genta, Hector M. Diaz-Albiter, H Diaz-Albiter, salgueiro, P. &amp; Gomes B. (2016). Control of Vector-Borne Human Parasitic Diseases. BioMed Research International. 2016</p> <p>- Times Cited Web of Science®: 6</p> <p>- Times Cited Scopus: 8</p> <p>- Times Cited Google Scholar: 13</p>
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## • Books and Book Chapters

### - Book chapter

1	<p>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).</p> <p>- Times Cited Google Scholar: 1</p>
2	<p>salgueiro, P., C. Sousa, Vicente, J, do Rosário V. &amp; Pintoj (2010). Estrutura genética do vector de malária Anopheles atroparvus em Portugal: implicações num contexto de aquecimento global. In Tomás de Figueiredo, Luís Frólén 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.</p>

## • Conferences/Workshops and Talks

### - Publication in conference proceedings

1	<p>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 .</p>
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### - Talk

1	<p>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.</p>
2	<p>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 .</p>

## • Other Publications

### - Other publications

1	<p>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</p>
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2	salgueiro, P. (2014). Genetic diversity and population structure of <i>Aedes aegypti</i> 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). <i>Aedes aegypti</i> 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 <i>Glossina palpalis gambiensis</i> (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). <i>Aedes aegypti</i> 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 <i>Plasmodium</i> 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 <i>Plasmodium falciparum</i> 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 <i>Anopheles gambiae</i> . 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 <i>Nyctalus azoreum</i> . Bat Research News 43 (3): 108.
11	salgueiro, P. (1996). A lontra ( <i>Lutra lutra</i> ). Suplemento da colecção "Espécies Ameaçadas em Portugal". Fórum Ambiente.

#### - Doctoral Thesis

1	salgueiro, P. (2007). Genetic structure and gene flow of fragmented bat populations.
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#### - 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 ( <i>Anaecypris hispanica</i> ), um endemismo piscícola em extinção. - Times Cited Google Scholar: 4
3	salgueiro, P. (1999). Estrutura genética das populações de <i>Acrocephalus sechellensis</i> por análise de microssatélites/ Genetic structure of the Seychelles warbler <i>Acrocephalus sechellensis</i> 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, CÉI-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