2020

CURRICULUM VITAE

João Pedro Soares da Silva Pinto

PERSONAL DATA

NAME:	João Pedro Soares da Silva Pinto.
BIRTH DATE AND PLACE:	14th of March 1971, Luanda, Angola.
NATIONALITY:	Portuguese/Angolan.
ADDRESS:	Largo Professor Fernando da Fonseca nº 4, 6 Dto. Linda-a-Velha. 2795-080 Oeiras, Portugal.
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ACADEMIC DEGREES

2017: Post-Doctoral Aggregation in Biomedical Sciences – Parasitology. Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa.

2003: Philosophy Doctor in Biology – Genetics. Faculdade de Ciências, Universidade de Lisboa (Lisbon, Portugal).

1994: Graduation *(Licenciatura)* in Biology (scientific branch – Zoology). Faculdade de Ciências, Universidade de Lisboa (Lisbon, Portugal).

SCIENTIFIC AND PROFESSIONAL ACTIVITIES

- **Positions**

Since 2018: Director of the Medical Parasitology Unit of the Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa (UNL).

Since 2015: Leader of the Vector Borne Diseases & Pathogens Group of the Research Centre Global Health and Tropical Medicine (GHTM), Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa (UNL).

Since 2009: Assistant Professor of the Medical Parasitology Unit, Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa (UNL).

2011-2015: Leader of the Medical Parasitology Group of the Associated Laboratory Centro de Malária e outras Doenças Tropicais (CMDT), Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa (UNL).

2006-2009: Postdoctoral Researcher at CMDT, IHMT, UNL.

2003-2006: Post-Doctoral Fellow (FCT/MCES, Portugal) at CMDT and Liverpool School of Tropical Medicine, United Kingdom.

1998-2002: Ph.D. Fellow (FCT/MCES, Portugal) at CMDT, IHMT, UNL.

1997-1998: Laboratory Technician Fellow (FCT/MCES, Portugal) at CMDT, IHMT, UNL.

1994-1996: Research Assistant fellow (FCT/MCES, Portugal) at CMDT, IHMT, UNL.

- **Projects (PI/team leader)**

2018: *Arbomonitor: Dengue, Chikungunya and Zika vector in Europe: cost effective optimization of surveillance and control.* Portugal 2020/Fundação para a Ciência e a Tecnologia (PTDC/BIA-OUT/29477/2017). (PI).

2016: *ZIKAlliance: A global alliance for Zika virus control and prevention.* Horizon 2020/EC H2020-SC1-2016-RTD-Zika (contract nº 734548). (Team Leader).

2016: *WIN: Worldwide insecticide resistance network in mosquito vectors of arboviruses.* UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR). (Team leader).

2014: *Spatio-temporal variation in pyrethroid resistance of Aedes aegypti from the cross-border region of Brazil and France: improving our knowledge on insecticide resistance dynamics.* FIOCRUZ – PASTEUR Agreement 2013. (Team Leader).

2012: *Speciation with gene flow and isolation genes in the mosquito Anopheles gambiae (Diptera: Culicidae)*. FCT/MEC, Portugal (PTDC/BIA-EVF/120407/2010). (PI).

2011: *Population genetics and insecticide resistance in the Dengue mosquito vector (Aedes aegypti) in Brasil*. Convénio FCT/CAPES. (PI).

2009: *INFRAVEC: Research capacity for the implementation of genetic control of mosquitoes.* FP7-INFRASTRUCTURES-2008-1/EU (Prop. nº 228421). (Team Leader).

2005: *Systematics and evolution of Culex pipiens from Portugal and Macaronesian islands.* FCT/MCTES, Portugal (POCI/BIA-BDE/57650/2004). (PI).

2005: *Population structure and gene flow of malaria parasites on islands.* FCT/MCTES, Portugal (POCI/SAU-ESP/56903/2004). (PI).

2005: *Malaria vectors in islands, studies on genetic isolation.* UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR) (OD/TS-05-00283). (PI).

- **Evaluation**

  - Agence d'Évaluation de la Recherche et de l'Enseignement Supérieur (France): R&D Unit evaluation panel member (2013).
  - FP7 Marie Curie COFUND Programme I-MOVE (EU): Post-Doctoral fellowship external reviewer (2012).
  - Fundação de Amparo à Pesquisa de São Paulo (Brasil): External reviewer of projects and individual fellowships (since 2016).

- Fundação para a Ciência e a Tecnologia (Portugal): PhD and Post-Doctoral fellowships. Member of Evaluation Panels of Clinical Medicine and Health Sciences (2014) and Biological Sciences (2013).
- INFRAVEC2/H2020 consortium: member of the Selection Panel of user requests for access to insect vector research resources (2017).
- Research Promotion Foundation of Cyprus: Post-Doctoral fellowship and Research Project external reviewer (2011, 2018).
- TDR Global Crowdfunding Challenge Contest 2019 (UK): Phase II Projects evaluator (2019).
- The Royal Scociety/African Academy of Sciences FLAIR Fellowships 2020 (UK): External reviewer (2019).
- The Wellcome Trust (UK): Project grant external reviewer (2008, 2010).
- The Wellcome Trust/DBT India Alliance (India): Post-Doctoral fellowship external reviewer (2012).

Editorial and peer-reviewing activities

Since 2011: Member of the Academic Editorial Board of *PloS ONE*.

Since 2005: Manuscript reviewer for the following journals:

- *African Entomology, American Journal of Tropical Medicine and Hygiene, BMC Evolutionary Biology, Evolution (International Journal of Organic Evolution), Ecology and Evolution, Evolutionary Applications, Gene, Genome Biology and Evolution, Heredity, Infection Genetics and Evolution, Insect Molecular Biology, Insect Science, International Journal of Parasitology, Journal of Heredity, Journal of Infectious Diseases, Journal of Vector-Borne Diseases, Journal of Vector Ecology, Malaria Journal, Malaria Research and Treatment, Medical and Veterinary Entomology, Molecular Ecology, Nature Ecology and Evolution, Parasites and Vectors, Pesticide Biochemistry and Physiology, Proceedings of the National Academy of Sciences of the USA, PLoS Neglected Tropical Diseases, PLoS ONE, Transactions of the Royal Society of Tropical Medicine and Hygiene, Vector-Borne and Zoonotic Diseases.*

TEACHING AND STUDENT SUPERVISION

- **Teaching experience**

Course coordination

2015-2020: Coordinator of the Ph.D. Programme in Biomedical Sciences of the IHMT, UNL.

2014-2015: Coordinator of the M.Sc. Programme in Medical Parasitology of the IHMT, UNL.

Coordination of course modules

Since 2013: Curricular Unit "*Computational Biology and Bioinformatics*". Ph.D. program in Human Genetics and Infectious Diseases, IHMT, UNL.

Since 2010: Curricular Unit *"Control of Parasitic Diseases".* M.Sc. course in Medical Parasitology, IHMT, UNL.

2013-2018: Curricular Unit "*Research Progress and Perspectives*" Ph.D. program in Human Genetics and Infectious Diseases, IHMT, UNL.

Organization of short-courses

2019: *Training on genotyping of mutations associated with knockdown insecticide resistance in Anopheles arabiensis*. Instituto Nacional de Saúde Pública, Praia, Cabo Verde.

2012: *Molecular studies on malaria entomology.* Instituto Evandro Chagas, Belém PA, Brasil.

2011: *Microsatellites analysis in mosquito vectors*. Instituto de Biociências (IB), Universidade Estadual Paulista Júlio de Mesquita Filho (UNESP), Botucatu SP, Brasil.

2011: *Insecticide resistance in malaria vectors*. Instituto Evandro Chagas, Belém PA, Brasil.

2010: *Entomology techniques for monitoring vector control*. Instituto Nacional de Saúde Pública, Bissau, Guiné-Bissau.

2008: *Workshop on malaria population genetics: parasites, vectors and humans*. Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa.

2006: *Insecticide resistance in malaria vectors*. Instituto Nacional de Saúde Pública, Luanda, Angola.

- **Student supervision**

Post-doctoral supervision

2020: Vera Valadas (Portugal): Post-doctoral Research Fellow within the project "Arbomonitor: Dengue, Chikungunya and Zika vector in Europe: cost effective optimization of surveillance and control." Portugal 2020/FCT (nº 29477). Supervisor. On-going.

2019: Renata Schama Lellis (Brazil): Post-doctoral Research Fellow within the project "Arbomonitor: Dengue, Chikungunya and Zika vector in Europe: cost effective optimization of surveillance and control." Portugal 2020/FCT (nº 29477). Supervisor.

2018: Constância Ayres (Brazil): Post-doctoral Research Fellow within the project "ZIKAlliance: A global alliance for Zika virus control and prevention" (Horizon 2020, Contract nº 734548). Supervisor.

2018: Patrícia Salgueiro (Portugal): Post-doctoral Research Fellow - "Population genetics of the vector *Aedes aegypti*: implications for epidemiology and control of dengue" (SFRH/BPD/72532/2010, FCT/MCTES, Portugal). Supervisor.

2011: Isabel Calderón (Spain): Post-doctoral Research Fellow - "Mechanisms of isolation and hybridization between incipient species of the malaria mosquito vector Anopheles gambiae (Diptera: Culicidae)" (SFRH/BPD/72541/2010, FCT/MCTES, Portugal). Supervisor.

2007: Josiane Etang (Cameroon): Medical researcher of the OCEAC–Organisation de Coordination pour la lutte contre les Endémies en Afrique Centrale (Yaoundé, Cameroon). 6-months training action on sequencing analysis of knockdown resistance genes (UNICEF/UNDP/World Bank/OMS-TDR, starting grant). Supervisor.

2006: Alexander Yawson (Ghana): Post-doctoral Research Fellow within the framework of the project "Malaria vectors in islands, studies on genetic isolation" (UNICEF/UNDP/World Bank/OMS-TDR). Supervisor.

Ph.D. students

2017: Jorge Arroz (Mozambique): *Comparing two bed nets delivery models in rural districts of Mozambique*. Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa. Co-supervisor.

2014: Gonçalo Seixas (Portugal): *Insecticide resistance of the Dengue vector Aedes aegypti from Madeira Island: implications for vector control*. Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa. Co-supervisor.

2014: Aline Ribeiro Bronzato (Brazil): Analysis of the population structure of *Aedes aegytpi (Linnaeus, 1762) in Brasil.* Universidade Estadual Paulista, Brazil. CAPES External supervisor.

2013: Bruno Gomes da Silva (Portugal): *Genetic studies on the mosquito vector Culex pipiens*. Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa. Supervisor.

2008: Aline Angêlla (Brazil): *Studies on the genetic structure of the neotropical malaria vector Anopheles darlingi in Rondônia, Brazil*. Universidade Estadual Paulista, Brazil. CAPES External supervisor.

M.Sc. students

2019: Telcia Manhique (Mozambique): *Studies on mosquito vectors in the archipelago of Quirimbas*. M.Sc. in Applied Ecology, Universidade do Lúrio. Supervisor. On-going.

2019: Francisco Belo (Portugal): *Genetic characterisation of Wolbachia infections in natural populations of Aedes albopictus from Europe.* M.Sc. in Biomedical Sciences, Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa. Co-supervisor. On-going.

2018: Inilça Monteiro (Cabo Verde): *Insecticide susceptibility and efficacy of indoors residual spraying against Aedes aegypti in Cabo Verde.* M.Sc. in Medical Parasitology, Instituto de Higiene e Medicina Tropical. Co-supervisor.

2018: Fabião Ocante (Guinea Bissau): *Mosquito vector distribution in rural and urban areas of Bissau, Guinea-Bissau*. M.Sc. in Medical Parasitology, Instituto de Higiene e Medicina Tropical. Supervisor.

2016: Ayubo Amisse Kampango (Mozambique): *Host location by exophagic African malaria vectors*. M.Sc. in Biomedical Sciences, Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa. Co-supervisor.

2014: José Luis Vicente (Portugal): *Entomological parameters of importance to malaria transmission by members of the Anopheles gambiae complex in Guinea Bissau*. M.Sc. in Medical Parasitology, Instituto de Higiene e Medicina Tropical. Supervisor.

2012: Vasco Gordicho (Portugal): *Immunity and speciation: the role of TEP-1 gene on the divergence of molecular forms of the malaria vector Anopheles gambiae*. M.Sc. in Medical Parasitology, Instituto de Higiene e Medicina Tropical. Supervisor.

2012: Arlete Dina Troco (Angola): *Insecticide resistance in Anopheles gambiae from Luanda, Angola*. M.Sc. in Medical Parasitology, Instituto de Higiene e Medicina Tropical. Supervisor.

2011: Amen Nakebang Fadel (Chad): *Behavioural determinants of insecticide resistance in the malaria vector Anopheles gambiae*. Master International d'Entomologie Medicale et Veterinaire (MIE). Supervisor.

2009: Ana Sofia Lopes (Portugal): *Variability of genes coding for Gram-negative bindig proteins (GNBP) in malaria mosquito vectors*. M.Sc. in Biomedical Sciences, Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa. Co-supervisor.

2011: Eliane Arez (Portugal): *Population structure of Glossina palpalis gambiensis in Guinea Bissau*. M.Sc. in Medical Parasitology, Instituto de Higiene e Medicina Tropical. Supervisor.

2008: Ana Côrte-Real (Portugal): *Morphological and genetic differentiation between 'pipiens' and 'molestus' forms of the mosquito (Diptera: Culicidae) Culex pipiens L*. M.Sc. in Human Biology and Environment, Faculdade de Ciências, Universidade de Lisboa. Supervisor.

2008: Vânia Teófilo (Cabo Verde): *Studies on resistance to the antimalarials sulfadoxine and pyrimethamine in Plasmodium falciparum from the islands of São Tomé and Príncipe: origin of point mutations in dhfr and dhps genes*. M.Sc. in Human Biology and Environment, Faculdade de Ciências, Universidade de Lisboa. Supervisor.

2007: Yolanda Kanganje (Angola): *Knockdown insecticide resistance in Anopheles gambiae Giles, 1902 populations from Angola, Southern Africa*. M.Sc. in Human Biology and Environment, Faculdade de Ciências, Universidade de Lisboa. Supervisor.

LANGUAGES

Portuguese: mother tongue.

English: Fluent (conversation, writing and reading).

Spanish: Elementary (conversation and reading).

French: Elementary (conversation and reading).

PUBLICATIONS

- **Thesis**

Pinto J. (2003). *Population structure of Anopheles gambiae Giles, 1902 and the epidemiology and control of malaria on the islands of São Tomé and Príncipe, West Africa*. Ph.D. thesis, Faculdade de Ciências, Universidade de Lisboa. February 2003.

- **Book chapter**

Sousa C.A. & Pinto J. (2014). *Artrópodes com importância médica.* In: Microbiologia Médica (Vol. 2). Eds. H. Barroso, A. Meliço Silvestre, N. Taveira. Edições Grupo LIDEL, Lisboa. pp. 516-538. ISBN: 978-972-757-576-3.

- **Articles in peer-reviewed journals**

1. Ayres C.F.J., Seixas G., Borrego S., Marques C., Monteiro I., Marques C.S., Gouveia B., Leal S., Troco A.D., Fortes F., Parreira R., **Pinto J.** & Sousa C.A. (2020). The V410L knockdown resistance mutation occurs in island and continental populations of *Aedes aegypti* in West and Central Africa. *PLoS Neglected Tropical Diseases* **14**: e0008216 5y-IF: 4,720; C: 0. [download]
2. Morais P., **Pinto J.**, Pedro C., Troco A.D., Fortes F., Sousa C.A. & Parreira R. (2020). Insect-specific flaviviruses and densoviruses, suggested to have been transmitted vertically, found in mosquitoes collected in Angola: genome detection and phylogenetic characterization of viral sequences. *Infection Genetics and Evolution* **80**: 104191. 5y-IF: 2,737 C: 0. [download]
3. Salgueiro P., Restrepo-Zabaleta J., Costa M., Galardo A.K.R., **Pinto J.**, Gaborit P., Guidez A., Martins A.J. & 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. *Memorias do Instituto Oswaldo Cruz* 114: e190120. 5y-IF: 2,260; C: 0. [download]
4. Salgueiro P., Serrano C., Gomes B., Alves J., Sousa C.A., Abecasis A. & **Pinto J.** (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. 5y-IF: 5,063; C: 0. [download]
5. Corbel V., Durot C., Achee N.L., Chandre F., Coulibaly M.B., David J.-P., Devine G.J., Dusfour I., Fonseca D.M., Griego J., Juntarajumnong W., Lenhart A., Kasai S., Martins A.J., Moyes C., Ng L.C., **Pinto J.**, Pompon J.F., Muller P., Raghavendra K., Roiz D., Vatandoost H., Vontas J. & Weetman D. (2019). Second WIN International Conference on "Integrated approaches and innovative tools for combating insecticide resistance in vectors of arboviruses", October 2018, Singapore. *Parasites & Vectors* **12**: 331. [download]
6. Seixas G., Salgueiro P., Bronzato-Badial A., Gonçalves Y., Reyes-Lugo M., Gordicho V., Ribolla P., Viveiros B., Silva A.C., **Pinto J.** & Sousa C.A. (2019). Origin and expansion of the

mosquito *Aedes aegypti* in Madeira Island (Portugal). *Scientific Reports* **9**: 2241. 5y-IF: 4,609; C: 0 [download]

7. Achee N.L., Grieco J.P., Vatandoost H., Seixas G., **Pinto J.**, Ching-NG L., Martins A.J., Juntarajumnong W., Corbel V., Gouagna C., David J.-P., Logan J., Orsborne J., Marois E., Devine G.R. & Vontas V. (2019). Alternative strategies for mosquito-borne arbovirus control. *PLoS Neglected Tropical Diseases* **13**: e0006822. 5y-IF: 4,720; C: 0. [download]

8. Kotsakiozi P., Evans B.R., Gloria-Soria A., Kamgang B., Mayanja M., Lutwama J., Le Goff G., Ayala D., Paupy C., Badolo A., **Pinto J.**, Sousa C.A., Troco A.D. & Powell J.R. (2018). Population structure of a vector of human diseases: *Aedes aegypti* in its ancestral range, Africa. *Ecology and Evolution* **8**: 7835-7848. 5y-IF: 2,788; C: 0. [download]

9. Calzetta M., Perugini E., Seixas G., Sousa C., Guelbeogo W., Sagnon N'F., della Torre A., **Pinto J.**, Pombi M. & Mancini E. (2018). A novel nested-PCR assay targeting *Plasmodium* mitochondrial DNA in field-collected *Anopheles* mosquitoes. *Medical and Veterinary Entomology* **32**: 372-377. 5y-IF: 1,986; C: 0. [download]

10. Pichler V., Bellini R., Veronesi R., Arnoldi D., Rizzoli A., Lia R.P., Otranto D., Montarsi F., Carlin S., Ballardino M., Antognini E., Salvemini M., Brianti E., Gaglio G., Manica M., Cobre P., Serini P., Velo E., Vontas J., Grigorak L., **Pinto J.**, della Torre A. & Caputo B. (2018). First evidence of resistance to pyrethroid insecticides in Italian *Aedes albopictus* populations after 26 years since invasion. *Pest Management Science* **74**: 1319-1327. 5y-IF: 3,428; C: 0. [download]

11. Arroz J.A.H., Candrinho B., Mendis C., Varela P., **Pinto J.** & Martins M.R.O. (2018), Effectiveness of a new long-lasting insecticidal nets delivery model in two rural districts of Mozambique: a before-after study. *Malaria Journal* **17**: 66. 5y-IF: 3,017; C: 0. [download]

12. Weetman D., Kamgang B., Badolo A., Moyes C.L., Shearer F., Coulibaly M., **Pinto J.**, Lambrechts L. & McCall P.J. (2018). *Aedes* mosquitoes and *Aedes*-borne arboviruses in Africa: current and future threats. *International Journal of Environmental Research and Public Health* **15**: 220. 5y-IF: 2,608; C: 0. [download]

13. The *Anopheles gambiae* 1000 Genomes Consortium [Miles A., Harding N.J., Botta G., Clarkson C., Antao T., Kozak K., Schrider D., Kern A., Redmond S., Sharakhov I., Pearson R., Bergey C., Fontaine M., Troco A., Diabate A., Costantini C., Rohatgi K., Elissa N., Coulibaly B., Dinis J., Midega J., Mbogo C., Mawejje H., Stalker J., Rockett K., Drury E., Mead D., Jeffreys A., Hubbart C., Rowlands K., Isaacs A., Jyothi D., Malangone C., Vauterin P., Jeffrey B., Wright I., Hart L., Kluczynski K., Cornelius V., MacInnis B., Henrichs C., Giacomantonio R., Ayala D., Bejon P., Besansky N., Burt A., Caputo B., della Torre A., Godfray C., Hahn M., Neafsey D., O'Loughlin S., **Pinto J.**, Riehle M., Vernick K., Weetman D., Wilding C., White B., Lawniczak M., Donnelly M. & Kwiatkowski D.] (2017). Genetic diversity of the African malaria vector *Anopheles gambiae*. *Nature* **552**: 96-100. 5y-IF: 44,958; C: 0. [download]

14. Arroz J.A.H, Mendis C., Pinto L., Candrinho B., **Pinto J.** & Martins M.R.O. (2017). Implementation strategies to increase access and demand of long-lasting insecticidal nets: a before-and-after study and scale-up process in Mozambique. *Malaria Journal*: **16**: 429 5y-IF: 3,017; C: 0. [download]

15. Seixas G., Grigoraki L., Weetman D., Vicente J.L., Silva A.C., **Pinto J.**, Vontas J. & Sousa C.A. (2017). Insecticide resistance is mediated by multiple mechanisms in recently introduced *Aedes aegypti* from Madeira Island (Portugal). *PLoS Neglected Tropical Diseases* **11**: e0005799. 5y-IF: 4,720; C: 0. [download]

16. Moyes C.L., Vontas J., Martins A.J., Ng L.C., Koou S.Y, Dusfour I., Raghavendra K., **Pinto J.**, Corbel V., David J.-P. & Weetman D. (2017). Contemporary status of insecticide resistance in the major *Aedes* vectors of arboviruses infecting humans. *PLoS Neglected Tropical Diseases* **11**: e0005625. 5y-IF: 4,720; C: 0. [download]

17. Bravo-Barriga D., Gomes B., Almeida A.P.G., Serrano-Aguilera F.J., Pérez-Martín J.E., Calero-Bernal R., Reina D., Frontera E. & **Pinto J.** (2017). The mosquito fauna of the western region of Spain with emphasis on ecological factors and the characterization of *Culex pipiens* forms. *Journal of Vector Ecology* **42**: 136-147. 5y-IF: 1,405; C: 0 [download]

18. Corbel V., Fonseca D.M., Weetman D., **Pinto J.**, Achee N.L., Chandre F., Coulibaly M.B., Dusfour I., Grieco J., Juntarajumnong W., Lenhart A., Martins A.J., Moyes C., Ng L.C., Raghavendra K., Vatandoost H., Vontas J., Muller P., Kasai S., Fouque F., Velayudhan R., Durot C. & David J.P. (2017). International workshop on insecticide resistance in vectors of arboviruses, December 2016, Rio de Janeiro, Brazil. *Parasites & Vectors* **10**: 278. 5y-IF: 3,408; C: 0. [download]

19. Vicente J.L., Clarkson C.S., Caputo B., Gomes B., Pombi M., Sousa C.A., Antao T., Dinis J., Bottà G., Mancini E., Petrarca V., Mead D., Drury E., Stalker J., Miles A., Kwiatkowski D.P., Donnelly M.J., Rodrigues A., della Torre A., Weetman D. & **Pinto J.** (2017). Massive introgression drives species radiation at the range limit of *Anopheles gambiae*. *Scientific Reports* **7**: 46451. 5y-IF: 4,609; C: 1 [download]

20. Corbel V., Achee N.L., Chandre F., Coulibaly M.B., Dusfour I., Fonseca D., Grieco J., Juntarajumnong W., Lenhart A., Martins Jr A.J., Moyes C., Lee Ching N.G., **Pinto J.**, Raghavendra K., Vatandoost H., Vontas J., Weetman D., Fouque F., Velayudhan R. & David J.-P. (2016). Tracking insecticide resistance in mosquito vectors of arboviruses: The Worldwide Insecticide Resistance Network (WIN). *PLoS Neglected Tropical Diseases* **10**: e0005054. 5y-IF: 4,720; C: 2. [download]

21. Caputo B., Pichler V., Mancini E., Pombi M., Vicente J.L., Dinis J., Steen K., Petrarca V., Rodrigues A., **Pinto J.**, della Torre A. & Weetman D. (2016). The last bastion? X chromosome genotyping of *Anopheles gambiae* species pair males from a hybrid zone reveals complex recombination within the major candidate 'genomic island of speciation'. *Molecular Ecology* **25**: 5719-5731. 5y-IF: 6,885; C: 2. [download]

22. Salgueiro P., Lopes A.L., Mendes C., Charlwood J.D., Arez A.P., **Pinto J.** & Silveira H. (2016). Molecular evolution and population genetics of a Gram-negative binding protein gene in the malaria vector *Anopheles gambiae*. *Parasites & Vectors* **9**: 515. 5y-IF: 3,408; C: 0. [download]

23. Salgueiro P., Vicente J.L., Figueiredo R.C. & **Pinto J.** (2016). Genetic diversity and population structure of *Plasmodium falciparum* over space and time in an African archipelago. *Infection Genetics and Evolution* **43**: 252-260. 5y-IF: 2,737 C: 1. [download]

24. Gomes J., Salgueiro P., Inácio J., Amaro A., **Pinto J.**, Tait A., Shiels B., da Fonseca I.P., Santos-Gomes G. & Weir W. (2016). Population diversity of *Theileria annulata* in Portugal. *Infection Genetics and Evolution* **42**: 14-19. 5y-IF: 2,737; C: 0. [download]

25. Bravo-Barriga D., Parreira R., Almeida A.P.G., Calado M., Blanco-Ciudada J., Serrano-Aguilera F.J., Pérez-Martína J.E., Sánchez-Peinado J., **Pinto J.**, Reina D. & Frontera E. (2016). *Culex pipiens* as a potential vector for transmission of *Dirofilaria immitis* and other unclassified Filarioidea in Southwest Spain. *Veterinary Parasitology* **223**: 173–180. 5y-IF: 2,434; C: 2. [download]

26. Gomes B., Wilding C.S., Weetman D., Sousa C.A., Novo M.T., Savage H.M., Almeida A.P.G., **Pinto J.** & Donnelly M.J. (2015). Limited genomic divergence between intraspecific forms of *Culex pipiens* under different ecological pressures. *BMC Evolutionary Biology* **15**: 197. 5y-IF: 3,628; C: 2. [download]

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