

CURRICULUM VITAE

PERSONAL DATA

NAME: João Pedro Soares da Silva Pinto.
BIRTH DATE AND PLACE: 14th of March, 1971, Luanda, Angola.
NATIONALITY: Portuguese/Angolan.
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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: Ph.D. 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).

PROFESSIONAL ACTIVITY

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 2015: Coordinator of the Ph.D. Programme in Biomedical Sciences of the IHMT, UNL.
Since 2009: Assistant Professor of the Medical Parasitology Unit, Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa (UNL).
2014-2015: Coordinator of the M.Sc. course in Medical Parasitology of the IHMT, 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.

RESEARCH INTERESTS

Evolutionary genetics of insect vectors. Population structure and history, gene flow and hybridisation between closely related species of vector of malaria (*Anopheles spp.*), arboviruses (*Culex pipiens*, *Aedes aegypti*) and sleeping sickness (*Glossina palpalis*).

Insecticide resistance. Epidemiological and genetic studies of target-site mechanisms of insecticide resistance; Evolutionary origin of insecticide resistance associated mutations.

PUBLICATIONS

THESIS

Ph.D. thesis: "Population structure of *Anopheles gambiae* Giles, 1902 and the epidemiology and control of malaria on the islands of São Tomé and Príncipe, West Africa". 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. H. Barroso, A. Meliço-Silvestre & N. Taveira (Eds.). Edições Grupo LIDEL, Lisboa: 516-537.

SCIENTIFIC ARTICLES

1. 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-IF¹: 3.027 [access]
2. 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: 2.540 [access]
3. 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., Maweje 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.]. Genetic diversity of the African malaria vector *Anopheles gambiae*. *Nature* **552**: 96-100. 5y-IF: 43.769; C: 0. [access]
4. 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:

¹ 5y-IF: 5-years impact factor, *InCites™ Journal Citation Reports*® 2016.

- a before-and-after study and scale-up process in Mozambique. *Malaria Journal*: **16**: 429 5y-IF: 3.027 [access]
5. 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: 4.478 [access]
 6. 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: 4.478 [access]
 7. 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: 1.481 [access]
 8. 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 (relatório de reunião). 5y-IF: 3.253 [access]
 9. 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: 4.847 [access]
 10. 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: 4.253 [access]
 11. 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: 6.644 [access]
 12. 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: 3.253 [access]
 13. 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: 2.828 [access]
 14. 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: 2.828 [access]
 15. Bravo-Barriga D., Parreira R., Almeida A.P.G., Calado M., Blanco-Ciudad J., Serrano-Aguilera F.J., Pérez-Martina 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: 2.495 [access]
16. 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 [access]
 17. Mancini E., Spinaci M.I., Gordicho V., Caputo B., Pombi M., Vicente J.L., Dinis J., Rodrigues A., Petrarca V., Weetman D., **Pinto J.** & della Torre A. (2015). Adaptive potential of hybridization among malaria vectors: introgression at the immune locus TEP1 between *Anopheles coluzzii* and *A. gambiae* in 'Far-West' Africa. *PLoS ONE* **10**: e012780. 5y-IF: 3.394 [access]
 18. Charlwood J.D., Tomás E.V., Cuamba N. & **Pinto J.** (2015). Analysis of the sporozoite ELISA for estimating infection rates in Mozambican anophelines. *Medical and Veterinary Entomology* **29**: 10-16. 5y-IF: 2.215 [access]
 19. Santolamazza F., Caputo B., Nwakanma D.C., Fanello C., Petrarca V., Conway D.J., Weetman D., **Pinto J.**, Mancini E. & Della Torre A (2015). Remarkable diversity of intron-1 of the para voltage-gated sodium channel gene in an *Anopheles gambiae* / *Anopheles coluzzii* hybrid zone. *Malaria Journal* **14**: 9. 5y-IF: 3.027 [access]
 20. Gordicho V., Vicente J.L., Sousa C.A., Caputo B., Pombi M., Dinis J., Seixas G., Palsson K., Weetman D., Rodrigues A., della Torre A. & **Pinto J.** (2014). First report of an exophilic *Anopheles arabiensis* population in Bissau city, Guinea-Bissau: recent introduction or sampling bias? *Malaria Journal* **13**: 423. 5y-IF: 3.027 [access]
 21. Caputo B., Nwakanma D., Caputo F.P., Jawara M., Oriero E.C., Hamid-Adiamoh M., Dia I., Konate L., Petrarca V., **Pinto J.**, Conway D.J. & della Torre A. (2014). Prominent intraspecific genetic divergence within *Anopheles gambiae* sibling species triggered by habitat discontinuities across a riverine landscape. *Molecular Ecology* **23**: 4574–4589. 5y-IF: 6.644 [access]
 22. Angêlla A.F., Salgueiro P., Gil L.H.S., Vicente J.L., **Pinto J.** & Ribolla P.E.M. (2014). Seasonal genetic partitioning in the neotropical malaria vector, *Anopheles darlingi*. *Malaria Journal* **13**: 203. 5y-IF: 3.027 [access]
 23. Cordon-Obras C., Cano J., Knapp J., Nebreda P., Ndong-Mabale N., Ncogo-Ada P.R., Ndongo-Asumu P., Navarro M., **Pinto J.**, Benito A., Bart J.M. (2014). *Glossina palpalis palpalis* populations from Equatorial Guinea belong to distinct allopatric clades. *Parasites & Vectors* **7**: 31. 5y-IF: 3.253 [access]
 24. Seixas G., Salgueiro P., Silva A.C., Campos M., Spenassatto C., Reyes-Lugo M., Novo M.T., Ribolla P.E.M., **Pinto J.** & Sousa C.A. (2013). *Aedes aegypti* on Madeira Island (Portugal): genetic variation of a recently introduced dengue vector. *Memórias do Instituto Oswaldo Cruz* **108** (Suppl. I): 3-10. 5y-IF: 2.101 [access]
 25. Gomes B., Kioulos E., Papa A., Almeida A.P.G., Vontas J. & **Pinto J.** (2013). Distribution and hybridization of *Culex pipiens* forms in Greece during the West Nile virus outbreak of 2010. *Infection Genetics and Evolution* **16**: 218-225. 5y-IF: 2.828 [access]
 26. Gomes B., Sousa C.A., Vicente J.L., Pinho L., Calderón I., Arez E., Almeida A.P.G., Donnelly M.J. & **Pinto J.** (2013). Feeding patterns of molestus and pipiens forms of *Culex pipiens* (Diptera: Culicidae) in a region of high hybridization. *Parasites & Vectors* **6**: 93. 5y-IF: 3.253 [access]
 27. **Pinto J.**, Egyir-Yawson A., Vicente J.L., Gomes B., Santolamazza F., Moreno M., Charlwood J.D., Simard F., Elissa N., Weetman D., Donnelly M.J., Caccone A. & della Torre A. (2013).

- Geographic population structure of the African malaria vector *Anopheles gambiae* suggests a role for the forest-savannah biome transition as a barrier to gene flow. *Evolutionary Applications* **6**: 910–924. 5y-IF: 5.026 [\[access\]](#)
28. Salgueiro P., Moreno M., Simard F., O’Brochta D. & **Pinto J.** (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**: e62964. 5y-IF: 3.394 [\[access\]](#)
 29. Campos M., Spenassatto C., Macoris M.L.G, Paduan K.S., **Pinto J.** & Ribolla P.E.M. (2012). Seasonal population dynamics and the genetic structure of the mosquito vector *Aedes aegypti* in São Paulo, Brazil. *Ecology and Evolution* **2**: 2794-2802. 5y-IF: 2.716 [\[access\]](#)
 30. Deitz K.C., Athrey G., Reddy M.R., Overgaard H.J., Matias A., Jawara M, della Torre A., Petrarca V., **Pinto J.**, Kiszewski A., Kengne P., Costantini C., Caccone A. & Slotman M.A. (2012). Genetic isolation within the malaria mosquito *Anopheles melas*. *Molecular Ecology* **21**: 4498-4513. 5y-IF: 6.644 [\[access\]](#)
 31. Gomes B., Alves J., Sousa C.A., Santa-Ana M., Vieira I., Silva T.L., Almeida A.P.G., Donnelly M.J. & **Pinto J.** (2012). Hybridization and population structure of the *Culex pipiens* complex in the islands of Macaronesia. *Ecology and Evolution* **2**: 1889-1902. 5y-IF: 2.716 [\[access\]](#)
 32. Gomes B., Parreira R., Sousa C.A., Novo M.T., Almeida A.P.G., Donnelly M.J. & **Pinto J.** (2012). The *Culex pipiens* complex in continental Portugal: Distribution and genetic structure. *Journal of the American Mosquito Control Association* **28** (4S): 75-80. 5y-IF: 1.029 [\[access\]](#)
 33. Machado P., Manco L., Gomes C., Mendes C., Fernandes N., Salomé G., Siteo L., Chibute S., Langa J., Ribeiro L., Miranda J., Cano J., **Pinto J.**, Amorim A., do Rosário V.E. & Arez A.P. (2012). Pyruvate kinase deficiency in sub-Saharan Africa: identification of a highly frequent missense mutation (g829a; glu277lys) and association with malaria. *PLoS ONE* **7**: e47071. 5y-IF: 3.394 [\[access\]](#)
 34. Weetman D., Wilding C.S., Steen K., **Pinto J.** & Donnelly M.J. (2012). Gene flow-dependent genomic divergence between *Anopheles gambiae* M and S forms. *Molecular Biology and Evolution* **29**: 279-291. 5y-IF: 14.558 [\[access\]](#)
 35. Caputo B., Santolamazza F., Vicente J.L., Nwakanma D.C., Jawara M., Palsson K., Jaenson T., White B., Mancini E., Petrarca V., Conway D.J., Besansky N.J., **Pinto J.** & della Torre A. (2011) The “far-west” of *Anopheles gambiae* molecular forms. *PLoS ONE* **6**: e16415. 5y-IF: 3.394 [\[access\]](#)
 36. Charlwood J.D., Tomás E.V., Salgueiro P., Egyir-Yawson A., Pitts R.J. & **Pinto J.** (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**: 533-539. 5y-IF: 1.822 [\[access\]](#)
 37. Santolamazza F., Caputo B., Calzetta M., Vicente J.L., Mancini E., Petrarca V., **Pinto J.** & della Torre A. (2011). Comparative analyses reveal discrepancies among results of commonly used methods for *Anopheles gambiae* molecular form identification. *Malaria Journal* **10**: 215. 5y-IF: 3.027 [\[access\]](#)
 38. Vicente J.L., Sousa C.A., Alten B., Caglar S.S., Facultá E., Latorre J.M., Toty C., Barré H., Demirci B., di Luca M., Toma L., Alves R., Salgueiro P., Silva T.L., Bagues M.D., Mas-Coma S., Boccolini D., Romi R., Nicolescu G., do Rosário V.E., Ozer N., Fontenille D. & **Pinto J.** (2011). Genetic and phenotypic variation of the malaria vector *Anopheles atroparvus* in Southern Europe. *Malaria Journal* **10**: 5. 5y-IF: 3.027 [\[access\]](#)
 39. Alves J., Gomes B., Rodrigues R., Silva J., Arez A.P., **Pinto J.** & Sousa C.A. (2010). Mosquito fauna in Cape Verde islands (West Africa): an update on species distribution and a new finding. *Journal of Vector Ecology* **35**: 307-312. 5y-IF: 1.481 [\[access\]](#)

40. Jambou R., Martinelli A., **Pinto J.**, Gribaldo S., Legrand E., Niang M., Kim N., Pharath L., Volnay B., Ekala M.-T., Bouchier C., Fandeur T., Berzosa P., Benito A., Ferreira I., Ferreira C., Vieira P., Alecrim M., Mercereau-Puijalon O. & Cravo P. (2010). Geographic structuring of the *Plasmodium falciparum* Sarco(endo)plasmic reticulum Ca²⁺ ATPase (PfSERCA) gene diversity. *PLoS ONE* **5**: e9424. 5y-IF: 3.394 [\[access\]](#)
41. Lynd A., Weetman D., Barbosa S., Egyir-Yawson C., Mitchell S., **Pinto J.**, Hastings I. & Donnelly M.J. (2010). Field, genetic and modelling approaches show strong positive selection acting upon an insecticide resistance mutation in *Anopheles gambiae* s.s. *Molecular Biology and Evolution* **27**: 1117-1125. 5y-IF: 14.558 [\[access\]](#)
42. Mendes C., Felix R., Sousa A.M., Lamego J., Charlwood J.D., do Rosário V.E., **Pinto J.** & Silveira H. (2010). Molecular evolution of the three short PGRPs of the malaria vectors *Anopheles gambiae* and *Anopheles arabiensis* in East Africa. *BMC Evolutionary Biology* **10**: 9. 5y-IF: 3.628 [\[access\]](#)
43. Salgueiro P., Vicente J.L., Ferreira C., Teófilo V., Galvão A., do Rosário V.E., Cravo P. & **Pinto J.** (2010). Tracing the origins and signatures of selection of antifolate resistance in island populations of *Plasmodium falciparum*. *BMC Infectious Diseases* **10**: 163. 5y-IF: 2.963 [\[access\]](#)
44. Sutherland C.J., Tanomsing N., Nolder D., Oguike M., Jennison C., Pukrittayakamee S., Dolecek C., Hien T.T., do Rosário V.E., Arez A.P., **Pinto J.**, Michon P., Escalante A.A., Nosten F., Burke M., Lee R., Blaze M., Otto T.D., Barnwell J.W., Pain A., Williams J., White N.J., Day N.P., Snounou G., Lockhart P.J., Chiodini P.L., Imwong M. & Polley S.D. (2010). The human malaria parasite *Plasmodium ovale* occurs globally as two non-recombining sympatric species. *Journal of Infectious Diseases* **15**: 1544-1550. 5y-IF: 5.724 [\[access\]](#)
45. Dyer N.A., Furtado A., Cano J., Ferreira F., Afonso M.O., Ndong-Mabale N., Ndong-Asumu P., Centeno-Lima S., Benito A., Weetman D., Donnelly M.J. & **Pinto J.** (2009). Evidence for a discrete evolutionary lineage within Equatorial Guinea suggests that the tsetse fly *Glossina palpalis palpalis* exists as a species complex. *Molecular Ecology* **18**: 3268–3282. 5y-IF: 6.644 [\[access\]](#)
46. Etang J., Vicente J.L., Nwane P., Chouaibou M., Morlais I., do Rosário V.E., Simard F., Awono-Ambene P., Toto J.C. & **Pinto J.** (2009). Polymorphism of intron-1 in the voltage-gated sodium channel 1 gene of *Anopheles gambiae* s.s. populations from Cameroon with emphasis on insecticide knockdown resistance mutations. *Molecular Ecology* **18**: 3076-3086. 5y-IF: 6.644 [\[access\]](#)
47. Gomes B., Sousa C.A., Novo M.T., Freitas F.B., Alves R., Côrte-Real A.R., Salgueiro P., Donnelly M.J., Almeida A.P.G. & **Pinto J.** (2009). Asymmetric introgression between sympatric molestus and pipiens forms of *Culex pipiens* (Diptera: Culicidae) in the Comporta region, Portugal. *BMC Evolutionary Biology* **9**: 262. 5y-IF: 3.628 [\[access\]](#)
48. Almeida A.P.G., Galão R.P., Sousa C.A., Novo M.T., Parreira R., **Pinto J.**, Rodrigues J.C, Piedade J. & Esteves A. (2008). Potential mosquito vectors of arboviruses in Portugal: species, distribution, abundance and arboviral infection. *Transactions of the Royal Society of Tropical Medicine and Hygiene* **102**: 823-832. 5y-IF: 1.918 [\[access\]](#)
49. Ferreira F., Cano J., Furtado A., Ndong-Mabale N., Ndong-Asumu P., Benito A., **Pinto J.**, Afonso M.O., Seixas J., Atouguia J. & Centeno-Lima S. (2008). An alternative approach to detect *Trypanosoma* in *Glossina* (Diptera, Glossinidae) without dissection. *Journal of Infection in Developing Countries* **2**: 63-67. 5y-IF: 1.413 [\[access\]](#)
50. Janeira F., Vicente J.L., Kanganje Y., Moreno M., do Rosário V.E., Cravo P. & **Pinto J.** (2008). A Primer-Introduced Restriction Analysis-Polymerase Chain Reaction (PIRA-PCR) method to

- detect knockdown resistance mutations in *Anopheles gambiae*. *Journal of Medical Entomology* **45**: 237-241. 5y-IF: 1.824 [access]
51. Marshall J.C., **Pinto J.**, Charlwood J.D., Gentile G., Santolamazza F., Simard F., della Torre A., Donnelly M.J. & Caccone A. (2008). Exploring the origin and degree of genetic isolation of the populations of *Anopheles gambiae* s.s. from the islands of São Tomé and Príncipe: implications for testing transgenic-based vector control strategies. *Evolutionary Applications* **1**: 631-644. 5y-IF: 5.026 [access]
 52. Moreno M., Vicente J.L., Cano J., Berzosa P.J., de Lucio A., Nzambo S., Bobuakasi L., Buatiche J.N., Ondo M., Micha F., do Rosário V.E., **Pinto J.** & Benito A. (2008). Knockdown resistance mutations (*kdr*) and insecticide susceptibility to DDT and pyrethroids in *Anopheles gambiae* from Equatorial Guinea. *Tropical Medicine and International Health* **13**: 430-433. 5y-IF: 2.677 [access]
 53. Oliveira E., Salgueiro P., Palsson K., Vicente J.L., Arez A. P., Jaenson T. G., Caccone A. & **Pinto J.** (2008). High Levels of hybridization between molecular forms of *Anopheles gambiae* from Guinea Bissau. *Journal of Medical Entomology* **45**: 1057-1063. 5y-IF: 1.824 [access]
 54. Santolamazza F., Calzetta M., Etang J., Barrese E., Dia I., Caccone A., Donnelly M.J., Petrarca V., Simard F., **Pinto J.** & della Torre A. (2008). Distribution of knock-down resistance mutations in *Anopheles gambiae* (Diptera: Culicidae) molecular forms in West and West-central Africa. *Malaria Journal* **7**: 74. 5y-IF: 3.027 [access]
 55. Moreno M., Salgueiro P., Vicente J.L., Cano J., Berzosa P.J., de Lucio A., Simard F., Caccone A., do Rosário V.E., **Pinto J.** & Benito A. (2007). Genetic population structure of *Anopheles gambiae* in Equatorial Guinea. *Malaria Journal* **6**: 137. 5y-IF: 3.027 [access]
 56. **Pinto J.**, Lynd A., Vicente J.L., Santolamazza F., Randle N.P., Gentile G., Moreno M., Simard F., Charlwood J.D., do Rosário V.E., Caccone A., della Torre A. & Donnelly M.J. (2007). Multiple origins of knockdown resistance mutations in the Afrotropical mosquito vector *Anopheles gambiae*. *PLoS ONE* **11**: e1243. 5y-IF: 3.394 [access]
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