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Qualifications

Biology - Genetics, Doctorate, Universidade de Lisboa
Award Date: 4 Feb 2003
Biology - Zoology, Bachelor, Universidade de Lisboa
Award Date: 28 Sep 1994

Employment

Assistant Professor (with Habilitation)

Instituto de Higiene e Medicina Tropical (IHMT)
Universidade NOVA de Lisboa
Lisboa, Portugal
1 Dec 2009 → present

Global Health and Tropical Medicine (GHTM)

Universidade NOVA de Lisboa
11 Aug 1973 → present

VBD Group Leader

Researcher
Vector borne diseases and pathogens (VBD)
Universidade NOVA de Lisboa
1 Apr 2015 → present

Researcher

Centro de Malária e outras Doenças Tropicais (CMDT)
Universidade NOVA de Lisboa
11 Nov 1994 → 31 Mar 2015

Research output

Genome variation and population structure among 1142 mosquitoes of the African malaria vector species *Anopheles gambiae* and *Anopheles coluzzii*

Clarkson, C. S., Miles, A., Harding, N. J., Lucas, E. R., Battey, C. J., Amaya-Romero, J. E., Kern, A. D., Fontaine, M. C., Donnelly, M. J., Lawniczak, M. K. N., Kwiatkowski, D. P., Donnelly, M. J., Ayala, D., Besansky, N. J., Burt, A., Caputo, B., Torre, A. D., Fontaine, M. C., J. Godfray, H. C., Hahn, M. W. & 13 others, Kern, A. D., Kwiatkowski, D. P., Lawniczak, M. K. N., Midega, J., O'Loughlin, S., Pinto, J., Riehle, M. M., Sharakhov, I., Schrider, D. R., Vernick, K. D., Weetman, D., Wilding, C. S. & White, B. J., 1 Oct 2020, In : *Genome Research*. Vol. 30, n.º 10, p. 1533-1546 14 p.

Complete mitogenome sequence of *Anopheles coustani* from São Tomé island

Campos, M., Crepeau, M., Lee, Y., Gripkey, H., Rompão, H., Cornel, A. J., Pinto, J. & Lanzaro, G. C., 2 Jul 2020, In : *Mitochondrial DNA Part B: Resources*. Vol. 5, n.º 3, p. 3394-3396 3 p.

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

Morais, P., Pinto, J., Jorge, C. P., Troco, A. D., Fortes, F., Sousa, C. A. & Parreira, R., Jun 2020, In : *Infection, Genetics and Evolution*. Vol. 80, p. 104191

The V410L knockdown resistance mutation occurs in island and continental populations of *Aedes aegypti* in West and Central Africa

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., 8 May 2020, In : *PLoS Neglected Tropical Diseases*. Vol. 14, n.º 5, p. e0008216-e0008228 12 p., e0008216.

Liaisons dangereuses: cross-border gene flow and dispersal of insecticide resistance-associated genes in the mosquito *Aedes aegypti* from Brazil and French Guiana

Salgueiro, P., Restrepo-Zabaleta, J., Costa, M., Galardo, A. K. R., Gaborit, P., Guidez, A., Martins, A. J., Dusfour, I. & Pinto, J., 23 Sep 2019, In : *Memorias do Instituto Oswaldo Cruz*. 114, 8, p. e190120-e190129 9 p., e190120.

Phylogeography and invasion history of *Aedes aegypti*, the Dengue and Zika mosquito vector in Cape Verde islands (West Africa)

Salgueiro, P., Serrano, C., Gomes, B., Alves, J., Sousa, CA., Abecasis, AB. & Pinto, J., 3 Aug 2019, In : *Evolutionary Applications*. 12, 9, p. 1797-1811 15 p.

Second WIN International Conference on "integrated approaches and innovative tools for combating insecticide resistance in vectors of arboviruses", October 2018, Singapore

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. & 4 others, Roiz, D., Vatandoost, H., Vontas, J. & Weetman, D., 3 Jul 2019, In : *Parasites and Vectors*. 12, 1, p. 331-350 19 p., 331.

Origin and expansion of the mosquito *Aedes aegypti* in Madeira Island (Portugal)

Rocha Seixas, G. F., Salgueiro, P., Bronzato-Badial, A., Gonçalves, Y., Reyes-Lugo, M., Gordicho, V., Ribolla, P., Viveiros, B., Silva, AC., Pinto, J. & Sousa, CA., 19 Feb 2019, In : *Scientific Reports*. 9, 1, p. 2241-2254 13 p., 2241.

Alternative strategies for mosquito-borne arbovirus control

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. G., Orsborne, J., Marois, E., Devine, G. J. & Vontas, J., 1 Jan 2019, In : *PLoS Neglected Tropical Diseases*. 13, 1, e0006822.

Correction: Alternative strategies for mosquito-borne arbovirus control (*PLoS Negl Trop Dis* (2019) 13: 1 (e0006822) DOI: 10.1371/journal.pntd.0006822)

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. G., Orsborne, J., Marois, E., Devine, G. J. & Vontas, J., 1 Jan 2019, In : *PLoS Neglected Tropical Diseases*. 13, 3, e0007275.

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Calzetta, M., Perugini, E., Rocha Seixas, G. F., Sousa, CA., Guelbéogo, W. M., Sagnon, NF., Della Torre, A., Pinto, J., Pombi, M. & Mancini, E., Sep 2018, In : *Medical and Veterinary Entomology*. 32, 3, p. 372-377 6 p.

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Pichler, V., Bellini, R., Veronesi, R., Arnoldi, D., Rizzoli, A., Lia, R. P., Otranto, D., Montarsi, F., Carlin, S., Ballardini, M., Antognini, E., Salvemini, M., Brianti, E., Gaglio, G., Manica, M., Cobre, P., Serini, P., Velo, E., Vontas, J., Kioulos, I. & 3 others, Pinto, J., della Torre, A. & Caputo, B., Jun 2018, In : *Pest Management Science*. 74, 6, p. 1319-1327 9 p.

Effectiveness of a new long-lasting insecticidal nets delivery model in two rural districts of Mozambique: a before-after study

Arroz, J. A. H., Candrinho, B., Mendis, C., Varela, P., Pinto, J. & Martins, MR., 5 Feb 2018, In : *Malaria Journal*. 17, 1, 6 p., 66.

Aedes mosquitoes and Aedes-borne arboviruses in Africa: Current and future threats

Weetman, D., Kamgang, B., Badolo, A., Moyes, C. L., Shearer, F. M., Coulibaly, M., Pinto, J., Lambrechts, L. & McCall, P. J., Feb 2018, In : International Journal of Environmental Research and Public Health. 15, 2, 220.

Population structure of a vector of human diseases: Aedes aegypti in its ancestral range, Africa

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., 1 Jan 2018, In : International Journal of Business Innovation and Research. 17, 3, p. 7835-7848 14 p.

Genetic diversity of the African malaria vector Anopheles gambiae

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Seixas, G., Grigoraki, L., Weetman, D., Vicente, J. L., Silva, A. C., Pinto, J., Vontas, J. & Sousa, C. A., 24 Jul 2017, In : PLoS Neglected Tropical Diseases. 11, 7, e0005799.

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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., 20 Jul 2017, In : PLoS Neglected Tropical Diseases. 11, 7, e0005625.

International workshop on insecticide resistance in vectors of arboviruses, December 2016, Rio de Janeiro, Brazil

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. & 3 others, Velayudhan, R., Durot, C. & David, J. P., 2 Jun 2017, In : Parasites and Vectors. 10, 1, 16 p., 278.

The mosquito fauna of the western region of Spain with emphasis on ecological factors and the characterization of Culex pipiens forms

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Tracking Insecticide Resistance in Mosquito Vectors of Arboviruses: The Worldwide Insecticide resistance Network (WIN)

Corbel, V., Achee, N. L., Chandre, F., Coulibaly, M. B., Dusfour, I., Fonseca, D. M., Grieco, J., Juntarajumnong, W., Lenhart, A., Martins, A. J., Moyes, C., Ng, L. C., Pinto, J., Raghavendra, K., Vatandoost, H., Vontas, J., Weetman, D., Fouque, F., Velayudhan, R. & David, J. P., 1 Dec 2016, In : PLoS Neglected Tropical Diseases. 10, 12, e0005054.

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'

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., 1 Nov 2016, In : Molecular Ecology. 25, 22, p. 5719-5731 13 p.

Molecular evolution and population genetics of a Gram-negative binding protein gene in the malaria vector Anopheles gambiae (sensu lato)

Salgueiro, P., Lopes, A. S., Mendes, C., Charwood, J. D., Arez, A. P., Pinto, J. & Silveira, H., 23 Sep 2016, In : Parasites & Vectors. 9, 1, 515.

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Population diversity of Theileria annulata in Portugal

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Remarkable diversity of intron-1 of the para voltage-gated sodium channel gene in an Anopheles gambiae/Anopheles coluzzii hybrid zone

Santolamazza, F., Caputo, B., Nwakanma, D. C., Fanello, C., Petrarca, V., Conway, D. J., Weetman, D., Pinto, J., Mancini, E. & Della Torre, A., 21 Jan 2015, In : Malaria Journal. 14, 1, 10 p., 78247199.

Seasonal genetic partitioning in the neotropical malaria vector, Anopheles darlingi

Angélla, A. F., Salgueiro, P., Gil, L. H. S., Vicente, J. L., Pinto, J. & Ribolla, P. E. M., 29 May 2014, In : Malaria Journal. 13, 1, 203.

Glossina palpalis palpalis populations from Equatorial Guinea belong to distinct allopatric clades

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***Aedes aegypti* on Madeira Island (Portugal): genetic variation of a recently introduced dengue vector**

Seixas, G., Salgueiro, P., Silva, A., Campos, M., Spenassatto, C., Reyes_Lugo, M., Novo, M. T. L. M., Ribolla, P., Pinto, J. P. S. D. S. & Sousa, C. A. G. C. D. C., 1 Jan 2013, In : Memórias Do Instituto Oswaldo Cruz. 108, Suppl. 1, p. 3-10

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Deitz, K. C., Athrey, G., Reddy, M. R., Overgaard, H. J., Matias, A., Jawara, M., Della Torre, A., Petrarca, V., Pinto, J., Kiszewski, A. E., Kengne, P., Costantini, C., Caccone, A. & Slotman, M. A., 1 Sep 2012, In : Molecular Ecology. 21, 18, p. 4498-4513 16 p.

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Weetman, D., Wilding, C. S., Steen, K., Pinto, J. & Donnelly, M. J., 1 Jan 2012, In : Molecular Biology And Evolution. 29, 1, p. 279-291 13 p.

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