

## Laboratório de Biologia Molecular de Insetos

2006

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Gentile C, Meirelles-Filho AC, Lima JBP, Britto CFPC, Valle D, Peixoto AA 2006. Cloning and daily expression of the timeless gene in *Aedes aegypti* (Diptera: Culicidae).. *Insect Biochem Molec* 36: 878-884.

Meirelles-Filho ACA, Rivas GBS, Gesto JSM, Machado RC, Britto C, Souza NA, Peixoto AA 2006. The biological clock of an hematophagous insect: locomotor activity rhythms, circadian expression and downregulation after a blood meal.. *Febs Lett* 580: 2-8.

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Mazzoni CJ, Souza NA, Andrade-Coelho CA, Kyriacou CP, Peixoto AA 2006. Molecular polymorphism, differentiation and introgression in the period gene between *Lutzomyia intermedia* and *Lutzomyia whitmani*.. *BMC Evol Biol* : 0-0.

Meirelles-Filho ACA, Amoretty PR, Souza NA, Kyriacou CP, Peixoto AA 2006. Rhythmic expression of the cycle gene in a hematophagous insect vector. *BMC Mol Biol* 1: - .

Sawyer LA, Sandrelli F, Pasetto C, Peixoto AA, Rosato E, Costa R, Kyriacou CP 2006. The period gene Thr-Gly polymorphism in Australian and African *Drosophila melanogaster* populations: implications for selection.. *Genetics* 174: 465-480.

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Peixoto AA, Bauzer LG, Souza NA, Maingom RD 2007. *Lutzomyia longipalpis* in Brazil: a complex or a single species? A mini-review. *Mem I Oswaldo Cruz* (impresso) 102: 1-12.

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tuning circadian rhythms to the environment. Trends Genet 24: 124-132.

[doi>](#) Mazzoni CJ, Araki AS, Ferreira GEM, Azevedo RVDM, Barbujani G, Peixoto AA 2008. Multilocus analysis of introgression between two sand fly vector of leishmaniasis. BMC Evol Biol 8: - .

[doi>](#) Maingon RD, Ward RD, Hamilton JG, Bauzer LG, Peixoto AA 2008. The *Lutzomyia longipalpis* species complex: does population sub-structure matter to Leishmania transmission?. Trends Parasitol 24: 12-17.

#### **Indexado (>2,0 a 4,0)**

[doi>](#) Rezende GL, Martins AJ, Gentile C, Farnesi LC, Pelajo-Machado M, Peixoto AA, Valle D 2008. Embryonic desiccation resistance in *Aedes aegypti*: presumptive role of the chitinized Serosal Cuticle. BMC Dev Biol 8

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[doi>](#) Belinato TA, Martins-Jr AJ, Lima JB, de Lima-Camara TN, Peixoto AA, Valle D 2009. Effect of the chitin synthesis inhibitor triflumuron on the development, viability and reproduction of *Aedes aegypti*. Mem I Oswaldo Cruz (impresso) 104: 43-47.

#### **Indexado (fator de impacto > 2 e < 4)**

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[doi>](#) Martins AJ, Lima JB, Peixoto AA, Valle D 2009. Frequency of Val1016Ile mutation in the voltage-gated sodium channel gene of *Aedes aegypti* Brazilian populations. Trop Med Int Health 14: 1351-1355.

[doi>](#) Souza NA, Andrade-Coelho CA, Silva VC, Ward RD, Peixoto AA 2009. Life cycle differences among Brazilian sandflies of the *Lutzomyia longipalpis* sibling species complex. Med Vet Entomol 23: 287-292.

Martins-Jr AJ, Lins RM, Lins JG, Peixoto AA, Valle D 2009. Voltage-gated sodium channel polymorphism and metabolic resistance in pyrethroid-resistant *Aedes aegypti* from Brazil. Am J Trop Med Hyg 81: 108-115.

#### **Indexado (fator de impacto > 4)**

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[doi>](#) Araki AS, Vigoder FM, Bauzer LG, Ferreira GE, Souza NA, Araujo IB, Hamilton JG, Brazil RP, Peixoto AA 2009. Molecular and behavioral differentiation among Brazilian populations of *Lutzomyia longipalpis* (Diptera: Psychodidae: Phlebotominae). *Plos Neglect Trop D* 3: - .

## 2010

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[doi>](#) Rona LD, Carvalho-Pinto CJ, Peixoto AA 2010. Molecular evidence for the occurrence of a new sibling species within the *Anopheles* (*Kerteszia*) *cruzi* complex in south-east Brazil. *Malaria J* 9: - .

[doi>](#) Salomon OD, Araki AS, Hamilton JG, Acardi SA, Peixoto AA 2010. Sex pheromone and period gene characterization of *Lutzomyia longipalpis* sensu lato (Lutz & Neiva) (Diptera: Psychodidae) from Posadas, Argentina. *Mem I Oswaldo Cruz (impresso)* 105: 928-930.

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[doi>](#) Silva-do-Nascimento TF, Pitaluga LD, Peixoto AA, Lourenço de Oliveira R 2011. Molecular divergence in the timeless and cpr genes among three sympatric cryptic species of the *Anopheles triannulatus* complex. *Mem I Oswaldo Cruz (impresso)* 106 suppl 1: 218-222.

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[doi>](#) Lima-Camara TN, Bruno RV, Luz PM, Castro MG, Lourenço de Oliveira R, Sorgine MH, Peixoto AA 2011. Dengue infection increases the locomotor activity of *Aedes aegypti* females. Plos One 6: - .

**Indexado (fator de impacto 0,65 e 2)**

[doi>](#) Spiegel CN, Batista-Pereira LG, Bretas JA, Eiras AE, Hooper AM, Peixoto AA, Soares MJ 2011. Pheromone gland development and pheromone production in *Lutzomyia longipalpis* (Diptera: Psychodidae: Phlebotominae). J Med Entomol 48: 489-495.

**2012**

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[doi>](#) Pinto IS, Tonini JF, Ferreira AL, Falqueto A 2012. A brief inventory of sand flies (Diptera, Psychodidae) from the National Forest of the Rio Preto, state of the Espírito Santo, southeastern Brazil. Biota Neotrop 12: 323-326.

[doi>](#) Pinto IS, Ferreira AL, Valim V, Carvalho FS, da Silva GM, Falcão AL, Dietze R, Falqueto A 2012. Sand fly vectors (Diptera, Psychodidae) of American visceral leishmaniasis areas in the Atlantic Forest, State of Espírito Santo, southeastern Brazil. J Vector Ecol 37: 90-96.

**Indexado (fator de impacto  $\geq 1$  e < 2,71)**

[doi>](#) Maciel-de-Freitas R, Aguiar R, Bruno RV, Guimarães MC, Lourenço-de-Oliveira R, Sorgine MH, Struchiner CJ, Valle D, O'Neill SL, Moreira LA 2012. Why do we need alternative tools to control mosquito-borne diseases in Latin America?. Mem I Oswaldo Cruz (impresso) 107: 828-829.

**Indexado (fator de impacto  $\geq 2,71$  e < 4,35)**

[doi>](#) Martins AJ, Ribeiro CD, Bellinato DF, Peixoto AA, Valle D, Lima JB 2012. Effect of insecticide resistance on development, longevity and reproduction of field or laboratory selected *Aedes aegypti* populations. Plos One 7: - .

[doi>](#) Lins R, Souza NA, Brazil RP, Maingon RD, Peixoto AA 2012. Fixed differences in the paralytic gene define two lineages within the *Lutzomyia longipalpis* complex producing different types of courtship songs. Plos One 7: - .

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[doi>](#) ADELSON L. FERREIRA, ALOISIO FALQUETO, Grimaldi F. G, Peixoto AA, Pinto IS 2013. Ecological and Epidemiological Aspects of the Sand Fly (Diptera, Psychodidae) Fauna of the National Monument of Pontões Capixabas, State of Espírito Santo, Southeastern Brazil.. J Med Entomol 50: 1215-1223.

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of two sympatric sibling species within the *Anopheles* (*Kerteszia*) *cruzi* complex in southeast Brazil and the detection of asymmetric introgression between them using a multilocus analysis. *BMC Evol Biol* 13 suplemento: - .

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#### **Indexado (fator de impacto $\geq 4,35$ e $< 7,51$ )**

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#### **2014**

##### **Indexado (fator de impacto $< 1$ ou sem FI)**

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##### **Indexado (fator de impacto $\geq 2,71$ e $< 4,35$ )**

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[doi>](#) Souza NA, Brazil RP, Araki AS 2017. The current status of the *Lutzomyia longipalpis* (Diptera: Psychodidae: Phlebotominae) species complex. *Mem I Oswaldo Cruz (impresso)* 112(3): 161-174.

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Mitochondrial Cytochrome c Oxidase I DNA Can Successfully Identify *Culex (Melanoconion) pedroi* (Diptera: Culicidae) and *Culex (Melanoconion) ribeirensis* (Diptera: Culicidae). *J Med Entomol* 54(2): 485-488.

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[doi>](#) Rivas GBS, Teles-Freitas R, Pavan MG, Lima JBP, Peixoto AA, Bruno RV 2018. Effects of Light and Temperature on Daily Activity and Clock Gene Expression in Two Mosquito Disease Vectors. *J Biol Rhythm* 33(3): 272-288.

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