

## **Laboratório de Fisiologia e Controle de Artrópodes Vetores**

**2006**

### **Indexado (fator de impacto > 0,65 a 2,0)**

Campos E, Moraes J, Façanha AR, Moreira E, Valle D, Abreu L, Manso PP, Nascimento A, Pelajo-Machado M, Lenzi H, Masuda A, Vaz Ida S, Logullo C 2006. Kinetics of energy source utilization in *Boophilus microplus* (Canestrini, 1887) (Acari: Ixodidae) embryonic development.. *Vet Parasitol* 138: 349-357.

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

**2007**

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Braga IA, Valle D 2007. *Aedes aegypti*: histórico do controle no Brasil. *Epidemiologia e Serviços de Saúde* 16: 113-118.

Braga IA, Valle D 2007. *Aedes aegypti*: inseticidas, mecanismos de ação e resistência. *Epidemiologia e Serviços de Saúde* 16: 279-293.

Braga IA, Valle D 2007. *Aedes aegypti*: vigilância, monitoramento da resistência e alternativas de controle no Brasil. *Epidemiologia e Serviços de Saúde* 16: 295-302.

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Moraes J, Galina A, Alvarenga PH, Rezende GL, Masuda A, Vaz-jr I, Logullo C 2007. Glucose metabolism during embryogenesis of the hard tick *Boophilus microplus*. *Comp Biochem Phys A* 146: 528-533.


Souza-Neto JA,, Machado FP, Lima JBP, Valle D, Ribolla PE 2007. Sugar digestion in mosquitoes: identification and characterization of three midgut alpha-glucosidases of the neo-tropical malaria vector *Anopheles aquasalis* (Diptera: Culicidae). *Comp Biochem Phys A* 147: 993-1000.

### **Indexado (fator de impacto >2,0 a 4,0)**

Montella IRC, Martins-Jr AJ, Medeiros PFV, Lima JBP, Braga IA, Valle D 2007. Insecticide resistance mechanisms of Brazilian *Aedes aegypti* populations from 2001 to 2004. *Am J Trop Med Hyg* 77: 467-477.

**2008**

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 Martins-Jr AJ, Belinato, TA, Lima JBP, Valle D 2008. Chitin synthesis inhibitor effect on *Aedes aegypti* populations susceptible and resistant to organophosphate temephos. *Pest Manag Sci* 64: 676-680.

[doi>](#) Lourenço-de-Oliveira R, Lima JB, Peres R, Alves F, Eiras AE, Codeço CT 2008. Comparison of different uses of adult traps and ovitraps for assessing dengue vector infestation in endemic areas. *J Am Mosquito Contr* 24: 387-392.

#### **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: - .

#### **2009**

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[doi>](#) Belinato TA, Martins 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.

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

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[doi>](#) Luz PM, Codeço CT, Medlock J, Struchiner CJ, Valle D, Galvani AP 2009. Impact of insecticide interventions on the abundance and resistance profile of *Aedes aegypti*. *Epidemiol Infect* 137: 1203-1215.

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

[doi>](#) Goltsev Y, Rezende GL, Vranizan K, Lanzaro G, Valle D, Levine M 2009. Developmental and evolutionary basis for drought tolerance of the *Anopheles gambiae* embryo. *Dev Biol* 330: 462-470.

#### **2010**

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*Aedes fluviatilis* mosquitoes expressing a Plasmodium-blocking molecule. *Transgenic Res* 19: 1129-1135.

[doi>](#) Vital WO, Rezende GL, Abreu L, Moraes J, Lemos FJ, Vaz Jr IS, Logullo C 2010. Germ band retraction as a landmark in glucose metabolism during *Aedes aegypti* embryogenesis. *BMC Dev Biol* 10: - .

[doi>](#) McKeon SN, Lehr MA, Wilkerson RC, Ruiz JF, Sallum MA, Lima JB, Povoá MM, Conn JE 2010. Lineage divergence detected in the malaria vector *Anopheles marajoara* (Diptera: Culicidae) in Amazonian Brazil. *Malaria J* 9: - .

## 2012

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[doi>](#) Belinato TA, Martins AJ, Valle D 2012. Fitness evaluation of two Brazilian *Aedes aegypti* field populations with distinct levels of resistance to the organophosphate temephos. *Mem I Oswaldo Cruz* (impresso) 107: 916-922.

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[doi>](#) Belinato, TA, Martins-Jr AJ, Lima JBP, Valle D 2013. Effect of triflumuron, a chitin synthesis inhibitor, on *Aedes aegypti*, *Aedes albopictus* and *Culex quinquefasciatus* under laboratory conditions. Parasite Vector 6: - .

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[doi>](#) Lima JBP, Maria Goreti Rosa-Freitas, Rodovalho CM, Fatima Santos, Lourenço de Oliveira R 2014. Is There an efficient trap or collection method for sampling *Anopheles darlingi* and other malaria vector that can describe the essential parameters affecting transmission dynamics as effectively as human landing catches? - A Review. Mem I Oswaldo Cruz (impresso) 109(5): 685-705.

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[doi>](#) Vargas, HCM, Ferreira LC, Martins-Jr AJ, Valle D, Rezende, GL 2014. Serosal cuticle formation and distinct degrees of desiccation resistance in embryos of the mosquito vectors *Aedes aegypti*, *Anopheles aquasalis* and *Culex quinquefasciatus*. J Insect Physiol 62: 54-60.

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[doi>](#) Linss JGB, Souza LPBO, Garcia GA, Araki AS, BRUNO, R. V., Lima JBP, Valle D, Martins-Jr AJ 2014. Distribution and dissemination of the Val1016Ile and Phe1534Cys Kdr mutations in *Aedes aegypti* Brazilian natural populations. Parasite Vector 7: - .

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[doi>](#) Lima JBP, Peixoto AA, Nathalia Giglio Fontoura, Araki AS, Azevedo RVD, Allan Kardec Ribeiro Galardo 2014. Hybrid sterility in crosses between two Brazilian sibling species of the *Anopheles albiparvus* complex. *Parasite Vector* 7: - .

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

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Isnt Me: Molecular Mechanisms and Evolutionary Dynamics of Insect Clocks in Variable Surroundings. *Front Physiol* 6: - .

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**2016**

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[doi>](#) Bellinato DF, Medeiros PFV, Araújo SC, Martins AJ, Lima JBP, Valle D 2016. Resistance status to the insecticides temephos, deltamethrin and diflubenzuron in Brazilian *Aedes aegypti* populations. *BioMed Res Int* 2016: - .

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[doi>](#) Viana-Medeiros PF, Bellinato DF, Martins-Jr AJ, Valle D 2017. Insecticide resistance, associated mechanisms and fitness aspects in two Brazilian *Stegomyia aegypti* (= *Aedes aegypti*) populations. *Med Vet Entomol* 31(4): 340-350.

[doi>](#) Kotsakiozi, P, Richardson, JB, Pichler, V, Favia, G, Martins, AJ, Urbanelli, S, Armbruster, PA, Caccone, A 2017. Population genomics of the Asian tiger mosquito, *Aedes albopictus*: insights into the recent worldwide invasion. *Ecol Evol* 7(23): 10143-10157.

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[doi>](#) Kotsakiozi P, Gloria-Soria A, Caccone A, Evans B, Schama R, Martins AJ, Powell JR 2017. Tracking the return of *Aedes aegypti* to Brazil, the major vector of the dengue, chikungunya and Zika viruses. Plos Neglect Trop D 11(7): - .

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## 2018

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[doi>](#) Fuselli S, Baptista RP, Panziera A, Magi A, Guglielmi S, Tonin R, Benazzo A, Bauzer LGSR, Mazzoni CJ, Bertorelle G 2018. A new hybrid approach for MHC genotyping: high-throughput NGS and long read MinION nanopore sequencing, with application to the non-model vertebrate Alpine chamois (*Rupicapra rupicapra*). Heredity 121: 293-303.

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