

**Laboratório de Transmissores de Leishmanioses (até 2014) // Laboratório Interdisciplinar de Vigilância Entomológica em Diptera e Hemiptera (a partir de 2015)**

**2006**

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Vilela ML, Souza NA, Oliveira SMP, Costapinto D, Cabello PH, Rangel EF, Traub-Cseko YM 2006. Considerations on the effect of anti-sandfly antibodies on biological parameters of *Lutzomyia longipalpis* (Lutz & Neiva, 1912) (Diptera: Psychodidae: Phlebotominae).. *Braz J Biol* 66: 175-183.

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Correa-da-Silva MS, Fampa P, Lessa LP, Dos Reis Silva E, Dos Santos-Mallet JR, Saraiva EM, Motta MC 2006. Colonization of *Aedes aegypti* midgut by the endosymbiont-bearing trypanosomatid *Blastocrithidia culicis*.. *Parasitol Res* 99: 384-391.

Andrade-Coelho CA, Souza NA, Feder MD, da Silva CE, Garcia Ede S, Azambuja P, Gonzalez MS, Rangel EF 2006. Effects of azadirachtin on the development and mortality of *Lutzomyia longipalpis* larvae (Diptera: Psychodidae: Phlebotominae).. *J Med Entomol* 43: 262-266.

Gomes SA, Fonseca-de-Souza AL, Silva BA, Kiffer-moreira T, Santos-Mallet JR, Santos AL, Meyer-fernandes JR 2006. *Trypanosoma rangeli*: Differential expression of cell surface polypeptides and ecto-phosphatase activity in short and long epimastigote forms.. *Exp Parasitol* 112: 253-262.

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

Meirelles-Filho AC, da S Rivas GB, Gesto JS, 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.

Saraiva EM, de Figueiredo Barbosa A, Santos FN, Borja-Cabrera GP, Nico D, Souza LO, de Oliveira Mendes-Aguiar C, de Souza EP, Fampa P, Parra LE, Menz I, Dias JG, de Oliveira SM, Palatnik-de-Sousa CB 2006. The FML-vaccine (Leishmune) against canine visceral leishmaniasis: A transmission blocking vaccine. *Vaccine* 24: 2423-2431.

**Indexado (fator de impacto >4,0)**

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 AC, Amoretty PR, Souza NA, Kyriacou CP, Peixoto AA 2006. Rhythmic expression of the cycle gene in a hematophagous insect vector. BMC Mol Biol : 0-0.

## 2007

### **Indexado (fator de impacto <0,65 e não impactadas no ISI)**

Afonso MMS, Costa WA, Azevedo ACR, Costa SM, Vilela ML, Rangel EF 2007. Data on sand fly fauna (Diptera, Psychodidae, Phlebotominae) in Itatiaia National Park, Rio de Janeiro State, Brazil.. Cad Saude Publica 3: 725-730.

Assis GFM, Azeredo BVM, Carbajal de la Fuente AL, Diotaiuti L, Lana M 2007. Domiciliation of *Triatoma pseudomaculata* (Côrrea & Espínola, 1964) in the Jequitinhonha Valley, State of Minas Gerais.. Rev Soc Bras Med Tro 40: 391-396.

Santos SM, Lopes CM, Dujardin JP, Panzera F, Pérez R, Carbajal de la Fuente AL, Pacheco RS, Noireau F 2007. Evolutionary relationships based on genetic and phenetic characters between *Triatoma maculata*, *Triatoma pseudomaculata* and morphologically related species (Reduviidae: Triatominae). Infect Genet Evol 7: 469-475.

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Bauzer LG, Souza NA, Maingon RD, Peixoto AA 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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Lima-Camara TN, Honório NA, Lourenço de Oliveira R 2007. Parity and ovarian development of *Aedes aegypti* and *Ae. Albopictus* (Díptera: Culicidae) in metropolitan Rio de Janeiro. J Vector Ecol 32: 34-40.

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2008

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[doi>](#) Rivas GBS, Souza NA, Peixoto AA 2008. Analysis of the activity patterns of two sympatric sandfly siblings of the *Lutzomyia longipalpis* species complex from Brazil. *Med Vet Entomol* 22: 288-290.

Carbajal de la Fuente AL, Dias-Lima, A, Lopes CM, Empelairé, L., Walter, A., Ferreira, J., Sherlock, I., Noireau F 2008. Behavioural plasticity of Triatominae related to habitat selection in northeast Brazil. *J Med Entomol* 45: 14-19.

[doi>](#) Gomes SAO, Fonseca-de-Souza AL, Kiffer-Moreira T, Dick C F, Santos, A. L. A, Meyer-fernandes JR 2008. Ecto-phosphatase activity on the external surface of *Rhodnius prolixus* salivary glands: Modulation by carbohydrates and *Trypanosoma rangeli*. *Acta Trop* 106: 137-142.

[doi>](#) Lins RMMA, Souza NA, Peixoto AA 2008. Genetic divergence between two sympatric species of the *Lutzomyia longipalpis* complex in the paralytic gene, a locus associated with insecticide resistance and lovesong production. *Mem I Oswaldo Cruz (impresso)* 103: 736-740.

[doi>](#) Silva VC, Pinheiro NL, Scherer PO, Falcão SS, Ribeiro VR, Mendes RMM, Chagas R, Almeida MARC, Santos-Mallet JR 2008. Histology and ultrastructure of *Aedes albopictus* larval midgut infected with *Bacillus thuringiensis* var. *israelensis*. *Microsc Res Techniq* 71: 663-668.

[doi>](#) Mendonça, PM, Santos-Mallet JR, Mello RP, Gomes L, Queiroz MMC 2008. Identification of fly eggs using scanning electron microscopy for forensic investigations. *Micron* 39: 802-807.

[doi>](#) Carbajal de la Fuente AL, Noireau F, Catalá SS 2008. Inferences about antennal phenotype: the *Triatoma maculata* complex (Hemiptera: Triatominae) is valid?. *Acta Trop* 106: 16-21.

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Manzanilla OV, Giupponi APL, Tourinho AL 2008. New Venezuelan genus of Hubardiidae (Arachnida: Schizomida). *Zootaxa* 1860: 60-68.

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[doi>](#) Jerônimo A, Degallier N, Guimaraes EAG, Costa JM, Marques WA, Silva VC, Santos-Mallet

JR 2008. Scanning electron microscopy of the egg of *Haemagogus tropicalis*. *J Am Mosquito Contr* 24: 16-20.

[doi>](#) Azevedo AC, Costa SM, Pinto MC, Souza JL, Cruz HC, Vidal J, Rangel EF 2008. Studies on the sandfly fauna (Diptera: Psychodidae: Phlebotominae) from transmission areas of American cutaneous Leishmaniasis in state of Acre, Brazil. *Mem I Oswaldo Cruz (impresso)* 103: 760-767.

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#### **Indexado (<0,65 e não impactadas no ISI)**

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

[doi>](#) Palatnik-de-Sousa CB, Barbosa AF, Oliveira SMP, Nico D, Bernardo RR, Santos WR, Rodrigues MM, Soares I, Cabrera GPB 2008. FML vaccine against canine visceral leishmaniasis: from second-generation to synthetic vaccine. *Expert Rev Vaccines* 7: 833-851.

### **2009**

#### **Indexado (fator de impacto < 0,65 ou sem FI)**

Norberg AN, Reis CH, Queiroz MM, Ribeiro PC, Pile E, Carvalho RW 2009. Pneumonia por *Pneumocystis jiroveci* (PPC) em pacientes com SIDA atendidos em hospitais da Baixada Fluminense, Rio de Janeiro, Brasil. *Colomb Medica* 40: 213-217.

[doi>](#) Mendonça PM, Queiroz MM, d'Almeida JM 2009. Rearing *Chrysomya megacephala* on artificial diets composed of varying concentrations of albumin. *Braz Arch Biol Techn* 52: 421-426.

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

[doi>](#) Andrade-Coelho CA, Souza NA, Gouveia C, Silva VC, Gonzalez MS, Rangel EF 2009. Effect of fruit and leaves of Meliaceae plants (*Azadirachta indica* and *Melia azedarach*) on the development of *Lutzomyia longipalpis* larvae (Diptera: Psychodidae: Phlebotominae) under experimental conditions. *J Med Entomol* 46: 1125-1130.

Gonçalves TC, Novo SP, Lopes CM, Santos-Mallet JR 2009. Etymology of Triatominae species (Hemiptera: Reduviidae: Triatominae). *Zootaxa* 2148: 1-26.

[doi>](#) Feder D, Gomes SA, Thomaz AA, Almeida DB, Faustino WM, Fontes A, Stahl CV, Santos-Mallet JR, Cesar CL 2009. In vitro and in vivo documentation of quantum dots labeled *Trypanosoma cruzi*-*Rhodnius prolixus* interaction using confocal microscopy. *Parasitol Res* 106: 85-93.

[doi>](#) Gomes SA, Misael D, Silva BA, Féder D, Silva CS, Gonçalves TC, Santos AL, Santos-Mallet JR 2009. Major cysteine protease (cruzipain) in Z3 sylvatic isolates of *Trypanosoma cruzi* from Rio de Janeiro, Brazil. *Parasitol Res* 105: 743-749.

[doi>](#) Barbosa RR, Mello-Patiu CA, Mello RP, Queiroz MM 2009. New records of calyptrate dipterans (Fanniidae, Muscidae and Sarcophagidae) associated with the decomposition of domestic pigs in Brazil. *Mem I Oswaldo Cruz (impresso)* 104: 923-926.

[doi>](#) Azevedo DO, Neves CA, Santos-Mallet JR, Gonçalves TC, Zanuncio JC, Serrão JE 2009. Notes on midgut ultrastructure of *Cimex hemipterus* (Hemiptera, Cimicidae). *J Med Entomol* 46: 435-441.

[doi>](#) Almeida CE, Marcet PL, Gumiel M, Takiya DM, Cardozo-de-Almeida M, Pacheco RS, Lopes CM, Dotson EM, Costa J 2009. Phylogenetic and phenotypic relationships among *Triatoma carcavallo* (Hemiptera: Reduviidae: Triatominae) and related species collected in domiciles in Rio Grande do Sul State, Brazil. *J Vector Ecol* 34: 164-173.

[doi>](#) Rangel EF, Lainson R 2009. Proven and putative vectors of American cutaneous leishmaniasis in Brazil: aspects of their biology and vectorial competence. *Mem I Oswaldo Cruz (impresso)* 104: 937-954.

[doi>](#) Santos-Mallet JR, Gleiser RM, Alencar J, Marques WA, Sarmiento JS, Muller GA, Marcondesa CB 2009. Scanning electron microscopy of the egg of *Ochlerotatus albifasciatus* (Diptera: Culicidae). *J Med Entomol* 46: 980-985.

[doi>](#) Gonçalves TC, Freitas AL, Freitas SP 2009. Surveillance of Chagas disease vectors in municipalities of the state of Ceará, Brazil. *Mem I Oswaldo Cruz (impresso)* 104: 1159-1164.

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

Pita-Pereira P, Souza GD, Zwetsch A, Alves CR, Britto C, Rangel EF 2009. First report of *Lutzomyia* (*Nyssomyia*) *neivai* (Diptera: Psychodidae: Phlebotominae) naturally infected by *Leishmania* (*Viannia*) *braziliensis* in a periurban area of south Brazil using a multiplex polymerase chain reaction assay. *Am J Trop Med Hyg* 80: 593-595.

[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.

[doi>](#) Araújo RN, Costa FS, Gontijo NF, Gonçalves TC, Pereira MH 2009. The feeding process of *Cimex lectularius* (Linnaeus 1758) and *Cimex hemipterus* (Fabricius 1803) on different bloodmeal sources. *J Insect Physiol* 55: 1151-1157.

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

[doi>](#) Araki AS, Vigoder FM, Bauzer LG, Ferreira GE, Souza NA, Araújo 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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### Indexado (fator de impacto > 0,65 e < 2)

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[doi>](#) Santos-Mallet JR, M ller GA, Gleiser RM, Alencar J, Marques WA, Sarmento JS, Marcondes CB 2010. Scanning electron microscopy of the eggs of *Aedes scapularis* from Southern South America. *J Am Mosquito Contr* 26: 205-209.

[doi>](#) da Silva VC, Pinheiro NL, Ribeiro VR, de Carvalho RW, Scherer PO, dos Santos MA, dos Santos-Mallet JR 2010. Structural study of the salivary glands of *Anocentor nitens* (Acari : Ixodidae) during the feeding cycle. *Microsc Res Techniq* 73: 45-50.

Carvalho-Costa FA , dos Santos SM, Pires MQ, Lopes CM, Noireau F, Pacheco RS 2010. Sylvatic and peridomestic populations of *Triatoma pseudomaculata* are not significantly structured by habitat, as revealed by two genetic markers. *J Vector Ecol* 35: 295-300.

[doi>](#) Mendonça PM, Santos-Mallet JR, Queiroz MM 2010. Ultramorphological characteristics of immature stages of *Chrysomya albiceps* (Wiedemann 1819) (Diptera: Calliphoridae), a fly specie of forensic importance. *Microsc Res Techniq* 73: 779-784.

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[doi>](#) Soares RP, Margonari C, Secundino NC, Macêdo ME, da Costa SM, Rangel EF, Pimenta PF, Turco SJ 2010. Differential midgut attachment of *Leishmania* (*Viannia*) *braziliensis* in the sand flies *Lutzomyia* (*Nyssomyia*) *whitmani* and *Lutzomyia* (*Nyssomyia*) *intermedia*. J Biomed Biotechnol 2010: - .

[doi>](#) Pereira FM, Santos-Mallet JR, Branquinha MH, d'Avila-Levy CM, Santos AL 2010. Influence of leishmanolysin-like molecules of *Herpetomonas samuelpessoai* on the interaction with macrophages. Microbes Infect 12: 1061-1070.

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[doi>](#) Barbosa RR, Mello-Patiu CA, Ururahy-Rodrigues A, Barbosa CG, Queiroz MM 2010. Temporal distribution of ten calyptrate dipteran species of medicolegal importance in Rio de Janeiro, Brazil. Mem I Oswaldo Cruz (impresso) 105: 191-198.

## 2011

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[doi>](#) Pinto ZT, Queiroz MM, Barbosa JV 2011. Efficiency of the latex from *Euphorbia splendens* var. *hislopii* (N.E. Br.) Ursch & Leandri, Euphorbiaceae, in the control of *Rhipicephalus* (*Boophilus*) *sanguineus* (Latreille, 1806) (Acari: Ixodidae). Rev Bras Farmacogn 21: 432-436.

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

[doi>](#) Vigoder FM, Souza NA, Peixoto AA 2011. Acoustic signals in the sand fly *Lutzomyia* (*Nyssomyia*) *intermedia* (Diptera: Psychodidae). Parasite Vector 4: - .

[doi>](#) Mendonça PM, Lima MG, Albuquerque LR, Carvalho MG, Queiroz MM 2011. Effects of latex from "Amapazeiro" *Parahancornia amapa* (Apocynaceae) on blowfly *Chrysomya megacephala* (Diptera: Calliphoridae) post-embryonic development. Vet Parasitol 178: 379-382.

[doi>](#) Pita-Pereira D, Souza GD, Pereira TA, Zwetsch A, Britto C, Rangel EF 2011. *Lutzomyia* (*Pintomyia*) *fischeri*, a probable vector of American cutaneous leishmaniasis: Detection of natural infection by *Leishmania* (*Viannia*) DNA in specimens from the municipality of Porto Alegre (RS), Brazil, using multiplex PCR assay. Acta Trop 120: 273-275.

[doi>](#) Vieira CS, Almeida DB, de Thomaz AA, Menna-Barreto RF, dos Santos-Mallet JR, Cesar CL, Gomes SA, Feder D 2011. Studying nanotoxic effects of CdTe quantum dots in *Trypanosoma cruzi*. Mem I Oswaldo Cruz (impresso) 106: 158-165.

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

[doi>](#) Vilela ML, Azevedo CG, Carvalho B M, Rangel EF 2011. Phlebotomine fauna (Diptera: Psychodidae) and putative vectors of leishmaniasis in impacted area by hydroelectric plant, state of Tocantins, Brazil. Plos One 6: - .

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

[doi>](#) Alencar J, Ferreira ZM, Lopes CM, Serra-Freire NM, de Mello RP, Silva JS, Guimaraes AE 2011. Biodiversity and times of activity of mosquitoes (Diptera: Culicidae) in the biome of the Atlantic forest in the State of Rio de Janeiro, Brazil. J Med Entomol 48: 223-231.

[doi>](#) de la Fuente AL, Jaramillo N, Barata JM, Noireau F, Diotaiuti L 2011. Misidentification of two Brazilian triatomines, *Triatoma arthurneivai* and *Triatoma wygodzinskyi*, revealed by geometric morphometrics. Med Vet Entomol 25: 178-183.

[doi>](#) de Thomaz AA, Fontes A, Stahl CV, Pozzo LY, Ayres DC, Almeida DB, Farias PM, Santos BS, Santos-Mallet J, Gomes SA, Giorgio S, Feder D, Cesar CL 2011. Optical tweezers for studying taxis in parasites. J Optics-UK 13: - .

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#### **2012**

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[doi>](#) Leite AC, Kato MJ, Soares RO, Guimarães AE, Santos-Mallet JR, Cabral MM 2012. Grandisin caused morphological changes larval and toxicity on *Aedes aegypti*. Rev Bras Farmacogn 22: 517-521.

[doi>](#) Gouveia C, de Oliveira RM, Zwetsch A, Motta-Silva D, Carvalho BM, de Santana AF, Rangel EF 2012. Integrated tools for American cutaneous leishmaniasis surveillance and control: intervention in an endemic area in Rio de Janeiro, RJ, Brazil. Interdiscip Perspect Infect Dis 2012: - .

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habits of *Lutzomyia* (*Lutzomyia*) *longipalpis* (Lutz & Neiva, 1912) (Diptera: Psychodidae: Phlebotominae) populations from endemic areas of American visceral leishmaniasis in Northeastern Brazil. *J Trop Med* 2012: - .

[doi>](#) Freitas SP, Bonifácio SF, Junqueira AC, Souza AL, Gonçalves TC 2012. Testicular and color variation in the kissing bug, *Rhodnius brethesi*, in Amazonas, Brazil. *J Insect Sci* 12: - .

De-Souza MR, Molineri C 2012. The adults and nymphs of *Asthenopus angelae* new species (Ephemeroptera: Polymitarciidae) from Argentina, Bolivia, Brazil and Colombia. *Zootaxa* 3399: 45-52.

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

[doi>](#) Mello RS, Borja GE, Queiroz MM 2012. How photoperiods affect the immature development of forensically important blowfly species *Chrysomya albiceps* (Calliphoridae). *Parasitol Res* 111: 1067-1073.

[doi>](#) Pacheco JB, Santos-Mallet JR, Guimaraes AE, Costa JM, Alencar J 2012. Ultrastructure and morphometry of the egg of *Psorophora albigena* Lutz, 1908 (Diptera: Culicidae). *Micron* 43: 418-421.

[doi>](#) Mendonça PM, Santos-Mallet JR, Queiroz MM 2012. Ultrastructure of immature stages of the blowfly *Chrysomya putoria* (Wiedemann, 1818) (Diptera: Calliphoridae). *Microsc Res Techniq* 75: 206-211.

[doi>](#) Mendonça PM, dos Santos-Mallet JR, de Carvalho Queiroz MM 2012. Ultrastructure of larvae and puparia of the blowfly *Chrysomya megacephala* (Diptera: Calliphoridae). *Microsc Res Techniq* 75: 935-939.

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

[doi>](#) Ricardo-Silva AH, Lopes CM, Ramos LB, Marques WA, Mello CB, Duarte R, de la Fuente AL, Toma HK, Reboredo-Oliveira L, Kikuchi SA, Batista TF, Santos-Mallet JR, Junqueira AC, Gonçalves TC 2012. Correlation between populations of *Rhodnius* and presence of palm trees as risk factors for the emergence of Chagas disease in Amazon region, Brazil. *Acta Trop* 123: 217-223.

[doi>](#) Lins RM, 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: - .

[doi>](#) Azevedo RV, Dias DB, Bretãs JA, Mazzoni CJ, Souza NA, Albano RM, Wagner G, Davila AM, Peixoto AA 2012. The transcriptome of *Lutzomyia longipalpis* (Diptera: Psychodidae) male reproductive organs. *Plos One* 7: - .

**2013**

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

Silva FAC, NESSIMIAN, J.L. 2013. A new species and new records of Gripopterygidae (Plecoptera) from the Serra dos Orgãos, Rio de Janeiro State, Brazil. Zootaxa 3683: 185-191.

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