

Laboratório de Biologia Molecular de Flavivírus

2006

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

Bonaldo MC, Garratt RC, Freire MS, Galler R 2006. Expression of foreign protein epitopes at the surface of recombinant yellow fever 17D viruses based on three-dimensional modeling of its envelope protein.. Cell Biochem Biophys 44: 313-324.

2007

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

Bonaldo MC, Mello SM, Trindade GF, Rangel AA, Duarte AS, Oliveira PJ, Freire MS, Kubelka CF, Galler R 2007. Construction and characterization of recombinant flaviviruses bearing insertions between E and NS1 genes. Virol J 4: - .

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


Freire MS, Marchevsky RS, Almeida LFC, Yamamura AMY, Caride EC, Brindeiro PA, Motta MCA, Nogueira RMR, Kubelka CF, Bonaldo MC, Galler R 2007. Wild dengue virus types 1, 2 and 3 viremia in rhesus monkeys. Mem I Oswaldo Cruz (impresso) 102: 203-208.

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


Mateu GP, Marchevsky RS, Liprandi F, Bonaldo MC, Coutinho ESF, Dieudonné M, Caride E, Freire MS, Galler R 2007. Construction and biological properties of yellow fever 17D/ dengue type 1 recombinant virus. T Roy Soc Trop Med H 101: 289-298.

2008

Indexado (> 0,65 a 2,0)


 Trindade GF, Marchevsky RS, Nogueira RMR, Bonaldo MC, Acero PC, Freire MS, Galler R 2008. Limited replication of yellow fever 17DD and 17D-Dengue recombinant viruses in rhesus monkeys. An Acad Bras Cienc 80: 311-321.

Indexado (>2,0 a 4,0)

 V.-de-Moraes L, Bueno V, Marguti I, Marguti I, Vallochi AL, Yamamoto GL, Panajotopoulos N, Mengel JO, Rizzo LV 2008. Donor bone marrow cells play a role in the prevention of accelerated graft rejection induced by semi-allogeneic spleen cells in transplantation. Transpl Immunol 18: 330-337.

2009

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

 Oliveira RC, Teixeira BR, Mello FC, Pereira AP, Duarte AS, Bonaldo MC, Bonvicino CR, D'Andrea PS, Lemos ER 2009. Genetic characterization of a Juquitiba-like viral lineage in Oligoryzomys nigripes in Rio de Janeiro, Brazil. Acta Trop 112: 212-218.

2010

Indexado (fator de impacto > 2 e < 4)

[doi>](#) Neves PC, Rudersdorf RA, Galler R, Bonaldo MC, Veloso de Santana MG, Mudd PA, Martins MA, Rakasz EG, Wilson NA, Watkins DI 2010. CD8+ gamma-delta TCR+ and CD4+ T cells produce IFN-gamma at 5–7 days after yellow fever vaccination in Indian rhesus macaques, before the induction of classical antigen-specific T cell responses. *Vaccine* 28: 8183-8188.

[doi>](#) Mudd PA, Piaskowski SM, Neves PC, Rudersdorf R, Kolar HL, Eernisse CM, Weisgrau KL, de Santana MG, Wilson NA, Bonaldo MC, Galler R, Rakasz EG, Watkins DI 2010. The live-attenuated yellow fever vaccine 17D induces broad and potent T cell responses against several viral proteins in Indian rhesus macaques--implications for recombinant vaccine design. *Immunogenetics* 62: 593-600.

Indexado (fator de impacto > 4)

[doi>](#) Bonaldo MC, Martins MA, Rudersdorf R, Mudd PA, Sacha JB, Piaskowski SM, Costa Neves PC, Veloso de Santana MG, Vojnov L, Capuano S 3rd, Rakasz EG, Wilson NA, Fulkerson J, Sadoff JC, Watkins DI, Galler R 2010. Recombinant yellow fever vaccine virus 17D expressing simian immunodeficiency virus SIVmac239 gag induces SIV-specific CD8+ T-cell responses in rhesus macaques. *J Virol* 84: 3699-3706.

2011

Indexado (fator de impacto > 2 e 4)

[doi>](#) Nogueira RT, Nogueira AR, Pereira MC, Rodrigues MM, Galler R, Bonaldo MC 2011. Biological and immunological characterization of recombinant yellow fever 17D viruses expressing a Trypanosoma cruzi amastigote surface protein-2 CD8+ T cell epitope at two distinct regions of the genome. *Virol J* 8: - .

Galler R, Bonaldo MC, Alves AM 2011. Dengue vaccines: closer but not there yet. *Mem I Oswaldo Cruz (impresso)* 106: 905-906.

[doi>](#) Carpp LN, Galler R, Bonaldo MC 2011. Interaction between the yellow fever virus nonstructural protein NS3 and the host protein Alix contributes to the release of infectious particles. *Microbes Infect* 13: 85-95.

Indexado (fator de impacto > 4)

[doi>](#) Azevedo AS, Yamamura AM, Freire MS, Trindade GF, Bonaldo M, Galler R, Alves AM 2011. DNA vaccines against dengue virus type 2 based on truncate envelope protein or its domain III. *Plos One* 6: - .

[doi>](#) Vojnov L, Martins MA, Almeida JR, Ende Z, Rakasz EG, Reynolds MR, Leon EJ, Weisgrau KL, Burwitz BJ, Folkvord JM, de Santana MG, Neves PC, Connick E, Skinner PJ, Gostick E, Wilson NA, Bonaldo MC, Galler R, Price DA, Douek DC, Watkins DI 2011. GagCM9-specific CD8+ T cells expressing limited public TCR clonotypes do not suppress SIV replication in vivo. *Plos One* 6: - .

2012

Indexado (fator de impacto >= 7,51)

[doi>](#) Mudd PA, Martins MA, Ericson AJ, Tully DC, Power KA, Bean AT, Piaskowski SM, Duan L,

Seese A, Gladden AD, Weisgrau KL, Furlott JR, Kim YI, Veloso de Santana MG, Rakasz E, Capuano S 3rd, Wilson NA, Bonaldo MC, Galler R, Allison DB, Piatak M Jr, Haase AT, Lifson JD, Allen TM, Watkins DI 2012. Vaccine-induced CD8+ T cells control AIDS virus replication. *Nature* 491: 129-133.

Indexado (fator de impacto ≥ 1 e $< 2,71$)

[doi>](#) Trindade GF, Santana MG, Santos JR, Galler R, Bonaldo MC 2012. Retention of a recombinant GFP protein expressed by the yellow fever 17D virus in the E/NS1 intergenic region in the endoplasmic reticulum. *Mem I Oswaldo Cruz (impresso)* 107: 262-272.

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

[doi>](#) Vojnov L, Martins MA, Bean AT, Veloso de Santana MG, Sacha JB, Wilson NA, Bonaldo MC, Galler R, Stevenson M, Watkins DI 2012. The majority of freshly sorted simian immunodeficiency virus (SIV)-specific CD8+ T cells cannot suppress viral replication in SIV-infected macrophages. *J Virol* 86: 4682-4687.

2013

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

[doi>](#) Souza LPBO, Linss JGB, Lima-Camara TN, Belinato, TA, Peixoto AA, Lima JBP, Valle D, Martins-Jr AJ 2013. Assessing the Effects of *Aedes aegypti* kdr Mutations on Pyrethroid Resistance and its Fitness Cost. *Plos One* 8: - .

[doi>](#) Neves PCC, Santos JR, Tubarão LN, Bonaldo MC, Galler R 2013. Early IFN-Gamma Production after YF 17D Vaccine Virus Immunization in Mice and Its Association with Adaptive Immune Responses.. *Plos One* 6: - .

[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: - .

[doi>](#) Martins MA, Bonaldo MC, Rudersdorf RA, Piaskowski SM, Rakasz EG, Weisgrau KL, Furlott JR, Eernisse CM, Veloso de Santana MG, Hidalgo B, Friedrich TC, Chiuchiolo MJ, Parks CL, Wilson NA, Allison DB, Galler R, Watkins DI 2013. Immunogenicity of seven new recombinant yellow fever viruses 17DD expressing fragments of SIVmac239 Gag, Nef, and Vif in Indian rhesus macaques. *Plos One* 8: - .

[doi>](#) Nogueira RT, Nogueira AR, Pereira MC, Rodrigues, Neves PC, Galler R, Bonaldo MC 2013. Recombinant yellow fever viruses elicit CD8+ T cell responses and protective immunity against *Trypanosoma cruzi*. *Plos One* 8: - .

2014

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Sequeira PC, Senaratne RH, Riley LW 2014. Inhibition of toll-like receptor 2 (TLR-2)-mediated response in human alveolar epithelial cells by mycolic acids and *Mycobacterium tuberculosis* mce1 operon mutant.. *Pathog Dis* 70(2): 132-140.

Indexado (fator de impacto ≥ 1 e $< 2,71$)

[doi>](#) Maciel-de-Freitas R, Lima AWS, Araujo SC, Lima JBP, Galardo AKR, Honório NA, Braga IA, Coelho GE, Codeço CT, Valle D 2014. Discrepancies between *Aedes aegypti* identification in the field and in the laboratory after collection with a sticky trap. Mem I Oswaldo Cruz (impresso) 109: 824-827.

[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.

[doi>](#) Bonaldo MC, Sequeira PC, Galler R 2014. The yellow fever 17D virus as a platform for new live attenuated vaccines. Hum Vacc Immunother 10 (5): 1256-1265.

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

[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: - .

[doi>](#) Santana MG, Neves PCC, Santos JR, Lima NS, Santos AAC, Watkins D, Galler R, Bonaldo MC 2014. Improved genetic stability of recombinant yellow fever 17D virus expressing a lentiviral Gag gene fragment.. Virology 452-453: 202-211.

[doi>](#) Maciel-de-Freitas R, Avendanho, FC, Santos, R, Ribeiro GS, Araujo SC, Lima JBP, Martins-Jr AJ, Coelho, GE, Valle D 2014. Undesirable Consequences of Insecticide Resistance following *Aedes aegypti* Control Activities Due to a Dengue Outbreak. Plos One 9(3): - .

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

[doi>](#) Maciel-de-Freitas R, Valle D 2014. Challenges encountered using standard vector control measures for dengue in Boa Vista, Brazil. B World Health Organ 92: 685-689.

[doi>](#) Martins MA, Wilson NA, Piaskowski SN, Weisgrau KL, Furlott JR, Bonaldo MC, Veloso de Santa MG, Rudersdorf RA, Rakasz EG, Keating KD, Chiuchiolo MJ, Piatak M Jr, Allison DB, Parks CL, Galler R, Lifson JD, Watkins DI 2014. Vaccination with gene fragments of gag, vif, and nef affords partial control of viral replication after mucosal challenge with SIVmac239. J Virol 88: 7493-7516.

2015

Indexado (fator de impacto < 1 ou sem FI)

Araújo CP, Osório AL, Jorge KS, Ramos CA, Souza Filho AF, Vidal CE, Vargas AP, Roxo E, Da Silva RA, Suffys PN, Fonseca AA Jr, Silva MR, Barbosa Neto JD, Cerqueira VD, Araújo FR 2015. Direct detection of *Mycobacterium tuberculosis* complex in bovine and bubaline tissues through nested-PCR. Braz J Microbiol 45: 633-640.

Indexado (fator de impacto ≥ 1 e $< 2,71$)

[doi>](#) L C Farnesi, Menna-Barreto RFS, Martins-Jr AJ, Valle D, G L Rezende 2015. Physical features and chitin content of eggs from the mosquito vectors *Aedes aegypti*, *Anopheles*

aquasalis and Culex quinquefasciatus: Connection with distinct levels of resistance to desiccation. J Insect Physiol 83: 43-52.

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

[doi>](#) Belinato, TA, Valle D 2015. The impact of selection with diflubenzuron, a chitin synthesis inhibitor, on the fitness of two Brazilian Aedes aegypti field populations. Plos One 10(6): - .

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

[doi>](#) Cláudia Codeço, Arthur W S Lima, Simone C Araújo, Lima JBP, Maciel-de-Freitas R, Honório NA, Allan K Gallardo, Ima A Braga, Giovanini E Coelho, Valle D 2015. Surveillance of Aedes aegypti: comparison of House Index with four alternative traps. Plos Neglect Trop D 9(2): - .

[doi>](#) Martins MA, Tully DC, Cruz MA, Power KA, Veloso de Santana MG, Bean DJ, Ogilvie CB, Gadgil , Lima NS, Magnani DM, Ejima K, Allison DB, Piatak M Jr, Parks CL, Rakasz EG, Capuano S, Galler R, Bonaldo MC, Lifson JD, Allen TM, Watkins DI 2015. Vaccine-Induced Simian Immunodeficiency Virus-Specific CD8+ T-Cell Responses Focused on a Single Nef Epitope Select for Escape Variants Shortly after Infection. J Virol 89: 10802-10820.

[doi>](#) Manso PPA, Oliveira BCEPD, Sequeira PC, Maia-de-Souza YR, Ferro JMS, Silva IJ, Caputo L, Guedes PT, Santos AAC, Freire MS, Bonaldo MC, Pelajo-Machado M 2015. Yellow Fever 17DD Vaccine Virus Infection Causes Detectable Changes in Chicken Embryos. Plos Neglect Trop D 9: - .

Qualis B2

Valle D, Helio Schechtman , Max Souza 2015. Aedes aegypti, modelagem matemática e uso racional de inseticidas. Ciência Hoje 56: 50-51.

Valle D, Aguiar R, Denise Nacif Pimenta 2015. Lançando luz sobre a dengue. Ciência e Cultura 67: 4-5.

2016

Indexado (fator de impacto < 1 ou sem FI)

keli rocha 2016. Aedes aegypti, o mosquito que tem tirado o sono dos brasileiros (Denise Valle participou dando entrevista cujo conteúdo está no artigo) . Revista da Associação Paulista de Medicina 674: 16-19.

[doi>](#) Valle D 2016. No magic bullet: citizenship and social participation in the control of Aedes aegypti. Epidemiologia e Serviços de Saúde 25: 629-632.

[doi>](#) Valle D, Denise Nacif Pimenta, Aguiar R 2016. Zika, dengue e chikungunya: desafios e questões. Epidemiologia e Serviços de Saúde 25: 419-422.

Indexado (fator de impacto $\geq 7,51$)

[doi>](#) Wang L, Valderramos SG, Wu A, Ouyang S, Li C, Brasil P, Bonaldo M, Coates T, Nielsen-

Saines K, Jiang T, Aliyari R, Cheng G 2016. From Mosquitos to Humans: Genetic Evolution of Zika Virus. *Cell Host Microbe* 19: 561-565.

Indexado (fator de impacto ≥ 1 e $< 2,71$)

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

[doi>](#) Henriques BS, Genta FA, Mello CB, Silva LR, Codogno TF, Oliveira AFR, Marinho LP, Valle D, Lima JBP, Feder D, Gonzalez MS, Azambuja P 2016. Triflumuron effects in the physiology and reproduction of *Rhodnius prolixus* adult females. *BioMed Res Int* 2016: - .

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

[doi>](#) Kojin BB, Costa-da-Silva AL, Maciel C, Henriques DA, Carvalho DO, Martin K, Marinotti O, James AA, Bonaldo MC, Capurro ML 2016. Endogenously-expressed NH2-terminus of circumsporozoite protein interferes with sporozoite invasion of mosquito salivary glands.. *Malaria J* 15: - .

[doi>](#) Bonaldo MC, Ribeiro IP, Lima NS, Santos AAC, Menezes LS, Cruz SOD, Silva-de-Mello I, Furtado ND, Evangelista-de-Moura E, Damasceno L, da Silva KA, Castro MG, Gerber AL, de Almeida LG, Lourenço de Oliveira R, Vasconcelos AT, Brasil P 2016. Infective Zika Virus from Urine and Saliva of Patients in Brazil. *Plos Neglect Trop D* 10: - .

[doi>](#) Manso PPA, Oliveira BCEPD, Sequeira PC, Maia-de-Souza YR, Silva IJ, Ferro JMS, Caputo L, Guedes PT, Santos AAC, Freire MS, Bonaldo MC, Pelajo-Machado M 2016. Kinetic Study of Yellow Fever 17DD Viral Infection in *Gallus gallus domesticus* Embryos. *Plos One* 11: - .

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

[doi>](#) Valle D 2016. Denise Valle: on bugs, dengue and swimming. *Trends Parasitol* 32: 172-174.

2017

Indexado (fator de impacto $\geq 7,51$)

[doi>](#) Magnani DM, Rogers TF, Beutler N, Ricciardi MJ, Bailey VK, Gonzalez-Nieto L, Briney B, Sok D, Le K, Strubel A, Gutman MJ, Pedreño-Lopez N, Grubaugh ND, Silveira CGT, Maxwell HS, Domingues A, Martins MA, Lee DE, Okwuazi EE, Jean S, Strobert EA, Chahroudi A, Silvestri G, Vanderford TH, Kallas EG, Desrosiers RC, Bonaldo MC, Whitehead SS, Burton DR, Watkins DI 2017. Neutralizing human monoclonal antibodies prevent Zika virus infection in macaques. *Sci Transl Med* 9: - .

Indexado (fator de impacto ≥ 1 e $< 2,71$)

[doi>](#) Fernandes RS, Campos SS, Ribeiro PS, Raphael LMS, Bonaldo MC, Lourenço de Oliveira R 2017. *Culex quinquefasciatus* from areas with the highest incidence of microcephaly associated with Zika virus infections in the Northeast Region of Brazil are refractory to the virus. *Mem I Oswaldo Cruz (impresso)* 112(8): 577-579.

[doi>](#) Bonaldo MC, Gomes MM, Santos AAC, Santos FV, Ferreira AA, Moraes-de-Miranda R, Castro MG, Lourenço de Oliveira R 2017. Genome analysis of yellow fever virus of the ongoing outbreak in Brazil reveals polymorphisms. *Mem I Oswaldo Cruz (impresso)* 112(6): 447-451.

[doi>](#) Fernandes P, 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>](#) Martins MA, Tully DC, Shin YC, Gonzalez-Nieto L, Weisgrau KL, Bean DJ, Gadgil R, Gutman MJ, Lima NS, Maxwell HS, Magnani DM, Ricciardi M, Pedreño-Lopez N, Bailey V, Domingues A, Cruz MA, Bonaldo MC, Altman JD, Rakasz E, Capuano S, Reimann KA, Piatak Jr. M, Lifson JD, Desrosiers RC, Allen TM, Watkins DI 2017. Rare Control of SIVmac239 Infection in a Vaccinated Rhesus Macaque. *AIDS Res Hum Retrov* 33(8): 843-858.

[doi>](#) Possas C, Brasil P, Marzochi MCA, Tanuri A, Martins RM, Marques ET, Bonaldo MC, Ferreira AGP, Lourenço de Oliveira R, Nogueira RMR, Sequeira PC, Marzochi KBF, Homma A 2017. Zika puzzle in Brazil: peculiar conditions of viral introduction and dissemination - A Review. *Mem I Oswaldo Cruz (impresso)* 112(5): 319-327.

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

[doi>](#) Ferreira LC, Vargas HCM, Valle D, Rezende GL 2017. Darker eggs of mosquitoes resist more to dry conditions: Melanin enhances serosal cuticle contribution in egg resistance to desiccation in *Aedes*, *Anopheles* and *Culex* vectors. *Plos Neglect Trop D* 11: - .

[doi>](#) Fernandes RS, Santos AAC, Moraes-de-Miranda R, Loza-Telleria E, Ferreira AA, Castro MG, Failloux AB, Bonaldo MC, Lourenço de Oliveira R 2017. Zika virus can be venereally transmitted between *Aedes aegypti* mosquitoes. *Parasite Vector* 10: - .

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

[doi>](#) Silva DM, Delatorre EO, Bonaldo MC, Lourenço de Oliveira R, Vicente AC, Bello G 2017. Phylodynamics of Yellow Fever Virus in the Americas: new insights into the origin of the 2017 Brazilian outbreak. *Sci Rep* 7(1): - .

2018

Indexado (fator de impacto $\geq 7,51$)

[doi>](#) Magnani DM, Rogers TF, Maness NJ, Grubaugh ND, Beutler N, Bailey VK, Gonzalez-Nieto L, Gutman MJ, Pedreño-Lopez N, Kwal JM, Ricciardi MJ, Myers TA, Julander JG, Bohm RP, Gilbert MH, Schiro F, Aye PP, Blair RV, Martins MA, Falkenstein KP, Kaur A, Curry CL, Kallas EG, Desrosiers RC, Goldschmidt-Clermont PJ, Whitehead SS, Andersen KG, Lackner AA, Panganiban AT, Burton DR, Watkins DI 2018. Fetal demise and failed antibody therapy during Zika virus infection of pregnant macaques. *Nat Commun* 9: - .

[doi>](#) Lopes Moreira ME, Nielsen-Saines K, Brasil P, Kerin T, Damasceno L, Pone M, Carvalho LMA, Pone SM, Vasconcelos Z, Ribeiro IP, Zin AA, Tsui I, Adachi K, Gaw SL, Galai UA, Salles TS, da Cunha DC, Bonaldo MC, Raja Gabaglia C, Guida L, Malacarne J, Costa RP, Gomes SC Jr, Reis AB, Soares FVM, Hasue RH, Aizawa CYP, Genovesi FF, Aibe M, Einspieler C, Marschik PB,

Pereira JP Jr, Portari EA, Janzen C, Cherry JD 2018. Neurodevelopment in Infants Exposed to Zika Virus In Utero. *New Engl J Med* 379(24): 2377-2379.

Indexado (fator de impacto ≥ 1 e $< 2,71$)

[doi>](#) Gomes MM, Santos FV, Santos AAC, Silva-de-Mello I, Santos MP, Ribeiro IP, Ferreira AA, Moraes-de-Miranda R, Castro MG, Ribeiro MS, Laterrière Junior RC, Aguiar SF, Meira GLS, Santos DA, Torres PHM, Silva DM, Vicente ACP, Guimaraes ACR, Caffarena ER, Bello G, Lourenço de Oliveira R, Bonaldo MC 2018. Genomic and structural features of the yellow fever virus from the 2016-2017 Brazilian outbreak. *J Gen Virol* 99: 536-548.

[doi>](#) David MR, Garcia GA, Valle D, Maciel-de-Freitas R 2018. Insecticide resistance and fitness: the case of four *Aedes aegypti* populations from different Brazilian regions. *BioMed Res Int* 2018: - .

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

[doi>](#) Torres AQ, Valle D, Mesquita RD, Lellis RS 2018. Gene Family Evolution and the Problem of a Functional Classification of Insect Carboxylesterases. *Life Sci* 2018: 1-26.

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

[doi>](#) Medeiros PFV, Bellinato DF, Valle D 2018. Laboratory selection of *Aedes aegypti* field populations with the organophosphate malathion: Negative impacts on resistance to deltamethrin and to the organophosphate temephos. *Plos Neglect Trop D* 12(8): - .

[doi>](#) Martins MA, Tully DC, Pedreño-Lopez n, von Bredow B, Pauthner MG, Shin YC, Yuan M, Lima MS, Bean DJ, Gonzalez-Nieto L, Domingues A, Gutman MJ, Maxwell HS, Magnani DM, Ricciardi MJ, Bailey VK, Altman JD, Burton DR, Ejima K, Allison DB, Evans DT, Rakasz EG, Parks CL, Capuano S, Lifson JD, Desrosiers RC, Allen TM, Watkins DI 2018. Mamu-B*17+ Rhesus Macaques Vaccinated with env, vif, and nef Manifest Early Control of SIVmac239 Replication. *J Virol* 92: e00690-18-e00690-18.

[doi>](#) Macoris ML, Martins-Jr AJ, Andrighetti MTM, Lima JBP, Valle D 2018. Pyrethroid resistance persists after ten years without usage against *Aedes aegypti* in governmental campaigns: Lessons from São Paulo State, Brazil. *Plos Neglect Trop D* 12(3): - .

[doi>](#) Garcia GA, David MR, Martins-Jr AJ, Maciel-de-Freitas R, Linss JGB, Araujo SC, Lima JBP, Valle D 2018. The impact of insecticide applications on the dynamics of resistance: The case of four *Aedes aegypti* populations from different Brazilian regions. *Plos Neglect Trop D* 12(2): - .