

## Laboratório de Biologia Molecular de Parasitos e Vetores

2009

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

**doi:** Sampaio MC, Barbosa AF, Este MG, Pirmez C, Bello AR, Traub-Cseko YM 2009. A 245 kb mini-chromosome impacts on *Leishmania braziliensis* infection and survival. *Biochem Bioph Res Co* 382: 74-78.

**doi:** Pitaluga AN, Beteille V, Lobo AR, Ortigão-Farias JR, Davila AM, Souza AA, Ramalho-Ortigão JM, Traub-Cseko YM 2009. EST sequencing of blood-fed and *Leishmania*-infected midgut of *Lutzomyia longipalpis*, the principal visceral leishmaniasis vector in the Americas. *Mol Genet Genomics* 282: 307-317.

**doi:** Cestari IS, Krarup A, Sim RB, Inal JM, Ramirez MI 2009. Role of early lectin pathway activation in the complement-mediated killing of *Trypanosoma cruzi*. *Mol Immunol* 47: 426-437.

2010

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

**doi:** Fampa P, Santos AL, Ramirez MI 2010. *Trypanosoma cruzi*: ubiquity expression of surface cruzipain molecules in TCI and TCII field isolates. *Parasitol Res* 107: 443-447.

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**doi:** Evans-Osses I, Ansa-Addo EA, Inal JM, Ramirez MI 2010. Involvement of lectin pathway activation in the complement killing of *Giardia intestinalis*. *Biochem Bioph Res Co* 395: 382-386.

**doi:** Deolindo P, Teixeira-Ferreira AS, DaMatta RA, Alves EW 2010. L-amino acid oxidase activity present in fractions of *Bothrops jararaca* venom is responsible for the induction of programmed cell death in *Trypanosoma cruzi*. *Toxicon* 56: 944-955.

**doi:** Silva SR, Tempone AJ, Silva TP, Costa MR, Pereira GM, Lara FA, Pessolani MC, Esquenazi D 2010. *Mycobacterium leprae* downregulates the expression of PHEX in Schwann cells and osteoblasts. *Mem I Oswaldo Cruz (impresso)* 105: 627-632.

**doi:** Fampa P, Lisboa CV, Zahner V, Jansen AM, Ramirez MI 2010. Wide proteolytic activity survey reinforces heterogeneity among *Trypanosoma cruzi* TCI and TCII wild populations. *Vector-Borne Zoonot* 10: 839-845.

### Indexado (fator de impacto > 4)

**doi:** Bahia AC, Kubota MS, Tempone AJ, Pinheiro WD, Tadei WP, Secundino NF, Traub-Csekö YM, Pimenta PF 2010. *Anopheles aquasalis* infected by *Plasmodium vivax* displays unique gene expression profiles when compared to other malaria vectors and plasmodia. *Plos One* 5: - .

**doi:** Ansa-Addo EA, Lange S, Stratton D, Antwi-Baffour S, Cestari I, Ramirez MI, McCrossan

MV, Inal JM 2010. Human plasma membrane-derived vesicles halt proliferation and induce differentiation of THP-1 acute monocytic leukemia cells. *J Immunol* 185: 5236-5246.

**doi:** Cestari I, Ramirez MI 2010. Inefficient complement system clearance of *Trypanosoma cruzi* metacyclic trypomastigotes enables resistant strains to invade eukaryotic cells. *Plos One* 5: - .

**doi:** Rodrigues LS, da Silva Maeda E, Moreira ME, Tempone AJ, Lobato LS, Ribeiro-Resende VT, Alves L, Rossle S, Lopes UG, Pessolani MC 2010. *Mycobacterium leprae* induces insulin-like growth factor and promotes survival of Schwann cells upon serum withdrawal. *Cell Microbiol* 12: 42-54.

**doi:** Telleria EL, Araújo AP, Secundino NF, d'Avila-Levy CM, Traub-Csekö YM 2010. Trypsin-like serine proteases in *Lutzomyia longipalpis* - Expression, activity and possible modulation by *Leishmania infantum chagasi*. *Plos One* 5: - .

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**doi:** Pereira BA, Silva FS, Rebello KM, Marín-Villa M, Traub-Csekö YM, Andrade TC, Bertho ÁL, Caffarena ER, Alves CR 2011. In silico predicted epitopes from the COOH-terminal extension of cysteine proteinase B inducing distinct immune responses during *Leishmania (Leishmania) amazonensis* experimental murine infection. *BMC Immunol* 12: - .

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**doi:** Bahia AC, Kubota MS, Tempone AJ, Araújo HR, Guedes BA, Orfanó AS, Tadei WP, Ríos-Velásquez CM, Han YS, Secundino NF, Barillas-Mury C, Pimenta PF, Traub-Csekö YM 2011. The JAK-STAT pathway controls *Plasmodium vivax* load in early stages of *Anopheles aquasalis* infection. *Plos Neglect Trop D* 5: - .

## 2012

### Indexado (fator de impacto >=1 e < 2,71)

**doi:** Araújo AP, Telleria EL, Dutra JM, Júlio RM, Traub-Csekö YM 2012. Disruption of the peritrophic matrix by exogenous chitinase feeding reduces fecundity in *Lutzomyia longipalpis* females. *Mem I Oswaldo Cruz (impresso)* 107: 543-545.

### Indexado (fator de impacto >=2,71 e < 4,35)

**doi:** Zauli RC, Yokoyama-Yasunaka JK, Miguel DC, Moura AS, Pereira Lia, da Silva IA Jr, Lemes LG, Dorta ML, de Oliveira MA, Pitaluga AN, Ishikawa EA, Rodrigues JC, Traub-Csekö YM, Bijovsky AT, Ribeiro-Dias F, Uliana SR 2012. A dysflagellar mutant of *Leishmania (Viannia) braziliensis* isolated from a cutaneous leishmaniasis patient. *Parasite Vector* 5: - .

**doi:** França-Costa J, Wanderley JL, Deolindo P, Zarattini JB, Costa J, Soong L, Barcinski MA, Barral A, Borges VM 2012. Exposure of phosphatidylserine on *Leishmania amazonensis* isolates is associated with diffuse cutaneous leishmaniasis and parasite infectivity. *Plos One* 7: - .

**doi:** Cestari I, Evans-Osses I, Schlapbach LJ, de Messias-Reason I, Ramirez MI 2012.

Mechanisms of complement lectin pathway activation and resistance by trypanosomatid parasites. Mol Immunol 53: 328-334.

**Indexado (fator de impacto >=4,35 e < 7,51)**

**doi:** Telleria EL, Sant'Anna MR, Ortigão-Farias JR, Pitaluga AN, Dillon VM, Bates PA, Traub-Csekö YM, Dillon RJ 2012. Caspar-like gene depletion reduces Leishmania infection in sand fly host Lutzomyia longipalpis. J Biol Chem 287: 12985-12993.

**doi:** Cestari I, Ansa-Addo E, Deolindo P, Inal JM, Ramirez MI 2012. Trypanosoma cruzi immune evasion mediated by host cell-derived microvesicles. J Immunol 188: 1942-1952.

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**Indexado (fator de impacto >=1 e < 2,71)**

**doi:** Deolindo P, Evans-Osses I, Ramirez MI 2013. Microvesicles and exosomes as vehicles between protozoan and host cell communication.. Biochem Soc T 41: 252-257.

**doi:** Evans-Osses I, De Messias-Reason, Iara, Ramirez MI 2013. The Emerging Role of Complement Lectin Pathway in Trypanosomatids: Molecular Bases in Activation, Genetic Deficiencies, Susceptibility to Infection, and Complement System-Based Therapeutics. Scientific World Journal 2013: - .

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**doi:** Bahia, Ana C., Oliveira, José Henrique M., Kubota MS, Araújo, Helena R.C, Lima, José B.P, Claudia Maria Ríos-Velásquez, , Marcus Vinícius G. Lacerda, Oliveira, Pedro L, Traub-Cseko YM, Pimenta PF 2013. The Role of Reactive Oxygen Species in Anopheles aquasalis Response to Plasmodium vivax Infection. Plos One 8: - .

**2014**

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

**doi:** Wagner G, Fonseca RJM, Tschoeke DA, Loureiro DR, Ocaña KA, Ribeiro AC, Emmel VE, Probst CM, Pitaluga AN, Grisard EC, Cavalcanti MC, Campos ML, Mattoso M, Davila AMR 2014. STINGRAY: system for integrated genomic resources and analysis. BMC Res Notes 7: - .

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**doi:** Pitaluga NA, Maria Elisabete Costa Moreira, Traub-Cseko YM 2014. A putative role for Inosine 5' Monophosphate Dehydrogenase (IMPDH) in Leishmania amazonensis programmed cell death. Exp Parasitol 149C: 32-38.

**doi:** Diogo A Tschoeke, Gisele L Nunes, Fonseca RJM, Joana Lima, Aline SR Dumaresq, Monete R Gomes, Leandro de Mattos Pereira, Daniel R Loureiro, Patricia H Stoco, Herbert Leonel de Matos Guedes, Miranda AB, Jeronimo Ruiz, Pitaluga AN, Silva Jr FPS, Christian M Probst,

Nicholas J Dickens, Jeremy C Mottram, Edmundo C Grisard, Davila AMR 2014. The Comparative Genomics and Phylogenomics of *Leishmania amazonensis* Parasite. *Evol Bioinform (impresso)* 10: 131-153.

**Indexado (fator de impacto >=2,71 e < 4,35)**

**doi:** Chanjuan Liang, Jeroen P. van Dijk, Ingrid M. J. Scholtens, Martijn Staats, Theo W. Prins, Marleen M. Voorhuijzen, Silva AM, Ana Carolina Maisonnave Arisi, Johan T. den Dunnen, Esther J. Kok 2014. Detecting authorized and unauthorized genetically modified organisms containing vip3A by real-time PCR and next-generation sequencing. *Anal Bioanal Chem* 406: 2603-2611.

**doi:** Evans-Osses I, Quesne AHML, Beltrame MH, Costa DE, Rocha WD, Velavan TP, Messias-Reason I, Ramirez MI 2014. Differential ability to resist to complement lysis and invade host cells mediated by MBL in R4 and 860 strains of *Trypanosoma cruzi*. *Febs Lett* 588(6): 956-961. 2015

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**doi:** Evans-Osses I, Reichembach LH, Ramirez MI 2015. Exosomes or microvesicles? Two kinds of extracellular vesicles with different routes to modify protozoan-host cell interaction. *Parasitol Res* 114: 3567-3575.

**doi:** Blasi TD, Lobo A, Nascimento, L.M, Cordova-Rojas, J.L., Antonio KP, Marín-Villa,M., Tempone AJ, Loza-Telleria E, Ortigão-Farias JR, Mcmahonpratt,D., Traub-Cseko YM 2015. The flagellar protein FLAG1/SMP1 is a candidate for *Leishmania*-sand fly interaction. *Vector-Borne Zoonot* 15: 202-209.

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**doi:** Silva SR, Illarramendi X, Tempone AJ, Silva PH, Nery JA, , Monteiro AM, Pessolani MCV, Boasquevisque E, Sarno, E.N., Pereira GM, Esquenazi, D 2015. Downregulation of PHEX in multibacillary leprosy patients: observational cross-sectional study. *J Transl Med* 13: 296-304.

**doi:** Bates, P, Dapaquit, J, Galati, E.A.B, Kamhawi, S, Maroli, M, McDowell, M.A, Picado,A., Ready, P.D., Salomon, O.D, Shaw, J.J, Traub-Cseko YM, Warburg,A. 2015. Recent advances in phlebotomine sand fly research related to leishmaniasis control. *Parasite Vector* 8: - .

**Indexado (fator de impacto >=4,35 e < 7,51)**

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extracellular vesicles research. Bioinformatics 31 (6): 933-939.

## 2016

### **Indexado (fator de impacto >=2,71 e < 4,35)**

**doi:** Tinoco-Nunes, B, Loza-Telleria E, Souza-Neves, M, Marques, C., Brito DAA, Pitaluga NA, Traub-Cseko YM 2016. The sandfly Lutzomyia longipalpis LL5 embryonic cell line has active Toll and Imd pathways and shows immune responses to bacteria, yeast and Leishmania.. Parasite Vector 9: - .

## 2018

### **Indexado (fator de impacto >=1 e < 2,71)**

**doi:** Telleria EL, Martins-da-Silva A, Tempone AJ, Traub-Cseko YM 2018. Leishmania, microbiota and sand fly immunity. Parasitology 145: 1336-1353.

### **Indexado (fator de impacto >=2,71 e < 4,35)**

**doi:** Ortigão-Farias JR, Di-Blasi T, Loza-Telleria E, Andorinho AC, Silva TL, Ramalho-Ortigão M, Tempone AJ, Traub-Cseko YM 2018. Alternative splicing originates different domain structure organization of Lutzomyia longipalpis chitinases. Mem I Oswaldo Cruz (impresso) 113: 96-101.

**doi:** de Rezende Dias G, Fujii TTS, Fogel BF, Lourenço de Oliveira R, Silva-do-Nascimento TF, Pitaluga NA, Carvalho-Pinto CJ, Carvalho AB, Peixoto AA, Rona LDP 2018. Cryptic diversity in an Atlantic Forest malaria vector from the mountains of South-East Brazil. Parasite Vector 11: - .

**doi:** Martins-da-Silva A, Telleria EL, Batista M, Marchini F, Traub-Cseko YM, Tempone AJ 2018. Identification of Secreted Proteins Involved in Nonspecific dsRNA-Mediated Lutzomyia longipalpis LL5 Cell Antiviral Response. Viruses-Basel 10: E43-E43.

### **Indexado (fator de impacto >=4,35 e < 7,51)**

**doi:** Bahia AC, Kubota MS, Souza-Neto JA, Koerich L, Barletta ABF, Araújo HRC, Gonçalves CM, Ríos-Velasquez CM, Pimenta PFP, Traub-Cseko YM 2018. An Anopheles aquasalis GATA factor Serpent is required for immunity against Plasmodium and bacteria. Plos Neglect Trop D 12: - .