

Laboratório de Biologia Estrutural


2006

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

Antunes SL, Chimelli LM, Rabello ET, Valentim VC, Côrte-Real S, Sarno EN, Rodrigues MJ 2006. An immunohistochemical, clinical and electroneuromyographic correlative study of the neural markers in the neuritic form of leprosy.. *Braz J Med Biol Res* 39: 1071-1081.

Rivas-Totino PR, Pratt-Riccio EK, Côrte-Real S, Daniel-Ribeiro CT, Ferreira-da-Cruz MF 2006. Dexamethasone has pro-apoptotic effects on non-activated fresh peripheral blood mononuclear cells. *Cell Biol Int* 30: 133-137.

de Moraes Neto AH, Cunha GSP, Ferreira TF, de Carvalho SN, Guimarães EV, de Souza W 2006. Fine structure and cytochemical analysis of the intestinal wall along the body of adult female of *Litomosoides chagasfilhoi* (Nematoda: Filarioidea). *Parasitol Res* 98: 525-533.

 Scelza MF, Oliveira LRL, Carvalho FB, Côrte-Real S 2006. In vitro evolution of macrophage viability after incubation in orange oil, eucalyptol, and chloroform. *Or Surg Or Med Or Pa* 102: e24-e27.

Simões SBE, Scholz T, Barbosa HS, Santos CP 2006. Taxonomic status, redescription, and surface ultrastructure of *Ascocotyle* (*Phagicola*) *pindoramensis* n. comb. (*Digenea*: *Heterophyidae*). *J Parasitol* 92: 501-508.

Dantas AP, Salomão K, Barbosa HS, de Castro SL 2006. The effect of Bulgarian propolis against *Trypanosoma cruzi* and during its interaction with host cells. *Mem I Oswaldo Cruz* (impresso) 101: 207-211.

Santa-Rita RM, Barbosa HS, de Castro SL 2006. Ultrastructural analysis of edelfosine-treated trypomastigotes and amastigotes of *Trypanosoma cruzi*. *Parasitol Res* 100: 187-190.

2007

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

Aguiar AL, Martins CJ, Meuser-Batista M, Carvalho VF, Barreto EO, Rodrigues e Silva PM, Côrte-Real S, Baetas da Cruz WB 2007. A case of keratoacanthoma centrifugum marginatum with a curious mast cell accumulation at tumour sites. *J Eur Acad Dermatol Venereol* 21: 392-435.

Streck AP, Moncores M, Sarmiento DF, Barbosa HS, Weissmuller G, Baetas da Cruz WB 2007. Study of Nanomechanical Properties of Human Hair Shaft in a Case of Pili Annulati by Atomic Force Microscopy. *J Eur Acad Dermatol Venereol* 21: 1109-1110.

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

Guimarães EV, Acquarone M, Carvalho L, Barbosa HS 2007. Anionic Sites on *Toxoplasma gondii* Tissue Cyst Wall: Expression, Uptake and Characterization. *Micron* 38: 651-658.

Zaverucha do Valle T, Lemos CS, Souza CSF, Baetas da Cruz W, Gaspar EB, D'Escoffier LN, Corte-Real S, Calabrese KS, Zamora Márquez FB, Gonçalves da Costa SC 2007. Experimental *Leishmania* (*L.*) *amazonensis* leishmaniasis: characterization and immunogenicity of subcellular

fractions. *Immunol Invest* 36: 473-492.

Tedesco RC, Vitor RWA, Brandão GP, Calabrese KS 2007. Ocular Toxoplasmosis Signs in Mice Embryo. *Micron* 38: 729-733.

Silva CPS, Simões SBE, Barbosa HS, Scholz T 2007. Redescription of *Ascocotyle* (*Ascocotyle*) *felippeii* Travassos, 1928 (Digenea: Heterophyidae) with new synonymies. *J Parasitol* 93: 1468-1475.

2008

Indexado (> 0,65 a 2,0)

[doi>](#) Cortez E, Stumbo AC, Saldanha-Gama R, Villela CG, Barja-Fidalgo C, Rodrigues CA, Henriques MG, Benchimol M, Barbosa HS, Porto LC, Carvalho L 2008. Immunolocalization of an osteopontin-like protein in dense granules of *Toxoplasma gondii* tachyzoites and its association with the parasitophorous vacuole. *Micron* 39: 25-31.

[doi>](#) Meuser-Batista M, Corrêa JR, Soares MJ, Henriques-Pons A 2008. Isolation of cardiac mast cells in experimental *Trypanosoma cruzi* infection. *Tissue Cell* 40: 309-316.

[doi>](#) SANTOS, D. O, Coutinho, C.E.R. , MADEIRA, M. F. , Bottino, C.G. ;, Vieira, R. T, Nascimento, SB, Bernardino, A, Bourguignon SC, Corte-Real S 2008. Leishmaniasis treatment—a challenge that remains: a review . *Parasitol Res* 103: 1-10.

[doi>](#) STUMBO, A. C, Cortez EC, PORTO, L. C, Barbosa HS, Carvalho, L. 2008. Mitochondrial localization of non-histone protein HMGB1 during human endothelial cell-*Toxoplasma gondii* infection. *Cell Biol Int* 32: 235-238.

[doi>](#) Totino PRR, Daniel-Ribeiro CT, Corte-Real S 2008. *Plasmodium falciparum*: Erythrocytic stages die by autophagic-like cell death under drug pressure. *Exp Parasitol* 118: 478-486.

[doi>](#) Guimarães EV, Carvalho, L , Barbosa HS 2008. Primary culture of skeletal muscle cells as a model for studies of *Toxoplasma gondii* cystogenesis. *J Parasitol* 94: 72-83.

[doi>](#) Calabrese KS, Tedesco RC, Zaverucha do Valle T, Barbosa HS 2008. Serum and aqueous humour cytokine response and histopathological alterations during ocular *Toxoplasma gondii* infection in C57BL/6 mice. *Micron* 39: 1335-1341.

[doi>](#) Corrêa JR, Atella GC, Batista MM, Soares MJ 2008. Transferrin uptake in *Trypanosoma cruzi* is impaired by interference on cytosome-associated cytoskeleton elements and stability of membrane cholesterol, but not by obstruction of clathrin-dependent endocytosis. *Exp Parasitol* 119: 58-66.

Indexado (>4,0)

[doi>](#) Souza-lemos C, de Campos SN, Teva A, Corte-Real S, Fonseca EC, Porrozzi R, Grimaldi F. G 2008. Dynamics of immune granuloma formation in a *Leishmania braziliensis*-induced self-limiting cutaneous infection in the primate *Macaca mulatta*. *J Pathol* 216: 375-386.

[doi>](#) Ferreira-da-Silva MF, Barbosa HS, Gross U, Luder C 2008. Stress-related and spontaneous stage differentiation of *Toxoplasma gondii*. *Mol Biosyst* 4: 824-834.

Indexado (>2,0 a 4,0)

[doi>](#) Baetas-da-Cruz W, Castro P, Guimarães EV, Koatz VL, Corte-Real S, Cavalcante LA 2008. Increase in nuclear translocation of nuclear transcription factor-kB following infection of a human Schwann cell line with *Leishmania amazonensis*. *Brit J Dermatol* 158: 631-633.

2009

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

[doi>](#) Rebello KM, Côrtes LM, Pereira BA, Pascarelli BM, Corte-Real S, Finkelstein LC, Pinho RT, d'Avila-Levy CM, Alves CR 2009. Cysteine proteinases from promastigotes of *Leishmania (Viannia) braziliensis*. *Parasitol Res* 106: 95-104.

[doi>](#) Menna-Barreto RF, Salomão K, Dantas AP, Santa-Rita RM, Soares MJ, Barbosa HS, Castro SL 2009. Different cell death pathways induced by drugs in *Trypanosoma cruzi*: An ultrastructural study. *Micron* 40: 157-168.

[doi>](#) Costa JD, Soares R, Finkelstein LC, Corte-Real S, Meirelles MN, Porrozzini R 2009. Fast high yield of pure *Leishmania (Leishmania) infantum* axenic amastigotes and their infectivity to mouse macrophages. *Parasitol Res* 105: 227-236.

[doi>](#) Hausen MA, Oliveira RP, Gadelha AP, Campanati L, Carvalho JJ, Carvalho L, Barbosa HS 2009. *Giardia lamblia*: a report of drug effects under cell differentiation. *Parasitol Res* 105: 789-796.

[doi>](#) Guimarães EV, Carvalho L, Barbosa HS 2009. Interaction and cystogenesis of *Toxoplasma gondii* within skeletal muscle cells in vitro. *Mem I Oswaldo Cruz (impresso)* 104: 170-174.

[doi>](#) Moura MA, Amendoeira MR, Barbosa HS 2009. Primary culture of intestinal epithelial cells as a potential model for *Toxoplasma gondii* enteric cycle studies. *Mem I Oswaldo Cruz (impresso)* 104: 862-864.

[doi>](#) Totino PR, Daniel-Ribeiro CT, Ferreira-da-Cruz MF 2009. Pro-apoptotic effects of antimalarial drugs do not affect mature human erythrocytes. *Acta Trop* 112: 236-238.

[doi>](#) Ferreira-da-Silva MF, Rodrigues RM, Andrade EF, Carvalho L, Gross U, Lüder CG, Barbosa HS 2009. Spontaneous stage differentiation of mouse-virulent *Toxoplasma gondii* RH parasites in skeletal muscle cells: an ultrastructural evaluation. *Mem I Oswaldo Cruz (impresso)* 104: 196-200.

[doi>](#) Simões SB, Barbosa HS, Santos CP 2009. The life history of *Pygidiopsis macrostomum* Travassos, 1928 (Digenea: Heterophyidae). *Mem I Oswaldo Cruz (impresso)* 104: 106-111.

Indexado (fator de impacto > 2 e < 4)

Baetas-da-Cruz W, Alves L, Guimarães, EV, Santos-Silva A, Pessolani MC, Barbosa HS, Corte-Real S, Cavalcante LA 2009. Efficient uptake of mannosylated proteins by a human Schwann cell line. *Histol Histopathol* 24: 1029-1034.

[doi>](#) Pinheiro RO, Nunes MP, Pinheiro CS, Bozza PT, Yakiya CM, Corte-Real S, Freire-de-Lima CG, DosReis GA 2009. Induction of autophagy correlates with increased parasite load of *Leishmania amazonensis* in BALB/c but not C57BL/6 macrophages. *Microbes Infect* 11: 181-190.

[doi>](#) Menna-Barreto RF, Corrêa JR, Cascabulho CM, Fernandes MC, Pinto AV, Soares MJ, de Castro SL 2009. Naphthoimidazoles promote different death phenotypes in *Trypanosoma cruzi*. *Parasitology* 136: 499-510.

[doi>](#) Ferreira-da-Silva MF, Takács AC, Barbosa HS, Gross U, Lüder CG 2009. Primary skeletal muscle cells trigger spontaneous *Toxoplasma gondii* tachyzoite-to-bradyzoite conversion at higher rates than fibroblasts. *Int J Med Microbiol* 299: 381-388.

[doi>](#) Baetas-da-Cruz W, Corte-Real S, Cavalcante LA 2009. Schwann cells as putative safe host cells for *Leishmania amazonensis*. *Int J Infect Dis* 13: e323-e324.

[doi>](#) Baetas da Cruz W, Alves L, Pessolani MC, Barbosa HS, Régner-Vigouroux A, Corte-Real S, Cavalcante LA 2009. Schwann cells express the macrophage mannose receptor and MHC class II. Do they have a role in antigen presentation?. *J Peripher Nerv Syst* 14: 84-92.

[doi>](#) Cortez EC, Stumbo AC, Oliveira M, Barbosa HS, Carvalho L 2009. Statins inhibit *Toxoplasma gondii* multiplication in macrophages in vitro. *Int J Antimicrob Ag* 33: 185-186.

[doi>](#) Carvalho LO, Abreu-Silva AL, Hardoim DJ, Tedesco RC, Mendes VG, Gonçalves da Costa SC, Calabrese KS 2009. *Trypanosoma cruzi* and myoid cells from seminiferous tubules: interaction and relation with fibrous components of extracellular matrix in experimental Chagas' disease. *Int J Exp Pathol* 90: 52-57.

2010

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

[doi>](#) Jurberg J, Barbosa HS, Galvão C, Rocha DS, Silva MB 2010. Descrição de ovos e ninfas de *Triatoma klugi* (Hemiptera, Reduviidae, Triatominae). *Iheringia Ser Zool* 100: 43-54.

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

[doi>](#) Campos MC, Salomão K, Castro-Pinto CB, Leon LL, Barbosa HS, Maciel MA, de Castro SL 2010. Croton cajucara crude extract and isolated terpenes: activity on *Trypanosoma cruzi*. *Parasitol Res* 107: 1193-1204.

[doi>](#) Paiva MM, Soeiro MN, Barbosa HS, Meirelles MN, Delain E, Araujo-Jorge TC 2010. Glycosylation patterns of human alpha2-macroglobulin: analysis of lectin binding by electron microscopy. *Micron* 41: 666-673.

[doi>](#) Guerra CS, Macedo Silva RM, Carvalho LO, Calabrese KS, Bozza PT, Corte-Real S 2010.

Histopathological analysis of initial cellular response in TLR-2 deficient mice experimentally infected by *Leishmania (L.) amazonensis*. *Int J Exp Pathol* 91: 450-459.

Indexado (fator de impacto > 2 e < 4)

[doi>](#) Matos D C, Faccioli L A, Cysne-Finkelstein L, De Luca PM, Corte-Real S, Armoa GRG, Lemes E M, Decote-Ricardo D, Mendonça, SCF 2010. Kinetoplastid membrane protein-11 is present in promastigotes and amastigotes of *Leishmania amazonensis* and its surface expression increases during metacyclogenesis.. *Mem I Oswaldo Cruz (impresso)* 105: 341-347.

[doi>](#) Gulinello M, Acquarone M, Kim JH, Spray DC, Barbosa HS, Sellers R, Tanowitz HB, Weiss LM 2010. Acquired infection with *Toxoplasma gondii* in adult mice results in sensorimotor deficits but normal cognitive behavior despite widespread brain pathology. *Microbes Infect* 12: 528-537.

[doi>](#) Salomão K, de Souza EM, Henriques-Pons A, Barbosa HS, de Castro SL 2010. Brazilian green propolis: Effects in vitro and in vivo on *Trypanosoma cruzi*. *Evid-Based Compl Alt* ---: ---, ---, ---.

[doi>](#) Resende-Soares FA, Carvalho-Campos C, Marques MJ, Porcino GN, Giarola NL, Costa BL, Taunay-Rodrigues A, Faria-Pinto P, Souza MA, Diniz VÁ, Corte-Real S, Juliano MA, Juliano L, Vasconcelos EG 2010. Cytochemical localization of ATP diphosphohydrolase from *Leishmania (Viannia) braziliensis* promastigotes and identification of an antigenic and catalytically active isoform. *Parasitology* 137: 773-783.

[doi>](#) Fernandes C, Horn A Jr, Vieira-da-Motta O, de Assis VM, Rocha MR, Mathias LS, Bull ES, Bortoluzzi AJ, Guimarães EV, Almeida JC, Russell DH 2010. Synthesis, characterization and antibacterial activity of FeIII, CoII, CuII and ZnII complexes probed by transmission electron microscopy. *J Inorg Biochem* 104: 1214-1223.

[doi>](#) Simões SB, Barbosa HS, Santos CP 2010. The life cycle of *Ascocotyle (Phagicola) longa* (Digenea: Heterophyidae), a causative agent of fish-borne trematodosis. *Acta Trop* 113: 226-233.

Indexado (fator de impacto > 4)

[doi>](#) Salomão K, de Souza EM, Carvalho SA, da Silva EF, Fraga CA, Barbosa HS, de Castro SL 2010. In vitro and in vivo activities of 1,3,4-thiadiazole-2-arylhydrazones derivatives of megalol against *Trypanosoma cruzi*. *Antimicrob Agents Ch* 54: 2023-2031.

2011

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

[doi>](#) Pamplona-Basilio MC, Barbosa HS, Cohen SC 2011. Scanning electron microscopy on *Gotocotyla acanthura* (Monogenea, Gotocotylidae) from *Pomatomus saltatrix* (Osteichthyes, Pomatomidae) in Brazil. *Rev Bras Parasitol Vet* 20: 342-346.

Indexado (fator de impacto > 2 e 4)

[doi>](#) Côrtes LM, Silva RM, Pereira BA, Guerra C, Zapata AC, Bello FJ, Finkelstein LC, Madeira

MF, Brazil RP, Côte-Real S, Alves CR 2011. Lulo cell line derived from *Lutzomyia longipalpis* (Diptera: Psychodidae): a novel model to assay *Leishmania* spp. and vector interaction. *Parasite Vector* 4: - .

[doi>](#) Antunes SL, Medeiros MF, Corte-Real S, Jardim MR, Nery JA, Hacker MA, Valentim VC, Amadeu TP, Sarno EN 2011. Microfasciculation: a morphological pattern in leprosy nerve damage. *Histopathology* 58: 304-311.

[doi>](#) Hausen MA, Menna-Barreto RF, Lira DC, Carvalho L, Barbosa HS 2011. Synergic effect of metronidazole and pyrantel pamoate on *Giardia lamblia*. *Parasitol Int* 60: 54-58.

[doi>](#) Gomes AF, Guimarães EV, Carvalho L, Correa JR, Mendonça-Lima L, Barbosa HS 2011. *Toxoplasma gondii* down modulates cadherin expression in skeletal muscle cells inhibiting myogenesis. *BMC Microbiol* 11: - .

Indexado (fator de impacto > 4)

[doi>](#) Marques-da-Silva C, Chaves MM, Rodrigues JC, Corte-Real S, Coutinho-Silva R, Persechini PM 2011. Differential modulation of ATP-induced P2X7-associated permeabilities to cations and anions of macrophages by infection with *Leishmania amazonensis*. *Plos One* 6: - .

[doi>](#) Marques-da-Silva C, Chaves MM, Chaves SP, Figliuolo VR, Meyer-Fernandes JR, Corte-Real S, Lameu C, Ulrich H, Ojcius DM, Rossi-Bergmann B, Coutinho-Silva R 2011. Infection with *Leishmania amazonensis* upregulates purinergic receptor expression and induces host-cell susceptibility to UTP-mediated apoptosis. *Cell Microbiol* 13: 1410-1428.

2012

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

Antunes SL, Chimelli L, Jardim MR, Vital RT, Nery JA, Corte-Real S, Hacker MA, Sarno EN 2012. Histopathological examination of nerve samples from pure neural leprosy patients: obtaining maximum information to improve diagnostic efficiency. *Mem I Oswaldo Cruz* (impresso) 107: 246-253.

[doi>](#) Porcino GN, Carvalho-Campos C, Maia AC, Detoni ML, Faria-Pinto P, Coimbra ES, Marques MJ, Juliano MA, Juliano L, Diniz VÁ, Corte-Real S, Vasconcelos EG 2012. *Leishmania* (*Viannia*) *braziliensis* nucleoside triphosphate diphosphohydrolase (NTPDase 1): localization and in vitro inhibition of promastigotes growth by polyclonal antibodies. *Exp Parasitol* 132: 293-299.

[doi>](#) Arriaza B, Orellana NC, Barbosa HS, Menna-Barreto RF, Araújo A, Standen V 2012. Severe head lice infestation in an Andean mummy of Arica, Chile. *J Parasitol* 98: 433-436.

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

[doi>](#) Côrtes LM, Pereira MC, Oliveira Junior FO, Corte-Real S, da Silva FS, Pereira BA, Madeira MF, de Moraes MT, Brazil RP, Alves CR 2012. *Leishmania* (*Viannia*) *braziliensis*: insights on subcellular distribution and biochemical properties of heparin-binding proteins. *Parasitology* 139: 200-207.

2013

Indexado (fator de impacto < 1 ou sem FI)

SAMARA C. FERREIRA-MACHADO, CAMILA SALATA, NAZARETH N. ROCHA, ALEXANDRE F.S. CORRÊA, Corte-Real S, ANTÔNIO A.F. PEREGRINO, VERA M.A. DE CAMPOS, CHERLEY B.V. ANDRADE, Bernardo-Filho M, JANUÁRIO B. CABRAL-NETO, CARLOS E. DEALMEIDA 2013. Caspase-3 activation and increased procollagen type I in irradiated hearts. *An Acad Bras Cienc* 85: 215-222.

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

[doi>](#) Fabiano M. Vieira, Pereira LCM, Sueli de Souza Lima, Moraes Neto AHA, Guimarães, EV, José L. Luque 2013. A new metastrongyloidean species (Nematoda) parasitizing pulmonary arteries of Puma (*Herpailurus*) *yagouaroundi* (É. Geoffroy, 1803) (Carnivora: Felidae) from Brazil. *J Parasitol* 99(2): 327-331.

[doi>](#) Detoni, Michelle, Fessel, Melissa; , Maia, Ana; , Porcino, Gabriane, Quellis, Leonardo, Faria-Pinto, Priscila, Marques, Marcos, Juliano, Maria, Juliano, Luiz, Diniz VÁ, Corte-Real S, Gonçalves da Costa SC, Souza CSF, Vasconcelos, Eveline 2013. An antigenic domain of the *Leishmania amazonensis* nucleoside triphosphate diphosphohydrolase (NTPDase 1) is associated with disease progression in susceptible infected mice. *Parasitol Res* 112: 2773-2782.

[doi>](#) Igor A Rodrigues, Mariana M B Azevedo, Francisco C M Chaves, Humberto R Bizzo, Corte-Real S, Daniela S Alviano, Celuta S Alviano, Maria S S Rosa, Alane B Vermelho 2013. In vitro cytotoxic effects of the essential oil from croton cajucara (red sacaca) and its major constituent 7-hydroxicalamenene against *Leishmania chagasi*. *BMC Complement Altern M* 13: - .

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

[doi>](#) Syrjänen L, Vermelho AB, Rodrigues Ide A, Corte-Real S, Salonen T, Pan P, Vullo D, Parkkila S, Supuran CT 2013. Cloning, characterization, and inhibition studies of a β -carbonic anhydrase from *Leishmania donovani chagasi*, the protozoan parasite responsible for leishmaniasis. *J Med Chem* 56: 7372-7381.

2014

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

[doi>](#) Barros JH,, Fonseca TS, Roger Magno Macedo Silva, Corte-Real S, Toma HK, Madeira MD 2014. Aflagellar epimastigote forms are found in axenic culture of *Trypanosoma caninum*. *Acta Trop* 137C: 147-151.

[doi>](#) Roger Magno Macedo Silva, Santos CLP, Diniz VÁ, Jorge José de Carvalho, Guerra CB, Corte-Real S 2014. Peripheral blood fibrocytes: new information to explain the dynamics of *Leishmania* infection. *Mem I Oswaldo Cruz* (impresso) 109: 61-69.

[doi>](#) Morley-de-Muno R, Marcos A. Moura, Luciany C. de Carvalho, Sergio H. Seabra, Barbosa HS 2014. Spontaneous cystogenesis of *Toxoplasma gondii* in feline epithelial cells in vitro. *Folia Parasit* 61: 113-119.

[doi>](#) Cupello, M.P., Souza CF, Menna-Barreto RFS, Nogueira, N.P.A., Laranja, G.A.T. , Sabino, K.C.C. , Coelho, M.G.P. , Oliveira, M.M., Paes, M.C. 2014. Trypanosomatid essential metabolic

pathway: New approaches about heme fate in Trypanosoma cruzi. Biochem Bioph Res Co 499: 216-221.

[doi>](#) Aurelizia Maria Lemos Xavier, Maria de Fátima Sarro-Silva, Guimarães, EV, Daniel Tavares, Antonio Carlos Silva, Moraes Neto AHA 2014. Ultrastructural alterations in adult Schistosoma mansoni, harbored in non-antihelminthic treated and low-inflammatory mice by transmission electron microscopy (TEM). Acta Trop 130C: 51-57.

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

[doi>](#) Fulto TO, Andrade PR, de Mattos Barbosa MG, Pinto TG,, Ferreira PF, Ferreira H, da Costa Nery JA, Corte-Real S, Borges VM, Moraes MO, Sarno EN, Sampaio EP, Olmo-Pinheiro R 2014. Effect of Apoptotic Cell Recognition on Macrophage Polarization and Mycobacterial Persistence.. Infect Immun 82: 3968-3978.

[doi>](#) Alessandra F Gomes, MAGALHAES, K. G, RODRIGUES, R. M., CARVALHO, L., MOLINARO, R, Bozza PT, Barbosa HS 2014. Toxoplasma gondii-skeletal muscle cells interaction increases lipid droplet biogenesis and positively modulates the production of IL-12, IFN-g and PGE2. Parasite Vector 23:7: - .

2015

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Nasaré AM., Tedesco RC, Cristovam PC, Cenedese MA, Galisteo Jr AJ, Andrade Jr. HF, Gomes JAP, Guimarães, EV, Barbosa HS, Alonso LG 2015. TOXOPLASMA GONDII INFECTION OF CHICKEN EMBRYOS CAUSES RETINAL CHANGES AND MODULATES HSP90B1 GENE EXPRESSION: A PROMISING OCULAR TOXOPLASMOSIS MODEL. Eur J Microbiol Immunol 12(5): 316-320.

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

[doi>](#) Gomes AP, Olifiers N, Souza JG, Barbosa HS, D'Andrea PS, Maldonado Jr. A 2015. A new acanthocephalan species (Archiacanthocephala: Oligacanthorhynchidae) from the crab-eating fox (Cerdocyon thous) in the Brazilian pantanal wetlands. J Parasitol 101: 74-79.

[doi>](#) Eduardo Samo Gudo¹, Suse Dayse Silva-Barbosa³, Lacerda LL, Corte-Real S, Habib DCB, Savino W 2015. HAM/TSP-derived HTLV-1-infected T cell lines promote morphological and functional changes in human astrocytes cell lines: possible role in the enhanced T cells recruitment into Central Nervous System. Virol J 12: - .

[doi>](#) Ferreira CP, Ana Cristina Oliveira, Corte-Real S 2015. Transmission Electron Microscopy Analysis of Skin Lesions from Sporotrichosis Epidemic in Rio de Janeiro, Brazil. Am J Trop Med Hyg 92: 215-216.

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

[doi>](#) Pinheiro LP, Linden R, Meyer RM 2015. Activation and function of murine primary microglia in the absence of the prion protein. J Neuroimmunol 286: 25-32.

[doi>](#) Eloah C.N. Lyrio, Ivy C. Campos-Souza, Cezar Correa, Guilherme Lechuga, Maurício Verícimo, Helena C. Castro, Saulo C. Bourguignon, Corte-Real S, Norman Ratcliffe, Wim

Declercq, Dilvani O. Santos 2015. Interaction of Mycobacterium leprae with the HaCaT human keratinocyte cell line: New frontiers in the cellular immunology of leprosy. *Exp Dermatol* 24: 536-542.

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

[doi>](#) Rocha JD, Nascimento MT, Decote-Ricardo D, Corte-Real S, Morrot A, Heise N, Nunes MP, Previato JO, Mendonça-Previato L, Dos Reis GA, Saraiva EM, Freire-de-Lima CG 2015. Capsular polysaccharides from *Cryptococcus neoformans* modulate production of neutrophil extracellular traps (NETs) by human neutrophils. *Sci Rep-UK* 5: - .

[doi>](#) Loyze PAOLA OLIVEIRA DE LIMA, Carneiro-de-Oliveira H, Sergio H. Seabra, Barbosa HS 2015. Effect of 3-bromopyruvate and atovaquone on infection during in vitro interaction of *Toxoplasma gondii* and LLC-MK2 cells. *Antimicrob Agents Ch* 59: 5239-5249.

2016

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Pereira LCM, Gonçalves PA, Guimarães, EV, SantosJAA, Maldonado Jr. A, Moraes Neto AHA 2016. New morphological data of *Litomosoides chagasfilhoi* (Nematoda: Filarioidea) parasitizing *Nectomys squamipes* in Rio de Janeiro, Brazil. *Rev Bras Parasitol Vet* 25: 470-475.

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

[doi>](#) Costa-Neto SF, Mota EM, Oliveira RP, Vilela RDV, Eduardo José Lopes Torres , Barbosa HS, Gentile R, Maldonado Jr. A 2016. Lungworm *Heterostrongylus heterostrongylus* Travassos, 1925 from the black-eared opossum in South America: Morphologic, histopathological and phylogenetic aspects. *Vet Parasitol* 228: 144-152.

[doi>](#) Andrade-Silva M, Correa LB, Candéa ALP, Cavalher-Machado SC, Barbosa HS, Rosas EC, Henriques MG 2016. The cannabinoid 2 receptor agonist β -caryophyllene modulates the inflammatory reaction induced by *Mycobacterium bovis* BCG by inhibiting neutrophil migration. *Inflamm Res* 65(11): 869-879.

[doi>](#) Xenia M Souto, Barbosa HS, Menna-Barreto RFS 2016. The morphological analysis of autophagy in primary skeletal muscle cells infected with *Toxoplasma gondii*. *Parasitol Res* 115(7): 2853-2861.

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

[doi>](#) De Souza-Vieira T, Guimarães-Costa AB, Rochael NC, Lima MN, Nascimento MT, Lima-Gomes PS , Meyer RM, Persechini PM, Saraiva EM 2016. Neutrophil extracellular traps release induced by *Leishmania*: role of PI3K γ , ERK, PI3K α , PKC, and [Ca²⁺]. *J Leukocyte Biol* 100(4): 801-810.

[doi>](#) Medeiros RC, Vasconcelos KGDC, Cardoso FK, Mietto BS, Pinto TGT, Rodrigues LS, Gandini M, Amaral JJ, Corte-Real R, Rosa PS, Pessolani MCV, Nery JAC, Sarno EN, Sola-Penna M, Oliveira MF, Moraes MO, Lara FA 2016. Subversion of Schwann Cell Glucose Metabolism by *Mycobacterium leprae*. *J Biol Chem* 291(41): 21375-21387.

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

[doi>](#) Macedo-Ramos H, Ruiz-Mendoza S, Meyer RM, Guimarães EV, Quadros-de-Souza LC, Paiva MM, Ferreira EO, Pinto TC, Teixeira LM, Allodia S, Baetas-da-Cruz W 2016. Streptococcus pneumoniae resists intracellular killing by olfactory ensheathing cells but not by microglia. Sci Rep 6: - .

2017

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Marques VF, Motta CC, Soares BS, Melo DA, Coelho SMO, Coelho IS, Barbosa HS, Souza MMS 2017. Biofilm production and beta-lactamic resistance in Brazilian Staphylococcus aureus isolates from bovine mastitis. Braz J Microbiol 48: 118-124.

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

[doi>](#) Venturi SS, da Silva AF,, Teixeira EF, de Oliveira FC, Consalter A, Padilha FG, Fonseca AB, Ferreira AM 2017. Characterization of the zoonotic potential of Toxoplasma gondii in horses from Rio de Janeiro State. Acta Trop 171: 159-162.

[doi>](#) Garcia AR, Amara ACF, Azevedo MMB, Corte-Real S, Lopes RC, Alviano CS, Pinheiro AS, Vermelho AB, Rodrigues IA 2017. Cytotoxicity and anti-Leishmania amazonensis activity of Citrus sinensis leaf extracts. Pharm Biol 55(1): 1780-1786.

[doi>](#) Eufrásio-de-Figueiredo WM, Viana SM, Alves DT, Guerra PV, Coelho ZCB, Barbosa HS, Teixeira MJ 2017. Protection mediated by chemokine CXCL10 in BALB/c mice infected by Leishmania infantum. Mem I Oswaldo Cruz (impresso) 112(8): 561-568.

[doi>](#) Consalter A, Silva AF, Teixeira EF, Matos LF, de Oliveira FCR, Leite JS, Silva FBF, Ferreira AMR 2017. Toxoplasma gondii transmission by artificial insemination in sheep with experimentally contaminated frozen semen. Theriogenology 90: 169-174.

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

[doi>](#) Silva BJA, Barbosa MGM, Andrade PR, Ferreira H, Nery JAC, Corte-Real S, Silva GMS, Rosa PS, Fabri M, Sarno EN, Pinheiro RO 2017. Autophagy Is an Innate Mechanism Associated with Leprosy Polarization. Plos Pathog 13: - .

[doi>](#) Andrea Alice Silva, Silva RR, Gibaldi D, Meyer RM, Santos JB, Pereira IR, Moreira OC, Lannes-Vieira J 2017. Priming astrocytes with TNF enhances their susceptibility to Trypanosoma cruzi infection and creates a self sustaining inflammatory milieu. J Neuroinflamm 14(1): - .

2018

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

[doi>](#) Miglionico MTS, Lúcio André Viana, Barbosa HS, Mota EM, Costa-Neto SF, Teixeira EF, D'Andrea PS 2018. A new species of Eimeria Schneider, 1875 from the Serra dos Órgãos National Park, Rio de Janeiro, Brazil, with notes on its endogenous development in the

montane grass mouse, *Akodon montensis* Thomas, 1913 (Rodentia: Sigmodontinae). *Parasitol Res* 117(2): 371-376.

[doi>](#) Barbosa ADS, Barbosa HS, Souza SMO, Dib LV, Uchôa CMA, Amendoeira MRR 2018. *Balantioides coli*: morphological and ultrastructural characteristics of pig and non-human primate isolates. *Acta Parasitol* 63: 287-298.

[doi>](#) Monte TCC, Braga BV, Vasconcelos MC, Jurberg AD, Mota EM, Barbosa HS, Garcia JS, Maldonado Jr. A 2018. Morphological effects on helminth parasites caused by herbicide under experimental conditions. *Rev Bras Parasitol Vet* 27(1): 42-51.

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

[doi>](#) Gonçalves-de-Oliveira LF, Silva FSS, Cortes LMC, Finkelstein LC, Pereira MCS, Oliveira Junior FOR, Pinho RT, Corte-Real S, Bourguignon SC, Ferreira VF, Alves CR 2018. Antileishmanial Activity of 2-Methoxy-4H-spiro-[naphthalene 1,2'-oxiran]-4-one (Epoxy-methoxy-lawsonone): A Promising New Drug Candidate for Leishmaniasis Treatment. *Molecules* 23: - .

[doi>](#) Santos CC, Lionel JR, Peres RB, Batista MM, da Silva PB, Oliveira GM, Silva CF, Batista DGJ, Souza SMO, Andrade CH, Neves BJ, Braga RC, Patrick DA, Bakunova SM, Tidwell RR, Soeiro MNC 2018. In Vitro, In Silico, and In Vivo Analyses of Novel Aromatic Amidines against *Trypanosoma cruzi*. *Antimicrob Agents Ch* 62: e02205-17-e02205-17.

[doi>](#) Estato V, Stipursky J, Conceição FG, Mergener TC, Teixeira EF, Allodi S, Tibiriçá EV, Barbosa HS, Adesse D 2018. The neurotropic parasite *Toxoplasma gondii* induces sustained neuroinflammation with microvascular dysfunction in infected mice. *Am J Pathol* 188(11): 2674-2687.

[doi>](#) Coelho LL, Pereira IR, Pereira MCS, Batista-de-Mesquita L, Lannes-Vieira J, Adesse D, Garzoni LR 2018. *Trypanosoma cruzi* activates mouse cardiac fibroblasts in vitro leading to fibroblast-myofibroblast transition and increase in expression of extracellular matrix proteins. *Parasite Vector* 11: - .