

## **Laboratório de Vírus Respiratório e Sarampo**

### **2006**

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

Oliveira SA, Camacho LA, Pereira AC, Setúbal S, Nogueira RM, Siqueira MA 2006. Assessment of the performance of a definition of a suspected measles case: implications for measles surveillance. *Rev Panam Salud Publ* 19: 229-235.

Oliveira SA, Camacho LA, Pereira AC, Bulhões MM, Aguas AF, Siqueira MA 2006. Performance of rubella suspect cases definition: implications for surveillance. *Rev Saude Publ* 43: 450-456.

Santos BA, Stralioto SM, Siqueira MA, Ranieri TS, Bercini M, Schermann MT, Wagner MB, Silveira TR 2006. Prevalence of antibodies against measles, mumps, and rubella before and after vaccination of school-age children. *Rev Panam Salud Publ* 5: 299-306.

Sá GR, Camacho LA, Siqueira MA, Stavola MS, Ferreira DA 2006. Seroepidemiological profile of pregnant women after inadvertent rubella vaccination in the state of Rio de Janeiro.. *Rev Panam Salud Publ* 6: 371-378.

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

Fernando do Couto Motta, Rosado AS, Siqueira MA 2006. Comparison between denaturing gradient gel electrophoresis and phylogenetic analysis for characterization of A/H3N2 influenza samples detected during the 1999-2004 epidemics in Brazil. *J Virol Methods* 135: 76-82.

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

Campagna DS, Miagostovich MP, Siqueira MA, Cunha RV 2006. Etiology of exanthema in children in a dengue endemic area.. *J Pediatr-US* 5: 354-358.

Moura FE, Nunes IF, Silva GB, Siqueira MA 2006. Respiratory syncytial virus infections in northeastern Brazil: seasonal trends and general aspects. *Am J Trop Med Hyg* 74: 165-167.

Fernando do Couto Motta, Siqueira MA, Lugon AK, Straliotto SM, Fernandes SB, Krawczuk MM 2006. The reappearance of Victoria lineage influenza B virus in Brazil, antigenic and molecular analysis.. *J Clin Virol* 36: 208-214.

### **2007**

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

Siqueira MAMT, Suárez-Ognio L, Adrianzén A, Ortiz A, Martinez C, Whitttembury A, Cabezudo E de Oliveira L, Castillo-Solórzano C 2007. A rubella serosurvey in postpartum women in the three regions of Peru.. *Pan American Journal of Public Health* 22(2): 110-117.

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

Moura FE, Mesquita JR, Portes SAR, Ramos EA, Siqueira MAMT 2007. Antigenic and genomic characterization of adenovirus associated to respiratory infections in children living in Northeast Brazil.. Mem I Oswaldo Cruz (impresso) 102: 937-941.

Siqueira MAMT, White LJ, Mandl JN, Gomes MG, Bodley-Tickell AT, Cane PA, Perez-Brena P, Aguilar JC, Portes SA, Straliootto SM, Waris M, Nokes DJ, Medley GF 2007. Understanding the transmission dynamics of respiratory syncytial virus using multiple time series and nested models.. Math Biosci 209 (1): 222-239.

## 2008

### Indexado ( > 0,65 a 2,0)

[doi>](#) Oliveira TF, Freitas GR, Ribeiro LZ, Yokosawa J, Siqueira MM, Portes SAR, Silveira HL, Calegari T, Costa LF, Mantese OC, Queiróz DA 2008. Prevalence and clinical aspects of respiratory syncytial virus A and B groups in children seen at Hospital de Clínicas of Uberlândia, MG, Brazil. Mem I Oswaldo Cruz (impresso) 103: 417-422.

[doi>](#) Vianna RA, Siqueira MM, Camacho LA, Setúbal S, Knowles W, Brown DW, de Oliveira SA 2008. The accuracy of anti-human herpesvirus 6 IgM detection in children with recent primary infection. J Virol Methods 153: 273-275.

[doi>](#) Vidal LR, Siqueira MAM, Nogueira MB, Raboni SM, Pereira LA, Takahashi GR, Rotta I, Debur MC, Dalla-costa L 2008. The epidemiology and antigenic characterization of influenza viruses isolated in Curitiba, South Brazil. Mem I Oswaldo Cruz (impresso) 103: 180-185.

Vidal, Siqueira MAMT, Nogueira, Raboni, Pereira, Takahashi, Rota, Debur, Dalla-costa 2008. The epidemiology and characterization of adenovirus associated to respiratory infections in children living in Northeast Brazil. Mem I Oswaldo Cruz (impresso) 103: 180-185.

### Indexado (>4,0)

Lackenby A., Democratis J, Siqueira MM, Zambom MC 2008. Rapid quantitation of neuraminidase inhibitor drug resistance in influenza virus quasispecies. Antivir Ther 13: 809-820.

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

Vianna , Vianna RA, de Oliveira SA, Oliveira, Camacho, Camacho LB, Knowles, Knowles W, Brown, Brown D, Pereira, Pereira AC, Velard, Velarde L, Siqueira MAMT, Siqueira MAMT 2008. Role of human herpesvirus 6 infection in young Brazilian children with rash illnesses. Pediatr Infect Dis J 27: 533-537.

Souza TML, Cirne-Santos CC, Rodriguez DQ, Abreu CM, Tanuri A, Ferreira VF, Marques IP, Souza MCB, Fontes CFL, Frugulhetti I, Habib DCB 2008. The compound 6-chloro-1,4-dihydro-4-oxo-1-(beta-D-ribofuranosyl) quinoline-3-carboxylic acid inhibits HIV-1 replication by targeting the enzyme reverse transcriptase. Curr HIV Res 6: 209-217.

[doi>](#) Cirne-Santos CC, Souza TML, Teixeira VL, Fontes CFL, Rebello MA, Castello-Branco LRR, Abreu CM, Tanuri A, Frugulhetti I, Bou-Habib DC 2008. The dolabellane diterpene Dolabelladienetriol is a typical noncompetitive inhibitor of HIV-1 reverse transcriptase enzyme. *Antivir Res* 77: 64-71.

## 2009

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

[doi>](#) Coelho HC, de Oliveira SA, Miguel JC, Oliveira ML, Figueiredo JF, Perdoná GC, Passos AD 2009. Soroprevalência da infecção pelo vírus da hepatite B em uma prisão brasileira. *Rev Bras Epidemiol* 12: 124-131.

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

[doi>](#) de Oliveira SA, Camacho LA, Bruno LF, de Gusmão RC, Pereira AC, Coca-Velarde LG, Siqueira MM 2009. Acute arthropathy in patients with rash diseases: a comparative study. *Clin Rheumatol* 28: 1067-1071.

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

Souza TM, Rodriguez DQ, Ferreira VF, Marques IP, da Costa Santos F, Cunha AC, de Souza MC, de Palmer Paixão Frugulhetti IC, Bou-Habib DC, Fontes CF 2009. Characterization of HIV-1 enzyme reverse transcriptase inhibition by the compound 6-chloro-1,4-dihydro-4-oxo-1-(beta-D-ribofuranosyl) quinoline-3-carboxylic acid through kinetic and in silico studies. *Curr HIV Res* 7: 327-335.

[doi>](#) Oliveira ML, Bastos FI, Telles PR, Hacker MA, Oliveira SA, Miguel JC, Yoshida CF 2009. Epidemiological and genetic analyses of hepatitis C virus transmission among young/short- and long-term injecting drug users from Rio de Janeiro, Brazil. *J Clin Virol* 44: 200-206.

Moura FE, Perdigão AC, Siqueira MM 2009. Seasonality of influenza in the tropics: a distinct pattern in northeastern Brazil. *Am J Trop Med Hyg* 81: 180-183.

[doi>](#) Oliveira ML, Yoshida CF, Telles PR, Hacker MA, Oliveira SA, Miguel JC, do Ó KM, Bastos FI 2009. Trends in HCV prevalence, risk factors and distribution of viral genotypes in injecting drug users: findings from two cross-sectional studies. *Epidemiol Infect* 137: 970-979.

### Indexado (fator de impacto > 4)

[doi>](#) Paes MV, Lenzi H, Nogueira AC, Nuovo GJ, Pinhao AT, Mota EM, Basilio-de-Oliveira CA, Schatzmayr HG, Barth OM, Alves AM 2009. Hepatic damage associated with dengue-2 virus replication in liver cells of BALB/c mice. *Lab Invest* 89: 1140-1151.

## 2010

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

[doi>](#) Potsch DV, Oliveira ML, Ginuino C, Miguel JC, Oliveira SA, Silva EF, Moreira RB, Cruz GV,

Oliveira AL, Camacho LA, Barroso PF 2010. High rates of serological response to a modified hepatitis B vaccination schedule in HIV-infected adults subjects. *Vaccine* 28: 1447-1450.

[doi>](#) Abrantes JL, Barbosa J, Cavalcanti D, Pereira RC, Fontes CL, Teixeira VL, Moreno Souza TL, Paixao IC 2010. The effects of the diterpenes isolated from the Brazilian brown algae *Dictyota pfaffii* and *Dictyota menstrualis* against the herpes simplex type-1 replicative cycle. *Planta Med* 76: 339-344.

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

[doi>](#) Souza TM, Salluh JI, Bozza FA, Mesquita M, Soares M, Motta FC, Pitrowsky MT, Oliveira ML, Mishin VP, Gubareva LV, Whitney A, Rocco SA, Gonçalves VM, Marques VP, Velasco E, Siqueira MM 2010. H1N1pdm influenza infection in hospitalized cancer patients: clinical evolution and viral analysis. *Plos One* 5: - .

#### **2011**

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

[doi>](#) Menegolla IA, Bercini MA, Schermann MT, Nunes ZM, Segatto TC, Siqueira MM, Flannery B 2011. Outbreak of rubella after mass vaccination of children and young adults: challenges for rubella elimination strategies. *Rev Panam Salud Publ* 29: 243-251.

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

[doi>](#) Souza TM, Mesquita M, Resende P, Machado V, Gregianini TS, Fernandes SB, Oliveira IC, Rosa MD, Marinelli R, de Azeredo-Lima CH, Motta FC, Aguiar-Oliveira MD, Siqueira MM 2011. Antiviral resistance surveillance for influenza A virus in Brazil: investigation on 2009 pandemic influenza A(H1N1) resistance to oseltamivir. *Diagn Micr Infec Dis* 71: 98-99.

[doi>](#) Mendonça MC, FerreiraAM, Santos MG, Oviedo EC, Bello MS, Siqueira MM, Maceira JM, von Hubinger MG, Couceiro JN 2011. Genotyping of human parvovirus B19 in clinical samples from Brazil and Paraguay using heteroduplex mobility assay, single stranded conformation polymorphism and nucleotide sequencing. *Mem I Oswaldo Cruz (impresso)* 106: 502-504.

[doi>](#) Nascimento Silva JR, Camacho LA, Siqueira MM, Freire MS, Castro YP, Maia ML, Yamamura AM, Martins RM, Leal MD, Collaborative Group for the Study of Yellow Fever 2011. Mutual interference on the immune response to yellow fever vaccine and a combined vaccine against neasles, mumps and rubella. *Vaccine* 29: 6327-6334.

[doi>](#) Jordão AK, Ferreira VF, Souza TM, Faria GG, Machado V, Abrantes JL, de Souza MC, Cunha AC 2011. Synthesis and anti-HSV-1 activity of new 1,2,3-triazole derivatives. *Bioorgan Med Chem* 19: 1860-1865.

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

[doi>](#) Soares RC, Siqueira MM, Toscano CM, Maia ML, Flannery B, Sato HK, Will RM, Rodrigues

RC, Oliveira IC, Barbosa TC, Sá GR, Rego MF, Curti SP, Lemos XR, Morhdieck R, Stürmer D, Oliveira MJ, Barbosa da Silva Junior J, Castillo-Solorzano C, Camacho LA, Luna E 2011. Follow-up of unknowingly pregnant women vaccinated against rubella in Brazil, 2001-2002. *J Infect Dis* 204 Suppl 2: S729-S736.

[doi>](#) Rota PA, Brown K, Mankertz A, Santibanez S, Shulga S, Muller CP, Hübschen JM, Siqueira M, Beirnes J, Ahmed H, Triki H, Al-Busaidy S, Dosseh A, Byabamazima C, Smit S, Akoua-Koffi C, Bwogi J, Bukenya H, Wairagkar N, Ramamaury N, Incomserb P, Pattamadilok S, Jee Y, Lim W, Xu W, Komase K, Takeda M, Tran T, Castillo-Solorzano C, Chenoweth P, Brown D, Mulders MN, Bellini WJ, Featherstone D 2011. Global distribution of measles genotypes and measles molecular epidemiology. *J Infect Dis* 204 Suppl 1: S514-S523.

[doi>](#) da Silva e Sá GR, Camacho LA, Stavola MS, Lemos XR, Basilio de Oliveira CA, Siqueira MM 2011. Pregnancy outcomes following rubella vaccination: a prospective study in the state of Rio de Janeiro, Brazil, 2001-2002. *J Infect Dis* 204 Suppl 2: S722-S728.

[doi>](#) Artimos de Oliveira S, Bastos Camacho LA, Uzeda Barreto MC, Coca Velarde LG, Siqueira MM 2011. Serologic status of women in an urban population in Brazil before and after rubella immunization campaign using routine screening data. *J Infect Dis* 204 Suppl 2: S664-S668.

[doi>](#) Abernathy ES, Hübschen JM, Muller CP, Jin L, Brown D, Komase K, Mori Y, Xu W, Zhu Z, Siqueira MM, Shulga S, Tikhonova N, Pattamadilok S, Incomserb P, Smit SB, Akoua-Koffi C, Bwogi J, Lim WW, Woo GK, Tiki H, Jee Y, Mulders MN, de Fillipis AM, Ahmed H, Ramamurty N, Featherstone D, Icenogle JP 2011. Status of global virologic surveillance for rubella viruses. *J Infect Dis* 204 Suppl 1: S524-S532.

[doi>](#) Souza TM, Rodriguez DQ, Passaes CP, Barreto-de-Souza V, Aguiar RS, Temerozo JR, Morgado MG, Fontes CF, Araujo EG, Bou-Habib DC 2011. The nerve growth factor reduces APOBEC3G synthesis and enhances HIV-1 transcription and replication in human primary macrophages. *Blood* 117: 2944-2952.

[doi>](#) Icenogle JP, Siqueira MM, Abernathy ES, Lemos XR, Fasce RA, Torres G, Reef SE 2011. Virologic surveillance for wild type rubella viruses in the Americas. *J Infect Dis* 204 suppl 2: S647-S651.

## 2012

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

[doi>](#) Bernardino AM, Azevedo AR, Pinheiro LC, Borges JC, Paixão IC, Mesquita M, Souza TM, dos Santos MS 2012. Synthesis and anti-HSV-1 evaluation of new 3H-benzo[b]pyrazolo[3,4-h]-1,6-naphthyridines and 3H-pyrido[2,3-b]pyrazolo[3,4-h]-1,6-naphthyridines. *Org Med Chem Lett* 2: - .

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

[doi>](#) Azevedo KM, Setúbal SS, Camacho LA, Garcia RC, Siqueira MM, Pereira RF, de Oliveira SA 2012. Parvovirus B19 seroconversion in a cohort of human immunodeficiency virus-infected

patients. Mem I Oswaldo Cruz (impresso) 107: 356-361.

[doi>](#) de-Oliveira-Pinto LM, Gandini M, Freitas LP, Siqueira MM, Marinho CF, Setúbal S, Kubelka CF, Cruz OG, Oliveira SA 2012. Profile of circulating levels of IL-1Ra, CXCL10/IP-10, CCL4/MIP-1 $\beta$  and CCL2/MCP-1 in dengue fever and parvovirus. Mem I Oswaldo Cruz (impresso) 107: 48-56.

[doi>](#) Oliveira MI, Figueiredo CA, Afonso AM, Santos FC, Lemos XR, Yu AL, Curti SP 2012. Resurgence of measles virus in São Paulo, Brazil. Rev Inst Med Trop SP 54: 113-114.

[doi>](#) Resende PC, Siqueira MM, Born PS, Motta FC 2012. Standardization of denaturing gradient gel electrophoresis (DGGE) for discrimination of Victoria and Yamagata lineages of influenza B. J Virol Methods 179: 212-216.

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

[doi>](#) Santini-Oliveira M, Camacho LA, Souza TM, Luz PM, Vasconcellos MT, Giacoia-Gripp CB, Morgado MG, Nunes EP, Lemos AS, Ferreira AC, Moreira RI, Veloso VG, Siqueira MM, Grinsztejn B 2012. H1N1pdm09 adjuvanted vaccination in HIV-infected adults: A randomized trial of two single versus two double doses. Plos One 7: - .

[doi>](#) WHO Writing Group, Ampofo WK, Baylor N, Cobey S, Cox NJ, Daves S, Edwards S, Ferguson N, Grohmann G, Hay A, Katz J, Kullabutr K, Lambert L, Levandowski R, Mishra AC, Monto A, Siqueira MM, Tashiro M, Wadell AL, Waragkar N, Wood J, Zambon M, Zhang W 2012. Improving influenza vaccine virus selection: Report of a WHO informal consultation held at WHO headquarters, Geneva, Switzerland, 14-16 June 2010. Influenza Other Resp 6: 142-152.

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

[doi>](#) Abrantes JL, Alves CM, Costa J, Almeida FC, Sola-Penna M, Fontes CF, Souza TM 2012. Herpes simplex type 1 activates glycolysis through engagement of the enzyme 6-phosphofructo-1-kinase (PFK-1). Biochim Biophys Acta 1822: 1198-1206.

[doi>](#) Marques Rosa F, Cardoso de Melo F, Regina Simczak D, Gadelha de Abreu R, Domingues CM, Siqueira MM, Flannery B 2012. Reply to Castillo-Solorzano et al. J Infect Dis 206: 302-303.

### **2013**

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

[doi>](#) Oliveira, MI, Figueiredo, CA, Afonso, AMS, Siqueira MAMT, Lemos XRMR, Yu, ALF, Curti, SP 2013. Molecular Epidemiologic of a Measle Virus in Sao Paulo, Brazil: An Imported Case. Rev Inst Med Trop SP 55: 292-292.

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

[doi>](#) Moura, FE, Perdigão, AC, Ribeiro, JF, Florêncio, CM, Oliveira, FM, Pereira, SA, Botosso, VF, Siqueira MAMT, Thomazelli, LM, Caldeira, RN, Oliveira, DB, Durigon, EL 2013. Respiratory

syncytial virus epidemic periods in a equatorial city of Brazil. *Influenza Other Resp* 7: 1128-1135.

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

[doi>](#) Souza TML, Silva PCR, Rodrigues NF, Tatiana Schaffer Gregianini, Nilo Ikuta, Sandra Bianchini Fernandes, Ana Luisa Furtado Cury, Maria do Carmo Debur Rosa, Siqueira MAMT 2013. Detection of Oseltamivir-Resistant Pandemic Influenza A(H1N1)pdm2009 in Brazil: Can Community Transmission Be Ruled Out?. *Plos One* 8: - .

#### **Qualis B1**

[doi>](#) Maria De lourdes Ferreira, Luiz C. S. Pinheiro, Osvaldo A. Santos-Filho, Marta D. S. Peçanha, Cruz CQ, Andrade V, Vitor F. Ferreira, Souza TML, Nubia Boechat 2013. Design, synthesis, and antiviral activity of new 1H-1,2,3-triazole nucleoside ribavirin analogs. *Med Chem* 22: 1-11.

#### **2014**

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

[doi>](#) Muthuri SG, Venkatesan S, Myles PR, Siqueira MAMT, Zarogoulidis P, PRIDE Consortium Investigators, Nguyen-VanTam JS 2014. Effectiveness of neuraminidase inhibitors in reducing mortality in patients admitted to hospital with influenza A H1N1pdm09 virus infection: a meta-analysis of individual participant data.. *Lancet Resp Med* 2: - .

[doi>](#) Maria Isabel de Oliveira, Ana Maria Sardinha Afonso, Cristina Figueiredo Adelaide, Lemos XRMR, Almeida JMB, Ana Lucia Frugis Yu, Suely Pires Curti 2014. Genetic diversity of measles virus - resurgence of new genotype D8 in Sao Paulo, Brazil. *Rev Inst Med Trop SP* 56(4): 366-366.

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

[doi>](#) Dunning, J. W., Merson, L., Rohde, G. G., Gao, Z., Semple, M. G., Tran, D., Gordin, A., Olliaro, P. L., Khoo, S. H., Bruzzone, R., Horby, P., Cobb, J. P., Longuere, K. S., Kellam, P., Nichol, A., Brett, S., Everett, D., Walsh, T. S., Hien, T. T., Yu, H., Zambon, M., Ruiz-Palacios, G., Lang, T., Akhvediani, T., ISARIC Working Group 3, Siqueira M. M. 2014. Open source clinical science for emerging infections.. *Lancet Infect Dis* 14: 8-9.

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

[doi>](#) Pereira RF, Garcia R de C, de Azevedo KM, Setubal S, Siqueira MAMT, de Oliveira SA 2014. Clinical features and laboratory findings of human parvovirus B19 in human immunodeficiency virus-infected patients.. *Mem I Oswaldo Cruz* (impresso) 109: 168-173.

[doi>](#) Ronaldo Bragança Martins Júnior, Carney SM, Daniel Goldemberg, Lucas Bonine, Liliana Cruz Spano, Siqueira MAMT, Rita Elizabeth Checon 2014. Detection of respiratory viruses by real-time polymerase chain reaction in outpatients with acute respiratory infection. *Mem I*

Oswaldo Cruz (impresso) 109: 716-721.

[doi>](#) Silva RdeC, Siqueira MAMT, Netto EM, Bastos JS, Nascimento-Carvalho CM, Vilas-Boas AL, Bouzas ML, Fernando do Couto Motta, Brites C 2014. Epidemiological aspects of influenza A related to climatic conditions during and after a pandemic period in the city of Salvador, Northeastern Brazil. Mem I Oswaldo Cruz (impresso) 109: 229-235.

[doi>](#) Santos EM, Sá GR, Siqueira MAMT, Martins RD, Camacho LA, von Doellinger VD, Maia MD 2014. Immune response to the mumps component of the MMR vaccine in the routine of immunisation services in the Brazilian National Immunisation Program.. Mem I Oswaldo Cruz (impresso) 109(3): 335-339.

[doi>](#) Oliveira, M. J., Motta, F. do C., Siqueira M. M., Silva, P. C. R., Born, P. da S., Souza, T. M. L., Mesquita, M. M., Oliveira, M. L. A., Carney, S., Mello, W. A., Magalhães, V. 2014. Molecular findings from influenza A(H1N1)pdm09 detected in patients from a Brazilian equatorial region during the pandemic period. Mem I Oswaldo Cruz (impresso) 109: 912-917.

[doi>](#) Picot V, Benet T, Messaoudi M, Chou M, Eap T, Wang J, Shen K, Pape J, Badvdelar A, Robinson A, Contamin B, Hoffman J, Sylla M, Diallo S, Russomando G, Basualdo W, Barreto P, Siqueira MM, Costa PFBM, Pradel F, Vernet G, Endtz H, Vanhens P, Paranhos-Baccala G 2014. Multicenter case-control study protocol of pneumonia etiology in children: Global Approach to Biological Research, Infectious Diseases and Epidemics in Low income countries. BMC Infect Dis 14: - .

[doi>](#) Souza TML, Temeroso JR, Elizabeth G. Araujo, Habib DCB 2014. The effects of neurotrophins and the neuropeptides VIP and PACAP on HIV-1 infection: histories with opposite ends. Neuroimmunomodulat 21: 268-282.

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

[doi>](#) Possidonio, A.C., Mesquita MM, Fabiano L Thompson, Gustavo B Gregoracci, Manoel L Costa, Claudia Mermelstein 2014. Cholesterol depletion induces transcriptional changes during skeletal muscle differentiation. BMC Genomics 15: - .

[doi>](#) Mesquita, M.M., Paola Resende, Andressa Marttorelli, Viviane Machado, Carolina Q. Sacramento, Natalia Fintelman-Rodrigues, Juliana L. Abrante, Rita Tavares, Marcelo Schirmer, Siqueira MAMT, Souza TML 2014. Detection of the influenza A(H1N1)pdm09 virus carrying the K-15E, P83S and Q293H mutations in patients who have undergone bone marrow transplant.. Plos One 9: - .

[doi>](#) Meijer A, Rebelo de andrade H, Correia V, Besselaar T, Drager-Dayal R, Fry A, gregory V, Gubareva L, Kageyama T, Lackenby A, Lo J, Odagiri T, Pereyaslov D, Siqueira MM, Takashita E, Tashiro M, Wang D, Wong S, Zhang W, Daniels RS, Hurt AC 2014. Global update on the susceptibilytn of human influenza viruses to neuraminidase inhibitors,2012-2013. Antivir Res 110: 31-41.

[doi>](#) Mesquita, M.M., Rodrigues NF, Cruz CQ, Juliana Abrantes, Eduardo Costa, Temeroso JR,



Siqueira MAMT, Habib DCB, Souza TML 2014. HIV-1 and its gp120 inhibits the Influenza A(H1N1)pdm09 life cycle in an IFITM3-dependent fashion. Plos One 9: - .

[doi>](#) Silva PCR, Fernando do Couto Motta, Oliveira MLA, Gragianini TS, Fetrnandes SB, Cury AL, do Carmo de Rosa M, Siqueira MAMT 2014. Polymorphisms at residue 222 of the hemagglutinin of pandemic influenza A(H1N1)pdm09: association of quasi-species to morbidity and mortality in different risk categories.. Plos One 9: - .

## 2015

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

[doi>](#) Carney S, Brown D, Siqueira MAMT, Dias JP, da Silva EE 2015. Enterovirus D68 detected in children with severe acute respiratory illness in Brazil. Emerg Microbes Infect 4: - .

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

[doi>](#) Boechat FCS, Cruz CQ, Cunha AC, Sagrillo FS, Nogueira CM, Rodrigues NF, Santos Filho OA, Riscado CS, Forezi LSM, Faro LV, Brozeguini L, Marques IP, Ferreira VF, Souza TML, Souza MCBV 2015. 1,2,3-Triazolyl-4-oxoquinolines: A feasible beginning for promising chemical structures to inhibit oseltamivir-resistant influenza A and B viruses. Bioorg Med Chem Lett 23: 7777-7784.

[doi>](#) de Menezes Martins R, Curran B, Maia M de L, Ribeiro Md, Camacho LA, da Silva Freire M, Yamamura AM, Siqueira MAMT, Lemos MC, de Albuquerque EM, Von Doellinger Vdos R, Homma A, Saganic L, Jarrahian C, Royals M, Zehrung D 2015. Immunogenicity and safety of measles-mumps-rubella vaccine delivered by disposable-syringe jet injector in healthy Brazilian infants: a randomized non-inferiority study.. Contemp Clin Trials 41: 1-8.

[doi>](#) Siqueira MAMT, Fernando do Couto Motta, de Mattos Silva Oliveira TF, Yokosawa J, da Silveira HL, Queiróz DA 2015. Molecular characterization of influenza viruses collected from young children in Uberlândia, Brazil - from 2001 to 2010.. BMC Infect Dis 15: - .

[doi>](#) Souza TML, Rodrigues NF, Silva PCR, Mesquita, M.M., Gregianini TS, Bozza FA, Pecego AC, Fernandes SB, Cury AL, Riedige IN, Siqueira MAMT 2015. Oseltamivir-resistant influenza A(H1N1)pdm2009 strains found in Brazil are endowed with permissive mutations, which compensate the loss of fitness imposed by antiviral resistance. Mem I Oswaldo Cruz (impresso) 110: 101-105.

[doi>](#) Perdigão AC, de Carvalho Araujo FM, de Melo ME, de Lemos DQ, Cavalcanti LP, Ramalho IL, Araujo LC, Deborah M Sousa, Siqueira MM, Guedes MI 2015. Post pandemic influenza A (H1N1) 2009 vírus infection in pregnant women in Ceara, Brazil. Influenza Other Resp 9(6): 293-297.

[doi>](#) Siqueira MAMT, Silva PCR, Fernando do Couto Motta, Born PS, Mesquita, M.M. 2015. Whole-genome sequences of influenza A(H3N2) viruses isolated from Brazilian patients with mild illness during the 2014 season.. Mem I Oswaldo Cruz (impresso) 110: 148-150.

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

[doi>](#) Cruz CQ, Marttorelli A, Rodrigues NF, Freitas CS, Rodrigues-de-Melo G, Rocha MEN, Kaiser CR, Rodrigues KF, Costa GL, Alves CM, Santos Filho OA, Barbosa JP, Souza TML 2015. Aureonitol, a Fungi-Derived Tetrahydrofuran, Inhibits Influenza Replication by Targeting Its Surface Glycoprotein Hemagglutinin. *Plos One* 10: - .

[doi>](#) Takashita E, Meijer A, Lackenby A, Rebelo-de-Andrade H, Besselaar T, Fry A, Gregory V, Leang SK, Huang W, Lo J, Pereyaslov D, Wang D, Siqueira MAMT, Mak GC, Zhang W, Daniels RS, Hurt AC, Tashiro M 2015. Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2013–2014. *Antivir Res* 117: 27-38.

[doi>](#) Gustavo Gregoracci, Ana Carolina dos Santos Soares, Mesquita, M.M., Ricardo Coutinho, Fabiano Thompson 2015. Insights into the microbial and viral dynamics of a coastal downwelling-upwelling transition.. *Plos One* 10(9): - .

[doi>](#) Barroso SPC, Nico D, Nascimento D, Santos ACV, Couceiro JNSS, Bozza FA, Ferreira AMA, Ferreira DF, Palatnik-de-Sousa CB, Souza TML, Gomes AMO, Silva JL, Oliveira AC 2015. Intranasal Immunization with Pressure Inactivated Avian Influenza Elicits Cellular and Humoral Responses in Mice. *Plos One* 10: - .

[doi>](#) Silva PCR, Fernando do Couto Motta, Born PS, Machado DBB, Caetano BC, Brown DWG, Siqueira MM 2015. Phylogenetics analyses of influenza A (H1N1)pdm09 hemagglutinin gene during and after the pandemic event in Brazil. *Infect Genet Evol* 36: 147-155.

[doi>](#) Ampofo WK, Azziz-Baumgartner E, Bashir U, Cox NJ, Fasce R, Giovanni M, Grohmann G, Huang S, Katz J, Mironenko A, Mokhtari-Azad T, Sasona PM, Rahman M, Sawanpanyalert P, Siqueira M, Wadell AL, Waiboci L, Wood J, Zhang W, Ziegler T 2015. Strengthening the influenza vaccine virus selection and development process: Report of the 3rd WHO Informal Consultation for Improving Influenza Vaccine Virus Selection held at WHO headquarters, Geneva, Switzerland, 1-3 April 2014. *Vaccine* 33(36): 4368-4382.

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

[doi>](#) Vago JP, Tavares LP, Garcia CC, Lima KM, Perucci LO, Vieira EL, Nogueira CRC, Soriani FM, Martins JO, Silva PMR, Gomes KB, Pinho V, Bruscoli S, Riccardi C, Beaulieu E, Morand EF, Teixeira MM, Sousa LP 2015. The role and effects of glucocorticoid-induced leucine zipper in the context of inflammation resolution. *J Immunol* 194: 4940-4950.

### **2016**

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

[doi>](#) Solomon T, Baylis M, Brown DWG 2016. Zika virus and neurological disease-approaches to the unknown. *Lancet Infect Dis* 16: 402-404.

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

[doi>](#) Vieira AT, Rocha VM, Tavares L, Garcia CC, Teixeira MM, Oliveira SC, Cassali GD, Gamba G, Martins FS, Nicoli JR 2016. Control of *Klebsiella pneumoniae* pulmonary infection and immunomodulation by oral treatment with the commensal probiotic *Bifidobacterium longum* 5(1A). *Microbes Infect* 18: 180-189.

[doi>](#) Souza ÉL, Elian SD, Paula LM, Garcia CC, Vieira AT, Teixeira MM, Arantes RM, Nicoli JR, Martins FS 2016. *Escherichia coli* strain Nissle 1917 ameliorates experimental colitis by modulating intestinal permeability, the inflammatory response and clinical signs in a faecal transplantation model. *J Med Microbiol* 65: 201-210.

[doi>](#) Muthuri S, Siqueira MAMT, Oliveira MLA, and other collaborators 2016. Impact of neuraminidase inhibitors on influenza A(H1N1) pdm09-related pneumonia: an individual participant data meta-analysis. *Influenza Other Respirovir* 10(3): 192-204.

[doi>](#) Puig Barbera J, Burtseva E, Yu H, Cowling BJ, Badur S, Kyncl J, Sominina A, Siqueira MM, GHSN WG 2016. Influenza epidemiology and influenza vaccine effectiveness during the 2014-2015 season: annual report from the Global Influenza Hospital surveillance network. *BMC Public Health* 16: - .

[doi>](#) Born PS, Siqueira MAMT, Nuno R Faria, Silva PCR, Fernando do Couto Motta, Bello G 2016. Phylodynamics of influenza A(H3N2) in South America, 1999-2012. *Infect Genet Evol* 46: 312-320.

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

[doi>](#) Michael BD, Griffiths MJ, Granerod J, Brown DWG, Davies NWS, Borrow R, Solomon T 2016. Characteristic Cytokine and Chemokine Profiles in Encephalitis of Infectious, Immune-Mediated, and Unknown Aetiology. *Plos One* 11: - .

[doi>](#) Tavares LP, Garcia CC, Vago JP, Queiroz-Junior CM, Galvão I, David BA, Rachid MA, Silva PM, Russo RC, Teixeira MM, Sousa LP 2016. Inhibition of Phosphodiesterase-4 during Pneumococcal Pneumonia Reduces Inflammation and Lung Injury in Mice. *Am J Resp Cell Mol* 55(1): 24-34.

[doi>](#) Vynnycky E, Adams EJ, Cutts FT, Reef SE, Navar AM, Simons E, Yoshida LM, Brown DWG, Jackson C, Strebel PM, Dabaghi AJ 2016. Using Seroprevalence and Immunisation Coverage Data to Estimate the Global Burden of Congenital Rubella Syndrome, 1996-2010: A Systematic Review. *Plos One* 11: - .

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

[doi>](#) Hurt AC, Besselaar TG, Daniels RS, Ermetal B, Fry A, Gubareva L, Huang W, Lackenby A, Lee RT, Lo J, Maurer-Stroh S, Nguyen HT, Pereyaslov D, Rebelo-de-Andrade H, Siqueira MAMT, Takashita E, Tashiro M, Tilmanis D, Wang D, Zhang W, Meijer A 2016. Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2014-2015. *Antivir Res* 132: 178-185.

[doi>](#) Michael BD, Griffiths MJ, Granerod J, Brown DWG, Keir G, Wnęk G, Cox DJ, Vidyasagar R, Borrow R, Parkes LM, Solomon T 2016. The Interleukin-1 Balance During Encephalitis Is Associated With Clinical Severity, Blood-Brain Barrier Permeability, Neuroimaging Changes, and Disease Outcome. *J Infect Dis* 213: 1651-1660.

## 2017

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

[doi>](#) Sugimoto MA, Ribeiro AL, Costa BR, Vago JP, Lima KM, Carneiro FS, Ortiz MM, Lima GL, Carmo AA, Rocha RM, Perez DA, Reis AC, Pinho V, Miles LA, Garcia CC, Teixeira MM, Sousa LP 2017. Plasmin and Plasminogen induce macrophage reprogramming and regulate key steps of inflammation resolution via Annexin A1. *Blood* 129(21): 2896-2907.

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

[doi>](#) Cubel garcia RC, Pereira RF, Castro TX, Setubal S, Mello FC, Siqueira MM, Brown DWG, Oliveira SA, Azevedo KM 2017. Molecular diversity of human parvovirus B19 during two outbreaks of erythema infectiosum in Brazil. *Braz J Infect Dis* 21: 102-106.

[doi>](#) Tavare LP, Teixeira MM, Garcia CC 2017. The inflammatory response triggered by Influenza virus: a two edged sword. *Inflamm Res* 66: 283-302.

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

[doi>](#) Granerod J, Davies NW, Ramanuj PP, Easton A, Brown DWG, Thomas SL 2017. Increased rates of sequelae post-encephalitis in individuals attending primary care practices in the United Kingdom: a population-based retrospective cohort study. *J Neurol* 264: 407-415.

[doi>](#) Marques DS, Grativol J, Peres RAS, Matos AR, Gimba ERP 2017. Osteopontin-c isoform levels are associated with SR and hnRNP differential expression in ovarian cancer cell lines. *Tumor Biol* 39(9): 1-8.

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

[doi>](#) Tavares LP, Garcia CC, Machado MG, Queiroz-Junior CM, Barthelemy A, Trottein F, Siqueira MM, Brandolini L, Allegretti M, Machado AM, Sousa LP, Teixeira MM 2017. CXCR1/2 antagonism is protective during influenza and post-influenza pneumococcal infection. *Front Immunol* 8: - .

[doi>](#) Gubareva LV, Besselaar TG, Daniels RS, Fry A, Gregory V, Huang W, Hurt AC, orquera PA, Lackenby A, Leang SK, Lo J, Pereyaslov D, Rebelo-de-Andrade H, Siqueira MM, Takashita E, Odagiri T, Wang D, Zhang W, Meijer A 2017. Global update on the susceptibility of human influenza viruses to neuraminidase inhibitors, 2015-2016. *Antivir Res* 146: 12-20.

[doi>](#) Cruz CQ, de Melo GR, de Freitas CS, Rocha N, Hoelz LV, Mesquita, M.M., Fintelman-

Rodrigues N, Marttorelli A, Ferreira AC, Barbosa-Lima G, Abrantes JL, Vieira YR, Bastos MM, de Mello Volotão E, Nunes EP, Tschoeke DA, Leomil L, Loiola EC, Trindade P, Rehen SK, Bozza FA, Bozza PT, Boechat N, Thompson FL, Filippis AMB, Brüning K, Souza TM 2017. The clinically approved antiviral drug sofosbuvir inhibits Zika virus replication. *Sci Rep* 7: - .

[doi>](#) Silva PCR, Born PS, Matos AR, Motta FC, Caetano BC, Debur MD, Riediger IN, Brown DWG, Siqueira MM 2017. Whole-Genome Characterization of a Novel Human Influenza A(H1N2) Virus Variant, Brazil. *Emerg Infect Dis* 23: 152-154.

## 2018

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

[doi>](#) Delatorre E, Mesquita MM, Tschoeke DA, Sequeira PC, Sampaio SA, Barbosa-Lima G, Vieira YR, Leomil L, Bozza FA, Cerbino-Neto J, Bozza PT, Nogueira RMR, Brasil P, Thompson FL, Filippis AMB, Souza TML 2018. An observational clinical case of Zika virus-associated neurological disease is associated with primary IgG response and enhanced TNF levels. *J Gen Virol* 99: 913-916.

[doi>](#) Raboni SM, Moura FEA, Caetano BC, Avanzi VM, Pereira LA, Nogueira MB, Vidal LR, Tavares ICF, Pradel FK, Picot VS, Puig Barbera J, Siqueira MM 2018. Global Influenza Hospital-based Surveillance Network (GIHSN): results of surveillance of influenza and other respiratory viruses in hospitalised patients in Brazil, 2015. *BMJ open* 8(2): e017603-e017603.

[doi>](#) Siqueira MAMT, Garcia CC, Matos AR, Cruz-de-Carvalho JS, Oliveira MLA 2018. Human CCR532 (rs333) polymorphism has no influence on severity and mortality of influenza A (H1N1) pdm09 infection in Brazilian patients from the post pandemic period. *Infect Genet Evol* 67: 55-59.

[doi>](#) Cruz CQ, Rodrigues NF, Mesquita MM, Siqueira MAMT, Souza TML 2018. Influenza vírus RNA polymerase may be activated inside the virion. *J Gen Virol* 99(12): 1608-1613.

[doi>](#) Silva TSC, Salomon PS, Hamerski L, Walter J, Menezes RB, Siqueira JE, Santos AMV, Santos JAM, Ferme NT, Guimarães TC, Fistarol GO, Hargreaves PI, Thompson C, Thompson F, Souza TML, Siqueira MAMT, Mesquita MM 2018. Inhibitory effect of microalgae and cyanobacteria extracts on influenza virus replication and neuraminidase activity. *PeerJ* 6: - .


[doi>](#) Canela LNP, Magalhães-Barbosa MC, Raymundo CE, Carney S, Siqueira MAMT, Prata-Barbosa A, Cunha AJLAD 2018. Viral detection profile in children with severe acute respiratory infection. *Braz J Infect Dis* 22(5): 402-411.


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

[doi>](#) Matos AR, Silva PCR, Mesquita MMA, Garcia CC, Caetano BC, Lopes JCO, Debur MC, Cury ALF, Vianna LA, Lima MC, Schirmer M, Gubareva L, Hurt A, Brown DWG, Siqueira MAMT 2018. Susceptibility of Brazilian influenza A(H1N1)pdm09 viruses to neuraminidase inhibitors in the 2014-2016 seasons: Identification of strains bearing mutations associated with reduced

inhibition profile. Antivir Res 154: 35-43.

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

 Garcia CC, Tavares LP, Dias ACF, Kehdy F, Arnez LEA, Queiroz-Junior CM, Galvão I, Lima BH, Matos AR, Gonçalves APF, Soriani FM, Moraes MO, Marques JT, Siqueira MM, Machado AMV, Sousa LP, Russo RC, Teixeira MM 2018. Phosphatidyl Inositol 3 Kinase-Gamma Balances Antiviral and Inflammatory Responses During Influenza A H1N1 Infection: From Murine Model to Genetic Association in Patients. Front Immunol 9: - .

 Galvão I, Tavares LP, Corrêa RO, Fachi JL, Rocha VM, Rungue M, Garcia CC, Cassali G, Ferreira CM, Martins FS, Oliveira SC, Mackay CR, Teixeira MM, Vinolo MAR, Vieira AT 2018. The Metabolic Sensor GPR43 Receptor Plays a Role in the Control of Klebsiella pneumoniae Infection in the Lung. Front Immunol 9: - .