

Laboratório de Desenvolvimento Tecnológico em Virologia

2006

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

Villar LM, Morais LM, Aloise R, Melo MM, Calado IA, Lampe E, Gaspar AMC 2006. Co-circulation of genotypes IA and IB of hepatitis A virus in Northeast Brazil.. *Braz J Med Biol Res* 39: 873-881.

Amado LA, Villar LM, de Paula VS, Almeida AJ, Gaspar AM 2006. Detection of hepatitis A, B, and C virus-specific antibodies using oral fluid for epidemiological studies.. *Mem I Oswaldo Cruz* (impresso) 101: 149-155.

Morais LM, De Paula VS, Arantes MR, Oliveira ML, Gaspar AM 2006. Early infection and asymptomatic spread of hepatitis A virus in a public child care center in Rio de Janeiro, Brazil: should attending children under two years of age be vaccinated?. *Mem I Oswaldo Cruz* (impresso) 101: 401-405.

Vitral CL, Gaspar AM, Souto FJ 2006. Epidemiological pattern and mortality rates for hepatitis A in Brazil, 1980-2002--a review.. *Mem I Oswaldo Cruz* (impresso) 101: 119-127.

Villar LM, De Paula VS, Diniz-Mendes L, Lampe E, Gaspar AMC 2006. Evaluation of methods used to concentrate and detect hepatitis A virus in water samples.. *J Virol Methods* 137: 169-176.

Baptista ML, Silva M, de Lima MA, Yoshida CFT, Gaspar AMC, Galler R 2006. Genetic variability of hepatitis A virus strain HAF-203 isolated in Brazil and expression of the VP1 gene in *Escherichia coli*.. *Mem I Oswaldo Cruz* (impresso) 101: 759-766.

Porrozzi R, Pereira MS, Teva A, Volpini AC, Pinto MA, Marchevsky RS, Barbosa AA Jr, Grimaldi Jr. G 2006. Leishmania infantum-induced primary and challenge infections in rhesus monkeys (*Macaca mulatta*): a primate model for visceral leishmaniasis. *T Roy Soc Trop Med H* 100: 926-937.

De Paula VS, Niel C, Teves SC, Villar LM, Virgolino H, Gaspar AMC 2006. Molecular epidemiology of hepatitis A virus in Brazilian Amazon.. *J Gastroen Hepatol* 21: 1435-1438.

2007

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

Villar LM, De Paula VS, Diniz-Mendes L, Guimarães FR, Ferreira FFM, Shubo T, Miagostovich MP, Gaspar AMC 2007. Molecular detection of hepatitis A virus in urban sewage in Rio de Janeiro, Brazil. *Lett Appl Microbiol* 45: 168-173.

Kozlowski AG, Motta-Castro AR, Nascimento LB, Silva AM, Teles SA, Villar LM, Gaspar AMC, Martins RM 2007. Prevalence of hepatitis A virus infection in Afro-Brazilian isolated communities in Central Brazil. *Mem I Oswaldo Cruz* (impresso) 102: 121-123.

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

De Paula VS, Diniz-Mendes L, Villar LM, Luz SLB, Silva LA, Jesus MS, Da Silva NMVS, Gaspar AMC 2007. Hepatitis A virus in environmental water samples from the Amazon Basin. *Water*

Res 41: 1169-1176.

2008

Indexado (> 0,65 a 2,0)

[doi>](#) Aloise R, Almeida AJ, Sion FS, Morais-de-Sa CA, Gaspar AMC, De Paula VS 2008. Changes in hepatitis A virus seroepidemiology in HIV-infected Brazilian patients. *Int J STD AIDS* 19: 321-326.

[doi>](#) Amado LA, Villar LM, De Paula VS, Gaspar AMC 2008. Comparison between serum and saliva for the detection of hepatitis A virus RNA. *J Virol Methods* 148: 74-80.

[doi>](#) Dos Santos DR, Villar LM, De Paula VS, Gaspar AMC, Silva-de-Lima G 2008. Hepatitis A virus subgenotypes dissemination during a community outbreak in a surrounding region of Rio de Janeiro. *Mem I Oswaldo Cruz (impresso)* 103: 254-258.

Indexado (>2,0 a 4,0)

[doi>](#) Vitral CL, Souto FJD, Gaspar AMC 2008. Changing epidemiology of hepatitis A in Brazil: reassessing immunization policy. *J Viral Hepatitis* 15 Suppl 2: 22-25.

[doi>](#) Diniz-Mendes L, De Paula VS, Luz SL, Niel C 2008. High prevalence of human Torque teno virus in streams crossing the city of Manaus, Brazilian Amazon. *J Appl Microbiol* 105: 51-58.

2009

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

[doi>](#) Santos DC, Martinho JM, Pacheco-Moreira LF, Araújo CC, Oliveira BC, Lago BV, Pinto MA, Paula VS 2009. Fulminant hepatitis failure in adults and children from a public hospital in Rio de Janeiro, Brazil. *Braz J Infect Dis* 13: 323-326.

[doi>](#) da Silva JA, De Paula VS, Villar LM, de Almeida AJ 2009. Investigação de acidentes biológicos entre profissionais de saúde. *Esc Anna Nery* 13: 508-516.

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

[doi>](#) dos Santos DR, Vitral CL, de Paula VS, Marchevsky RS, Lopes JF, Gaspar AM, Saddi TM, Júnior NC, Guimarães FR, Júnior JG, Ximenes LL, Souto FJ, Pinto MA 2009. Serological and molecular evidence of hepatitis E virus in swine in Brazil. *Vet J* 182: 474-480.

Indexado (fator de impacto > 2 e < 4)

[doi>](#) dos Santos DC, Martinho JM, Pacheco-Moreira LF, Araújo CV, Caroli-Bottino A, Pannain VL, Trinta KS, Gandini M, Neves PC, Matos DC, Caputo LF, Pelajo-Machado M, Pinto MA 2009. Eosinophils involved in fulminant hepatic failure are associated with high interleukin-6 expression and absence of interleukin-5 in liver and peripheral blood. *Liver Int* 29: 544-551.

[doi>](#) de Paula VS, Perse AS, Amado LA, de Moraes LM, de Lima SM, Tourinho RS, Gaspar AM, Pinto MA 2009. Kinetics of hepatitis A virus replication in vivo and in vitro using negative-

strand quantitative PCR. Eur J Clin Microbiol 28: 1167-1176.

[doi>](#) Villar LM, de Melo MM, Calado IA, Almeida AJ, Lampe E, Gaspar AM 2009. Should Brazilian patients with chronic hepatitis C virus infection be vaccinated against hepatitis A virus?. J Gastroen Hepatol 24: 238-242.

2010

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

[doi>](#) De Paula VS, Gaspar AM, Villar LM 2010. Optimization of methods for detecting hepatitis A virus in food. Food Environ Virol 2: 47-52.

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

[doi>](#) Amado LA, Marchevsky RS, De Paula VS, Hooper C, Freire MS, Gaspar AM, Pinto MA 2010. Experimental hepatitis A virus (HAV) infection in cynomolgus monkeys (*Macaca fascicularis*): evidence of active extrahepatic site of HAV replication. Int J Exp Pathol 91: 87-97.

Indexado (fator de impacto > 2 e < 4)

[doi>](#) Dos Santos DR, Lewis-Ximenez LL, da Silva MF, de Sousa PS, Gaspar AM, Pinto MA 2010. First report of a human autochthonous hepatitis E virus infection in Brazil. J Clin Virol 47: 276-279.

[doi>](#) Bonavita AG, Quaresma KR, Cotta-de-Almeida V, Pinto MA, Saraiva RM, Alves LA 2010. Hepatocyte xenotransplantation for treating liver disease. Xenotransplantation 17: 181-187.

Indexado (fator de impacto > 4)

[doi>](#) Lewis-Ximenez LL, Lauer GM, Schulze Zur Wiesch J, de Sousa PS, Ginuino CF, Paranhos-Baccalá G, Ulmer H, Pfeiffer KP, Goebel G, Pereira JL, Mendes de Oliveira J, Yoshida CF, Lampe E, Velloso CE, Alves Pinto M, Coelho HS, Almeida AJ, Fernandes CA, Kim AY, Strasak AM 2010. Prospective follow-up of patients with acute hepatitis C virus infection in Brazil. Clin Infect Dis 50: 1222-1230.

2011

Indexado (fator de impacto > 2 e 4)

[doi>](#) Strasak AM, Kim AY, Lauer GM, de Sousa PS, Ginuino CF, Fernandes CA, Velloso CE, de Almeida AJ, de Oliveira JM, Yoshida CF, Schulze zur Wiesch J, Paranhos-Baccalá G, Lang S, Brant LJ, Ulmer H, Strohmaier S, Kaltenbach L, Lampe E, Lewis-Ximenez LL 2011. Antibody dynamics and spontaneous viral clearance in patients with acute hepatitis C infection in Rio de Janeiro, Brazil. BMC Infect Dis 11: - .

[doi>](#) De Paula VS, da Silva AS, de Vasconcelos GA, Iff ET, Silva ME, Kappel LA, Cruz PB, Pinto MA 2011. Applied biotechnology for production of immunoglobulin Y specific to hepatitis A virus. J Virol Methods 171: 102-106.

[doi>](#) Amado LA, Villar LM, de Paula VS, Pinto MA, Gaspar AM 2011. Exposure to multiple subgenotypes of hepatitis A virus during an outbreak using matched serum and saliva specimens. J Med Virol 83: 768-775.

[doi>](#) dos Santos DR, De Paula VS, de Oliveira JM, Marchevsky RS, Pinto MA 2011. Hepatitis E virus in swine and effluent samples from slaughterhouses in Brazil. *Vet Microbiol* 149: 236-241.

[doi>](#) Santos RT, Amado LA, Villar LM, Sampaio DV, Moraes AC, Rodrigues do Ó KM, Gaspar AM, de Paula VS 2011. Importance of the cutoff ratio for detecting antibodies against hepatitis A virus in oral fluids by enzyme immunoassay. *J Virol Methods* 173: 169-174.

[doi>](#) Melgaço JG, Pinto MA, Rocha AM, Freire M, Gaspar LP, Lima SM, Cruz OG, Vitral CL 2011. The use of dried blood spots for assessing antibody response to hepatitis A virus after natural infection and vaccination. *J Med Virol* 83: 208-217.

Indexado (fator de impacto > 4)

[doi>](#) Prado T, Silva DM, Guilayn WC, Rose TL, Gaspar AM, Miagostovich MP 2011. Quantification and molecular characterization of enteric viruses detected in effluents from two hospital wastewater treatment plants. *Water Res* 45: 1287-1297.

Indexado (fator de impacto 0,65 e 2)

[doi>](#) Cavalcanti DN, de Oliveira MA, De-Paula JC, Barbosa LS, Fogel T, Pinto MA, Paixão IC, Teixeira VL 2011. Variability of a diterpene with potential anti-HIV activity isolated from the Brazilian brown alga *Dictyota menstrualis*. *J Appl Phycol* 23: 873-876.

2012

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Lima-Quaresma KR, Bonavita AG, Cytrângulo MK, Pinto MA, Alves LA 2012. Hepatocyte xenotransplantation. *Methods Mol Biol* 885: 245-249.

Indexado (fator de impacto >= 7,51)

[doi>](#) Marques PE, Amaral SS, Pires DA, Nogueira LL, Soriani FM, Lima BH, Lopes GA, Russo RC, Ávila TV, Melgaço JG, Oliveira AG, Pinto MA, Lima CX, de Paula AM, Cara DC, Leite MF, Teixeira MM, Menezes GB 2012. Chemokines and mitochondrial products activate neutrophils to amplify organ injury during mouse acute liver failure. *Hepatology* 56: 1971-1982.

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

[doi>](#) da Silva AS, Vasconcelos GA, Kappel LA, Pinto MA, Paula VS 2012. An immunoenzymatic assay for the diagnosis of hepatitis A utilising immunoglobulin Y. *Mem I Oswaldo Cruz* (impresso) 107: 960-963.

[doi>](#) Vitral CL, Ospina FL, Artimos S, Melgaço JG, Cruz OG, de Paula VS, Luz SB, Freire M, Gaspar LP, Amado LA, Engstrom EM, Fortes CD, de Souza TC, Dias NM, Gaspar AM, Souto FJ 2012. Declining prevalence of hepatitis A virus antibodies among children from low socioeconomic groups reinforces the need for the implementation of hepatitis A vaccination in Brazil. *Mem I Oswaldo Cruz* (impresso) 107: 652-658.

[doi>](#) Vieira CB, Mendes AC, Guimarães FR, Fumian TM, Leite JP, Gaspar AM, Miagostovich MP 2012. Detection of enteric viruses in recreational waters of an urban lagoon in the city of Rio de Janeiro, Brazil. Mem I Oswaldo Cruz (impresso) 107: 778-784.

[doi>](#) de Paula VS 2012. Laboratory diagnosis of hepatitis A. Future Virol 7: 461-472.

[doi>](#) Prado T, Fumian TM, Miagostovich MP, Gaspar AM 2012. Monitoring the hepatitis A virus in urban wastewater from Rio de Janeiro, Brazil. T Roy Soc Trop Med H 106: 104-109.

[doi>](#) da Silva SM, de Oliveira JM, Vitral CL, Vieira KA, Pinto MA, Souto FJ 2012. Prevalence of hepatitis E virus antibodies in individuals exposed to swine in Mato Grosso, Brazil. Mem I Oswaldo Cruz (impresso) 107: 338-341.

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

[doi>](#) dos Santos DC, Neves PC, Azeredo EL, Pelajo-Machado M, Martinho JM, Pacheco-Moreira LF, Araújo CC, Cruz OG, de Oliveira JM, Pinto MA 2012. Activated lymphocytes and high liver expression of IFN- γ are associated with fulminant hepatic failure in patients. Liver Int 32: 147-157.

[doi>](#) Tourinho RS, de Almeida AJ, Amado LA, Villar LM, Castro AR, de Paula VS 2012. Could oral fluid be used to evaluate anti-hepatitis A virus status in individuals living in difficult-to-access areas?. Vaccine 30: 6421-6426.

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

[doi>](#) Abad-Franch F, Grimmer GH, De Paula VS, Figueiredo LT, Braga WS, Luz SL 2012. Mayaro virus infection in Amazonia: a multimodel inference approach to risk factor assessment. Plos Neglect Trop D 6: - .

Qualis B2

[doi>](#) Vieira CB, Mendes AC, de Oliveira JM, Gaspar AM, Leite JP, Miagostovich MP 2012. Vírus entéricos na lagoa Rodrigo de Freitas. Oecologia Australis 16: 540-565.

2013

Indexado (fator de impacto < 1 ou sem FI)

Amado LA 2013. Saliva specimen sampling: a noninvasive methods for diagnosis and basic investigation of viral hepatitis A, B and C. Future Virol 8: 575-578.

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

Costa AM, De Paula VS, Amado LA 2013. Detection of replication-defective hepatitis A virus based on the correlation between real-time polymerase chain reaction and ELISA in situ results. Mem I Oswaldo Cruz (impresso) 108: 36-40.

[doi>](#) Scalioni, LC, Cruz HM, De Paula VS, Oliveira, JC, Santos RT, MOTTA-CASTRO, A. R. C, MURAT, P. G., Villela-Nogueira, C, Lewis-Ximenez LL, Lampe E, Villar LM 2013. Importance of collection methods and stability of oral fluid samples for hepatitis B surface antigen detection.

J Clin Lab Anal 27: 186-194.

[doi>](#) Ramos NMD, De Paula VS, DO ESPÍRITO-SANTO, MÁRCIA P., Pereira ESR, Miguel JC, DE OLIVEIRA, JAQUELINE C., Silva AS, Vieira YR, Lampe E, Villar LM 2013. Knowledge about viral hepatitis among participants of Gay Pride Event in Brazil. *Braz J Infect Dis* 17: 377-378.

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

[doi>](#) Vaughan G, Rossi LMG, Forbi JC, De Paula VS, Purdy MA, Xia G, Khudyakov YE 2013. Hepatitis A virus: Host interactions, molecular epidemiology and evolution. *Infect Genet Evol* 5: 227-243.

[doi>](#) Echevarría JM, Gonzáles JE, Lewis-Ximenez LL, Dos Santos DR, Munné MS, Pinto MA, Pujol FH, Rodríguez-Lay LA 2013. Hepatitis E virus infection in Latin America: a review. *J Med Virol* 85(6): 1037-1045.

[doi>](#) de Carvalho LG, Reanato S. Marchevsky , Debora Regina Lopes dos Santos , Oliveira JM, De Paula VS, Leilane M. Moraes, Van der Poel, Jorge Gonzalez, Maria Silvina Munné, Julio Moran, Ana carolina R. A. Cajaraville, Pelajo-Machado M, Oswaldo G. Cruz, Pinto MA 2013. Infection by Brazilian and Dutch swine hepatitis E virus strains induces haematological changes in *Macaca fascicularis*. *BMC Infect Dis* 13: - .

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

[doi>](#) Amaral, S.S., Oliveira, A.G., Marques, P.E., Quintão, J.L.B, Pires, D.A., Resende, R.R., Sousa, B.R., Melgaço JG, Pinto MA, Russo, R.C., Gomes, A.K., Andrade, L.M., Zanin, R.F., Pereira, R.V.S., Bonorino, C., Soriani, F.M., Lima, C.X., Cara, D.C., Teixeira, M.M., Leite, M.F., Menezes, G.B. 2013. Altered responsiveness to extracellular ATP enhances acetaminophen hepatotoxicity. *Cell Commun Signal* 11: 1-14.

[doi>](#) De Paula VS, Matthias Wiele, Afegenwi H. Mbunkah, Achukwi M. Daniel, Manchang T. Kingsley, Jonas Schmidt-Chanasit 2013. Hepatitis E virus genotype 3 strains in domestic pigs, Cameroon. *Emerg Infect Dis* 19: 666-668.

2014

Indexado (fator de impacto < 1 ou sem FI)

Prado T, Gaspar AMC, Miagostovich MP 2014. Detection of enteric viruses in activated sludge by feasible concentration methods. *Braz J Microbiol* 45: 343-349.

[doi>](#) Setzer AP, Gaspar AMC, Sidoni M, Galvão Bueno M, Catão-Dias JL 2014. Serosurvey for hepatitis A in neotropical primates in southeast Brazil. *J Med Primatol* 43: 202-205.

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

[doi>](#) Miagostovich MP, Guimarães FR, Vieira CB, Fumian, TM, Nilson Porto da Gama, Matias Victoria, Oliveira JM, Mendes ACO, Gaspar AMC, Leite JPG 2014. Assesment of water quality in a border region between the Atlantic Forest and an urbanised area in Rio de Janeiro, Brazil. *Food Environ Virol* 6: 110-115.

[doi>](#) Claudia Lamarca Vitral, Mônica da Silva-Nunes, Pinto MA, Oliveira JM, Gaspar AMC, Rebeca Cristina Costa Pereira, Marcelo Urbano Ferreira 2014. Hepatitis A and E seroprevalence and associated risk factors: a community-based cross-sectional survey in rural Amazonia. *BMC Infect Dis* 23: - .

[doi>](#) Villar LM, De Paula VS, de Almeida AJ, Rodrigues do Ó KM, Miguel JC, Lampe E 2014. Knowledge and prevalence of viral hepatitis among beauticians. *J Med Virol* 86: 1515-1521.

[doi>](#) Silva AP, Lopes JF, De Paula VS 2014. RNA interference inhibits herpes simplex virus type 1 isolated from saliva samples and mucocutaneous lesions. *Braz J Infect Dis* 18(4): 441-444.

[doi>](#) Regina M. Bringel, N.R. Freitas, A. Kozlowski, N.R.S. Reis, C.R.L.Lopes, S.A. Teles, Gardinali NR, Pinto MA 2014. Seroprevalence of hepatitis E antibodies in a population of recyclable waste pickers in Brazil. *J Med Virol* 59: 188-191.

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

[doi>](#) De Paula VS, Silva AP, Detlef Michel, Juliana Gil Melgaço, Vieira YR, Damião Carlos dos Santos, Cristina Carvalho Viana de Araujo, Lucio Filgueiras Pacheco-Moreira, Pelajo-Machado M, Cristina Moreira do Nascimento, Jonas Schimidt Chanasit, Pinto MA 2014. Acute liver failure in an immunocompetent patient. *J Clin Virol* 60: 1-3.

[doi>](#) Lima LRP, De Almeida AJ, Tourinho Rdos S, Hasselmann B, Ximenez LL, De Paula VS 2014. Evidence of hepatitis A virus person-to-person transmission in household outbreaks. *Plos One* 9 (7): - .

[doi>](#) Maribel G Martinez Assaf, Maria B. Pisano, Patricia A Pisano, Osvaldo C Elbarcha, Pinto MA, Oliveira JM, Pablo Digiusto, Silvia V, Nates, Viviana Ré 2014. First detection of hepatitis E virus in Central Argentina: Environmental and serological survey.. *J Clin Virol* 61: 334-339.

[doi>](#) Vieira YR, dos Santos DRL, Portilho MM, Velloso CEP, Arissawa M, Villar LM, Pinto MA, De Paula VS 2014. Hepadnavirus detected in bile and liver samples from domestic pigs of commercial abattoirs. *BMC Microbiol* 14: - .

[doi>](#) Villar LM, Amado LA, Almeida AJ, De Paula VS, Lewis-Ximenez LL, Lampe E 2014. Low Prevalence of Hepatitis B and C Virus Markers among Children and Adolescents. *BioMed Res Int* 2014: - .

[doi>](#) Scalioni LP, Cruz HM, De Paula VS, Miguel JC, Marques VA, Vilela-Nogueira CA, Milagres FA, Cruz MS, Bastos FI, Andrade TM, Motta-Castro ARC, Lewis-Ximenez LL, Lampe E, Villar LM 2014. Performance of rapid hepatitis C virus antibody assays among high- and low-risk populations. *J Clin Virol* 60: 200-205.

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

[doi>](#) Grimaldi FG, Teva A, Porrozzi R, Pinto MA, Marchevsky RS, Dutra MS, Rocha MG, Bruna-Romero O, Fernandes A, Gazzinelli RT 2014. Clinical and parasitological protection in a *Leishmania infantum*-macaque model vaccinated with adenovirus and the recombinant A2

antigen. Plos Neglect Trop D 8: - .

2015

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

[doi>](#) Santos RT, Almeida AJ, Villar LM, Murat PG, Capelin GJM, Motta-Castro ARM, De Paula VS 2015. Cross-sectional study of hepatitis A virus infection in the Pantanal population before vaccine implementation in Brazil: usage of non-invasive specimen collection. *Int J Env Res Pub He* 12: 7357-7369.

[doi>](#) Cruz HM, Scalioni LP, De Paula VS, Silva EF, Rodrigues do Ó K, Rodrigues do Ó K, Milagres FAP, Cruz MS, Bastos FI, Pollo-Flores P, Motta-Castro ARC, Pilloto JH, Lewis-Ximenez LL, Lampe E, Villar LM 2015. Evaluating HBsAg rapid test performance for different biological samples from low and high infection rate settings & populations. *BMC Infect Dis* 15: - .

[doi>](#) Fernandes-Monteiro AG, Trindade GF, Yamamura AMY, Moreira OC, De Paula VS, Duarte ACM, Britto C, Lima SMB 2015. New approaches for the standardization and validation of a Real-Time qPCR assay using TaqMan probes for quantification of yellow fever virus on clinical samples with high quality parameters. *Hum Vacc Immunother* 11(7): 1865-1871.

[doi>](#) Vieira YR, Marques da Silva MF, Santos DRL, Vieira AA, Ciacci-Zanella JR, Barquero G, Lago BV, Gomes SA, Pinto MA, De Paula VS 2015. Serological and molecular evidence of hepadnavirus infection in swine. *Ann Agr Env Med* 22: 11-16.

[doi>](#) Bentes GA, Lanzarini NM, Lima LR, Manso PP, da Silva AS, Mouta Junior SS, Guimarães JR, de Moraes MT, Pelajo-Machado M, Pinto MA 2015. Using immunoglobulin Y as an alternative antibody for the detection of hepatitis A virus in frozen liver sections. *Mem I Oswaldo Cruz* (impresso) 110(4): 577-579.

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

[doi>](#) Melgaço, J.G., Morgado, LN, Santiago, M.A., Oliveira JM, Lewis-Ximenez LL, Hasselmann, B., Oswaldo G Cruz, Pinto MA, Claudia Vitral 2015. A single dose of inactivated hepatitis A vaccine promotes HAV-specific memory cellular response similar to that induced by a natural infection. *Vaccine* 32: 3813-3820.

[doi>](#) Perse AS, Lopes AO, Vieira YR, de Almeida AJ, Sion FS, Grinsztejn B, Wagner S, De Paula VS 2015. Genotypic Characterization of Herpes Simplex Virus Type 1 Isolates in Immunocompromised Patients in Rio de Janeiro, Brazil. *Plos One* 10(9): - .

[doi>](#) Amado LA, Almeida AJ, De Paula VS, Santos RT, Villela DAM, Gaspar AMC, Lewis-Ximenez LL, Pinto MA 2015. Longitudinal study of hepatitis A Infection by saliva sampling: The kinetics of HAV markers in saliva revealed the application of saliva tests for hepatitis A study. *Plos One* 10: - .

2016

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Melgaço, JG, Soriani FM, Sucupira PH, Pinheiro LA, Vieira YR, Oliveira JM, Lewis-Ximenez LL, Araújo CCV, Pacheco-Moreira LF, Menezes GB, Cruz OG, Vitral CL, Pinto MA 2016. Changes

in cellular proliferation and plasma products are associated with liver failure. World J Hepatol 8(32): 1370-1383.

[doi>](#) Kury CM, Pinto MA, Silva JP, Cruz OG, Vitral CL 2016. Hepatitis A seroprevalence in public school children in Campos dos Goytacazes, Rio de Janeiro State, Brazil, prior to the introduction of the hepatitis A universal childhood vaccination. Cad Saude Publica 32: - .

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

[doi>](#) Silva SGC, Amado LA, Alves G, Brito SM, Sandes VS, Lima MMAF, Nogueira MC, Tavares RCBS, Dobbin J, Apa A, De Paula VS, Oliveira JM, Pinto MA, Ferreira Jr OC, Motta IJF 2016. A Rare Case of Transfusion Transmission of Hepatitis A Virus to Two Patients with Haematological Disease. Transfus Med Hemoth 43: 137-141.

[doi>](#) Amado LA, Marchevsky RS, Gaspar AMC, Garcia RCNC, Almeida AJ, Pelajo-Machado M, Castro TX, Nascimento JP, Brown K, Pinto MA 2016. Cynomolgus monkeys (*Macaca fascicularis*) experimentally infected with B19V and hepatitis A virus: no evidence of the co-infection as a cause of acute liver failure. Mem I Oswaldo Cruz (impresso) 111: 258-266.

[doi>](#) Freitas NR, Santana EB, Silva ÁM, Silva SM, Teles SA, Gardinali NR, Pinto MA, Martins RM 2016. Hepatitis E virus infection in patients with acute non-A, non-B, non-C hepatitis in Central Brazil. Mem I Oswaldo Cruz (impresso) 111(11): 692-696.

[doi>](#) Ramos DA, Miani M, Pandolfi R, Tondo L, Colli ML, Spilki FR, Gardinali NR, Kreutz LC, Frandoloso R 2016. Production and characterization of a Brazilian candidate antigen for Hepatitis E Virus genotype 3 diagnosis. FEMS Microbiol Lett 363: 8-16.

2017

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Freitas NR, Teles SA, Caetano KAA, Matos MA, Carneiro MAS, Gardinali NR, Pinto MA, Martins RMR 2017. Hepatitis E seroprevalence and associated factors in rural settlers in Central Brazil. Rev Soc Bras Med Tro 50: 675-679.

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

[doi>](#) Lima LRP, Silva AP, Schmidt-Chanasit J, De Paula VS 2017. Diagnosis of human herpes virus 1 and 2 (HHV-1 and HHV-2): use of a synthetic standard curve for absolute quantification by real time polymerase chain reaction. Mem I Oswaldo Cruz (impresso) 112: 220-223.

[doi>](#) Amado LA, Alves ADR, Garcia RCC, Melgaço J, De Paula VS, Pinto MA 2017. Parvovirus B19 Infection in a Fatal Case of Acute Liver Failure. Pediatr Infect Dis J 2: 10-15.

[doi>](#) Cruz HM, Scalioni LP, De Paula VS, Miguel JC, Rodrigues do Ó KM, Milagres FA, Cruz MS, Bastos FI, Flores PP, Leal E, Motta-Castro AR, Lewis-Ximenez LL, Lampe E, Villar LM 2017. Poor sensitivity of rapid tests for the detection of antibodies to the hepatitis B virus: implications for field studies. Mem I Oswaldo Cruz (impresso) 112: 209-213.

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

[doi>](#) Gardinali NR, Guimarães JR, Melgaço JG, Kevorkian YB, Bottino FO, Vieira YR, Silva ACA, Pinto DP, Fonseca LB, Vilhena LS, Uiechi E, Silva MCC, Moran J, Marchevsky RS, Cruz OG, Otonel RAA, Alfieri AA, Oliveira JM, Gaspar AMC, Pinto MA 2017. Cynomolgus monkeys are successfully and persistently infected with hepatitis E virus genotype 3 (HEV-3) after long-term immunosuppressive therapy. *Plos One* 12(3): - .

[doi>](#) Pandolfi R, Ramos de Almeida D, Pinto MA, Kreutz LC, Frandoloso R 2017. In house ELISA based on recombinant ORF2 protein underline high prevalence of IgG anti-hepatitis E virus amongst blood donors in south Brazil. *Plos One* 12(5): - .

2018

Indexado (fator de impacto < 1 ou sem FI)

[doi>](#) Alves RJV, Weksler M, Oliveira JA, Buckup PA, Pombal JP Jr, Santana HRG, Peracchi AL, Kellner AWA, Aleixo A, Bonino ARL, Almeida AMP, Albernaz AL, Ribas CC, Zilberberg C, Grelle CEV, Rocha CFDD, Lamas CJE, Haddad CFB, Bonvicino CR, Prado CPA, Lima DO, Oliveira MLA, Hopkins MJG, Solé M, Menezes NA, Passos P, D'Andrea PS, Pinto PCEA, Viana PL, Toledo PM, Reis RED, Vilela R, Bastos RP, Collevatti RG, Silva RC, Fisher SC, Caramaschi U 2018. Brazilian legislation on genetic heritage harms Biodiversity Convention goals and threatens basic biology research and education. *An Acad Bras Cienc* 90: 1279-1284.

[doi>](#) Lanzarini NM, Mendonça-de-Vasconcelos GA, Volotão EM, Pinto MA 2018. Use of chicken immunoglobulin Y in general virology. *J Immunoass Immunoch* 39(3): 235-248.

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

[doi>](#) Lemos AS, Lopes, A.O., Gardinali NR, Oliveira JM, Lopes AO, Lima LRP, Sion FS, Ribeiro FCP, Pinto MA, De Paula VS 2018. Detection and quantification of hepatitis E virus in the absence of IgG and IgM anti-HEV in HIV-positive patients. *J Appl Microbiol* 125: 1208-1215.

[doi>](#) Fumian TM, Victoria M, Vieira CB, Ferreira MSR, Prado T, Guimarães FR, da Gama NP, Oliveira JM, Mendes ACO, Gaspar AMC, Santos JDO, Chame M, Leite JPG, Miagostovich MP 2018. Enteric viruses' dissemination in a private reserve of natural heritage. *Lett Appl Microbiol* 66: 313-320.

[doi>](#) Figueiredo AS, Lampe E, Furtado-de-Albuquerque PPL, Chaloub FLL, Filippis AMB, Villar LM, Cruz OG, Pinto MA, Oliveira JM 2018. Epidemiological investigation and analysis of the NS5B gene and protein variability of non-primate hepacivirus in several horse cohorts in Rio de Janeiro state, Brazil. *Infect Genet Evol* 59: 38-47.

[doi>](#) Melgaco JG, Gardinali NR, de Mello VDM, Leal M, Lewis-Ximenez LL, Pinto MA 2018. Hepatitis E: Update on prevention and control. *BioMed Res Int* 2018: - .

[doi>](#) Matos AR, Cruz-de-Carvalho JS, Oliveira MLA, Garcia CC, Siqueira MAMT 2018. Human CCR5Δ32 (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>](#) Mirazo S, Gardinali NR, Cecilia D, Verger L, Ottonelli F, Ramos N, Castro G, Pinto MA, Re V, Pizano B, Lozano A, Oliveira JM, Arbiza J 2018. Serological and virological survey of hepatitis

E virus (HEV) in animal reservoirs from Uruguay reveals elevated prevalences and a very close phylogenetic relationship between swine and human strains. *Vet Microbiol* 213: 21-27.

[doi>](#) Rozental T, Silva ASV, Santos RCOP, Favacho ARM, Oliveira MLA, Bastos FI, Lemos ERS 2018. Seroprevalence of Bartonella spp., Coxiella burnetii, and Hantavirus among people who inject drugs in Rio de Janeiro, Brazil: a retrospective assessment of a biobank. *Rev Inst Med Trop SP* 60: - .

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

[doi>](#) Melgaço JG, Veloso CE, Pacheco-Moreira LF, Vitral CL, Pinto MA 2018. Complement System as a Target for Therapies to Control Liver Regeneration/Damage in Acute Liver Failure Induced by Viral Hepatitis. *J Immunol Res* 2018: 3917032-3917032.

[doi>](#) Bentes GA, Guimarães JR, Volotão EM, Fialho AM, Cleber Hooper, Teixeira ACGA, Gardinali NR, Lanzarini NM, Silva AS, Pitcovski J, Leite JPG, Pinto MA 2018. Cynomolgus Monkeys (*Macaca fascicularis*) as an Experimental Infection Model for Human Group A Rotavirus. *Viruses-Basel* 10: - .

[doi>](#) de Oliveira JMNS, Freitas NR, Teles SA, Fernanda, Lemos AS, Oliveira JM, De Paula VS, Pinto MA, Martins RMB 2018. Prevalence of hepatitis E virus RNA and antibodies in a cohort of kidney transplant recipients in Central Brazil. *Int J Infect Dis* 69: 41-43.