

ARTIGOS PUBLICADOS EM 2006

1. AMINO, R.; MARTIN, B.; THIBERGE, S.; CELLI, S.; SHORTE, S.; FRISCHKNECHT, F.; MENARD, R. Quantitative imaging of Plasmodium transmission from mosquito to mammal. *Nature medicine*, v. 12, n. 2, p. 220-224, 2006.
2. ARAI, R. J.; MASUTANI, H.; YODOI, J.; DEBBAS, V.; LAURINDO, F. R. M.; STERN, A.; MONTEIRO, H. P. Nitric oxide induces thioredoxin-1 nuclear translocation: Possible association with the p21Ras survival pathway. *Biochemical and Biophysical Research Communications*, v. 384, p. 1254-1260, 2006.
3. BARBOSA, C.M.; OLIVEIRA, C.R.; NASCIMENTO, F.D.; SMITH, M.C.; FAUSTO, D.M.; SENA, E.; SOUFEN, M. A.; ARAÚJO, R.C.; TERSARIOL, I.L.S.; TRINDADE, C.B.; CAIRES, A.C.F. Biphosphinic palladacycle complex mediates lysosomal-membrane permeabilization and cell death in K562 leukaemia cells. *European Journal of Pharmacology*, v. 542, p. 37-47, 2006.
4. CHAIM, O. M.; SADE, Y. B.; da SILVEIRA, R.B.; TOMA, L.; KALAPOTHAKIS, E.; MANGILI, O.C.; Gremski W.; DIETRICH, C.P.; NADER, H.B.; VEIGA, S. S. Brown spider dermonecrotic toxin directly induces nephrotoxicity. *Toxicology and Applied Pharmacology*, v. 211, n. 1, p. 64-77, 2006.
5. DA SILVEIRA, R.B.; PIGOZZO RB; CHAIM, O. M.; APPEL, M.H.; DREYFUSS, J.L.; TOMA, L.; GREMSKI, W.; DIETRICH, C.P.; NADER, H.B.; VEIGA, S. S. Molecular cloning and functional characterization of two isoforms of dermonecrotic toxin from *Loxosceles intermedia* (Brown spider) venom gland. *Biochimie*, v. 88, p. 1241-1253, 2006.
6. FELDNER, P.C.; KATI, L.M.; SARTORI, M.G.; BARACAT, E.C.; RODRIGUES-DE-LIMA, G.; NADER, H.B.; DIETRICH, C.P.; GIRÃO, M.J. Sulfated glycosaminoglycans of the periurethral tissue in women with and without stress urinary incontinence, according to genital prolapse stage. *European Journal of Obstetrics, Gynecology, and Reproductive Biology*, v. 49, p. 250-254, 2006.
7. FERREIRA, C.V.; JUSTO, G.Z.; SOUZA, A.C.S.; QUEIROZ, K.C.S.; ZAMBUZZI, W.F.; AOYAMA, H.; PEPPELENBOSCH, M.P. Natural compounds as a source of protein tyrosine phosphatase inhibitors: application to the rational design of small-molecule derivatives. *Biochimie*, v. 88, p. 1859-1873, 2006.
8. FOGACA, A.; BULET, P.; TANAKA, A.S.; EBERLIND, M.N.; ALMEIDA, I.C.; DAFFRE, S. Ixodidin, a novel antimicrobial peptide from the hemocytes of the cattle tick *Boophilus microplus* with inhibitory activity against serine proteinases. *Peptides (New York)*, v. 27, p. 667-674, 2006.
9. GIANOTTI, A.; RIOS, W.M.; COSTA, A.S.; NOGAROTO, V.; CARMONA, A.K.; OLIVA, M.L.V.; ANDRADE, S.S.; SILVA, F.H. Recombinant expression, purification, and functional analysis of two novel cystatins from sugarcane (*Saccharum officinarum*). *Protein Expression and Purification*, v. 47, n. 2, p. 483-489, 2006.

10. GOZZO, A. J.; NUNES, V. A.; CRUZ-SILVA, I.; CARMONA, A. K.; NADER, H. B.; FALJONI-ALARIO, A.; SAMPAIO, M. U.; ARAUJO, M. S. Heparin modulation of human plasma kallikrein on different substrates and inhibitors *Biological Chemistry*, v. 387, p. 1129-1138, 2006.
11. MASSAYUKI-KIKUTI, C.M.; TERSARIOL, I. L. S.; SCHENKMAN, S. Divalent metal requirements for catalysis and stability of the RNA triphosphatase from *Trypanosoma cruzi*. *Molecular and Biochemical Parasitology*, v. 150, n. 1, p. 83-95.
12. KITADAI, H.K.; TAKAHASHI, H.K.; STRAUS, A.H.; IBANEZ, J.F.; LUCAS, R.; KITADAI, F.T.; MILANI, C. Effect of oral diacerein (DAR) in an experimental hip chondrolysis model. *Journal of Orthopaedic Research*, v. 24, p. 1240-1248, 2006.
13. LIMA, C.A. ; SASAKI, S.D.; TANAKA, A. S . Bmcystatin, a cysteine proteinase inhibitor characterized from the tick *Boophilus microplus*. *Biochemical and Biophysical Research Communications*, v. 347, p. 44-50, 2006.
14. LIMA, E.; CABRAL, F.R.; CAVALHEIRO, E.A.; NAFFAH-MAZZACORATTI, M.G.; AMADO, D. Efeito neuroprotetor da melatonina e N-acetil-serotonina na epileptogênese e no controle de crises em animais submetidos ao modelo da pilocarpina. *Journal of Epilepsy and Clinical Neurophysiology*, v. 12, p. 75-78, 2006.
15. LOPES, C.C.; DIETRICH, C.P.; NADER, H.B. Specific structural features of syndecans and heparan sulfate chains are needed for cell signaling. *Brazilian Journal of Medical and Biological Research*, v. 39, p. 157-167, 2006.
16. LOPES, C.C.; TOMA, L.; PINHAL, M.A.S.; PORCIONATTO, M.A.; SOGAYAR, M.C.; DIETRICH, C.P.; NADER, H.B. EJ-ras oncogene transfection of endothelial cells upregulates the expression of syndecan-4 and downregulates heparan sulfate sulfotransferases and epimerase.. *Biochimie*, v. 88, p. 1493-1504, 2006.
17. LOVATO, D.V.; CAMPOS, I.T.N.; AMINO, R.; TANAKA, A.S. The full length cDNA of anticoagulant protein infestin revealed a novel releasable Kazal domain, a neutrophil elastase inhibitor lacking anticoagulant activity. *Biochimie*, v. 88, p. 673-681, 2006.
18. MARÇAL, L.M.I.; VIEL, T.A.; BUCK, H.S.; NUNES, V.A.; GOZZO, A.J.; CRUZ-SILVA, I.; MIRANDA, A.; SHIMAMOTO, K.; URA, N.; ARAUJO, M. S. Bradykinin release and inactivation in brain of rats submitted to an experimental model of Alzheimer's disease. *Peptides (New York)*, v. 27, p. 3363-3369, 2006.
19. MARKOSKI, M.M.; TRINDADE, E.S.; CABRERA, G.; LASCHUK, A.; GALANTI, N.; ZAHA, A.; NADER, H.B.; FERREIRA, H.B. Praziquantel and albendazole damaging action on in vitro developing *Mesocestoides corti* (Platyhelminthes: Cestoda). *Parasitology International*, v. 55, p. 51-61, 2006.
20. MARQUES-FILHO, M. F.; WALDER, F.; TAKAHASHI, H. K.; GUIMARAES, L. L.; TANAKA, A. K.; CERVANTES, O.; STRAUS, A.H. Glycosphingolipids expression in squamous cell carcinoma of

the upper aerodigestive tract. *Revista Brasileira de Otorrinolaringologia*, v. 72, p. 25-31, 2006.

21. MARTINS, R. M.; SFORCA, M. L.; AMINO, R.; JULIANO, M. A.; OYAMA JR, S.; JULIANO, L.; PERTINHEZ, T.; SPISNI, A.; SCHENKMAN, S. Lytic activity and structural differences of amphipathic peptides derived from trypsin. *Biochemistry*, v. 45, n. 6, p. 1765-1774, 2006.
22. MATOS, L.L.; STABENOW, E.; TAVARES, M.R.; FERRAZ, A.R.; CAPELOZZI, V.L.; PINHAL, M.A.S. Immunohistochemistry quantification by a digital computer-assisted method compared to semiquantitative analysis. *Clinics (São Paulo)*, v. 61, p. 417-424, 2006.
23. MATSUO, A.L.; TERSARIOL, I. L.S.; KOBATA, S.I.; TRAVASSOS, L.R.; CARMONA, A.K.; PUCCIA, R. Modulation of the exocellular serine-thiol proteinase activity of *Paracoccidioides brasiliensis* by neutral polysaccharides. *Microbes and Infection*, v. 8, n. 1, p. 84-91, 2006.
24. MEYER, K.F.; MARTINS, J.L.; FREITAS-FILHO, L.G.; OLIVA, M.L.V.; PATRICIO, F.R.S.; MACEDO, M.; WANG, L. Evaluation of an experimental model of necrotizing enterocolitis in rats. *Acta Cirurgica Brasileira*, v. 21, n. 2, p. 113-118, 2006.
25. MODESTO, J.C.A.; SPENCER, P.J.; FRITZEN, M.; VALENÇA, R.C.; OLIVA, M.L.V.; SILVA, M.B.; CHUDZINSKI-TAVASSI, A.M. BE_1_PLA2, a novel acidic phospholipase A2 from *Bothrops erythromelas* venom: isolation, cloning and characterization as potent anti-platelet and inductor of prostaglandin I2 release by endothelial cells. *Biochemical Pharmacology*, v. 72, p. 377-384, 2006.
26. NAGAOKA, M.R.; GOMIERO, L.; TEIXEIRA, F.O.; D'AGOSTINO, F.G.; POUZA, J.E.P.; MIMARY, P.; BORGES, D.R.; KOUYOUMDJIAN, M. Is the expression of kinin B1 receptor related to intrahepatic vascular response? *Biochimica et Biophysica Acta. G, General Subjects*, v. 1760, p. 1831-1836, 2006.
27. NAKAHATA, A. M.; BUENO, N. R.; ROCHA, H. A. O.; FRANCO, C. R. C.; CHAMMAS, R.; JULIANO, M. A.; NADER, H. B.; SAMPAIO, M. U.; OLIVA, M. L. V. Cell adhesion inhibition by Arg-Gly-Asp containing peptide based on a trypsin inhibitor isolated from *Bauhinia rufa*. *International Journal of Biological Macromolecules*, v. 40, p. 22-29, 2006.
28. NAKAHATA, A.M.; BUENO, N.R.; ROCHA, H.A.O.; FRANCO, C.C.R.; CHAMMAS, R.; NAKAIE, C.R.; JASIULIONIS, M.G.; NADER, H.B.; SANTANA, L.A.; SAMPAIO, M.U.; OLIVA, M.L.V. Structural and inhibitory properties of a plant proteinase inhibitor containing RGD motif. *International Journal of Biological Macromolecules*, v. 40, p. 22-29, 2006.
29. NASSEH, I.E.; AMADO, D.; CAVALHEIRO, E.A.; NAFFAH-MAZZACORATTI, M.G.; TENGAN, C.H. Investigation of mitochondrial involvement in the experimental model of epilepsy induced by pilocarpine. *Epilepsy Research*, v. 68, p. 229-239, 2006.
30. OBA-SHINJO, S. M.; CORREAY, M.; MOLOGNONIY, F.; PINHAL, M.A.S.; NEVES, I.A.; MARIE, S.K.; SAMPAIO, L.O.; NADER, H.B.; CHAMMAS, R.; JASIULIONIS, M.G. Melanocyte transformation associated with substrate adhesion impediment. *Neoplasia*, v. 8, n. 3, p. 231-241, 2006.

31. OLIVA, M.L.V.; MEYER, K.F.; MARTINS, J.L.; FREITAS-FILHO, L.G.; PATRICIO, F.R.S.; MACEDO, M.; WANG, L. Glycine reduces tissue lipid peroxidation in hypoxia-reoxygenation induced necrotizing enterocolitis in rats. *Acta Cirurgica Brasileira*, v. 21, n. 3, p. 161-167, 2006.
32. PAIVA, P.M.G.; OLIVA, M.L.V.; FRITZ, H.; COELHO, L.C.B.B.; SAMPAIO, C.A.M. Purification and primary structure determination of two Bowman-Birk type trypsin iso inhibitors from *Cratylia mollis* seeds. *Phytochemistry*, v. 67, n. 6, p. 545-552, 2006.
33. PALUDO, K. S.; GREMSKI, L.H.; VEIGA, S.S.; CHAIM, O.M.; GREMSKI, W ; DE FREITAS BUCHI, D.; NADER, H.B.; DIETRICH, C.P.; FRANCO, C.R. The effect of brown spider venom on endothelial cell morphology and adhesive structures. *Toxicon*, v. 47, p. 844-853, 2006.
34. PARISE, E. R.; OLIVEIRA, A.C.; FIGUEIREDO-MENDES, C.; LANZONI, V.; MARTINS, J.; NADER, H.B.; FERRAZ, M.L. Noninvasive serum markers in the diagnosis of structural liver damage in chronic hepatitis C virus infection. *Liver International*, v. 26, p. 1095-1099, 2006.
35. PASSEROTTI, C.C.; BONFIM, A.; MARTINS, J.R.; DALL'OGGIO, M.F.; SAMPAIO, L.O.; MENDES, A.; ORTIZ, V.; SROUGI, M.; DIETRICH, C.P.; NADER, H.B. Urinary hyaluronan as a marker for the presence of residual transitional cell carcinoma of the urinary bladder. *European Urology*, v. 49, p. 71-75, 2006.
36. PEREIRA, A.L.M.; FRITZEN, M.; FARIA, F.; DA MOTTA, G.; CHUDZINSKI-TAVASSI, A.M. Releasing or expression modulating mediator involved in hemostasis by Berythraactivase and Jararhagin (SVMPS). *Toxicon*, v. 47, n. 7, p. 788-796, 2006.
37. PORCIONATTO, M. Extracellular matrix provides directional cues for neuronal migration during cerebellar development . *Brazilian Journal of Medical and Biological Research*, v. 39, p. 313-320, 2006.
38. SANTIAGO, J.F.C.; CARVALHO, F.F.; PEROSA, S.R.; FERNANDES, M.J.S.; CAVALHEIRO, E.A.; AMADO, D.; NAFFAH-MAZZACORATTI, M.G. Effect of glycemic state of rats submitted to status epilepticus during development. *Arquivos de Neuro-Psiquiatria*, v. 64, p. 233-239, 2006.
39. SASAKI, S.D.; COTRIN, S.S.; CARMONA, A.K.; TANAKA, A.S. An unexpected inhibitory activity of Kunitz-type serine proteinase inhibitor derived from *Boophilus microplus* trypsin inhibitor on cathepsin L. *Biochemical and Biophysical Research Communications*, v. 341, p. 1550-1556, 2006.
40. SEIBERT, C.S.; AZEVEDO, A.M.T.; SANTORO, M.L.; MACKESSY, S.P.; TORQUATO, R.J.S.; LEBRUN, I.; TANAKA, A.S.; MARTINS, I.S.S. Purification of a phospholipase A2 from *Lonomia obliqua* caterpillar bristle extract. *Biochemical and Biophysical Research Communications*, v. 342, n. 4, p. 1027-1033, 2006.
41. SHINJO, S.O.; CORREA, M.; RICCA, T.I.; MOLOGNONI, F.; PINHAL, M.A.S.; NEVES, I.A.; MARIE, S.K.; SAMPAIO, L.O.; NADER, H.B. Melanocyte transformation associated with substrate. Adhesion impediment. *Neoplasia (New York)*, v. 8, p. 231-241, 2006.

42. SILIANO, M.R.; LIMA, E.; VALENTE, S.G.; NAFFAH-MAZZACORATTI, M.G.; CAVALHEIRO, E.A.; ARIDA, R.M.; AMADO, D. Effect of aerobic physical exercise in pinealectomized animals submitted to pilocarpine model of epilepsy. *Brazilian Journal of Epilepsy and Clinical Neurophysiology*, v. 12, n. 2, p. 63-68, 2006.
43. SOUZA, N.J.A.; JUSTO, G.Z.; OLIVEIRA, C.R.; HAUN, M.; BINCOLETTO, C. Cytotoxicity of materials used in perforation repair tested using the V79 fibroblast cell line and the granulocyte-macrophage progenitor cells. *International Endodontics Journal*, v. 39, n. 1, p. 40-47, 2006.
44. STURM, A.; AMINO, R.; SAND, C.V.; REGEN, T.; RETZLAFF, S.; RENNENBERG, A.; KRUEGER, A.; POLLOK, J.; MENARD, R.; HEUSSLER, V.T. Manipulation of host hepatocytes by the malaria parasite for delivery into liver sinusoids. *Science*, v. 3, p. 3, 2006.
45. SUMIKAWA, J.T.; NAKAHATA, A.M.; FRITZ, H.; MENTELE, R.; SAMPAIO, M.U.; OLIVA, M.L.V. A Kunitz-type glycosylated elastase inhibitor with one disulfide bridge. *Planta Medica*, v. 72, n. 5, p. 393-397, 2006.
46. TRINDADE, M.B.; LOPES, J.L.; COSTA, A.S.; MOREIRA, A.C.M.; MOREIRA, R.A.; OLIVA, M.L.V.; BELTRAMINI, L.M. Structural characterization of novel chitin-binding lectins from the genus *Artocarpus* and their antifungal activity. *Biochimica et Biophysica Acta*, v. 1764, p. 146-152, 2006.
47. VIEIRA, D.S.S.; NAFFAH-MAZZACORATTI, M.G.; ZUKERMAN, E.; SENNE-SOARES, C.A.; ALONSO, E.O.; FAULHABER, M.H.W.; CAVALHEIRO, E.A.; PERES, M.F.P. Cerebrospinal fluid GABA levels in chronic migraine and without depression. *Brain Research*, v. 23, p. 197-201, 2006.
48. YONEYAMA, K.A.G.; TANAKA, A.K.; SILVEIRA, T.G.V.; TAKAHASHI, H.K.; STRAUS, A.H. Characterization of *Leishmania (Viannia) braziliensis* microdomains, and their role in macrophage infectivity. *Journal of Lipid Research*, v. 47, p. 2171-2177, 2006.