

## **Laboratório de Inflamação**

### **2006**

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

Barreto EO, Carvalho VF, Serra MF, Cordeiro RS, Martins MA, Fortes ZB, Silva PM 2006. Aldose reductase inhibitor zopolrestat restores allergic hyporesponsiveness in alloxan-diabetic rats. *Eur J Pharmacol* 549: 173-178.

Bonavita AG, da Costa AS, Pires AL, Neves-Ferreira AG, Perales J, Cordeiro RS, Martins MA, Silva PM 2006. Contribution of mast cells and snake venom metalloproteinases to the hyperalgesia induced by Bothrops jararaca venom in rats.. *Toxicon* 47: 885-893.

Barreto EO, Carvalho VF, Oliveira MS, Bertho AL, Barja-Fidalgo TC, Cordeiro RS, Martins MA, Silva PM 2006. High levels of filamentous actin and apoptosis correlate with mast cell refractoriness under alloxan-evoked diabetes. *Life Sci* 79: 1194-1202.

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Carlos D, Sa-Nunes A, de Paula L, Matias-Peres C, Jamur MC, Oliver C, Serra MF, Martins MA, Faccioli LH 2006. Histamine modulates mast cell degranulation through an indirect mechanism in a model IgE-mediated reaction.. *Eur J Immunol* 36: 1494-1503.

Lavich TR, Siqueira R de A, Farias-Filho FA, Cordeiro RS, Rodrigues e Silva PM, Martins MA 2006. Neutrophil infiltration is implicated in the sustained thermal hyperalgesic response evoked by allergen provocation in actively sensitized rats.. *Pain* 125: 180-187.

### **2007**

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Aguiar A, Martins CJ, Batista MM, Carvalho VF, Barreto EO, Martins PMRS, Corte-Real S, Baetas da Cruz W 2007. A case of keratoacanthoma centrifugum marginatum with a curious mast cell accumulation at tumour sites. *J Eur Acad Dermatol Venereol* 21: 392-435.

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

Neves JS, Coelho LP, Cordeiro RBS, Veloso MP, Martins PMRS, Santos MH, Martins MA 2007. Antianaphylactic Properties of 7-Epiclusianone, a Tetraprenylated Benzophenone Isolated from *Garcinia brasiliensis*.. *Planta Med* 73: 644-649.

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

Salluh JI, Pino AV, Silva AR, Gomes RN, Souza HS, Silva JR, Jandre FC, Gianella-Neto A, Zimmerman GA, Stafforini DM, Prescott SM, Castro-Faria-Neto HC, Bozza PT, Bozza FA 2007. Lung production of platelet-activating factor acetylhydrolase in oleic acid-induced acute lung injury.. *Prostag Leukotr Ess* 77: 1-8.

Ribeiro-Carvalho MM, Lima-Quaresma KRF, Mouço T, Carvalho VF, Melo-Coelho V, Savino W 2007. Triiodothyronine Modulates Thymocyte Migration.. *Scand J Immunol* 66: 17-25.

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

Costa JCS, Olsem PC, Siqueira RA, Carvalho VF, Serra MF, Alves LA, Faria RX, Xisto DG, Rocco PRM, Cordeiro RBS, Martins PMRS, Martins MA 2007. JMF2-1, a lidocaine derivative acting on airways spasm and lung allergic inflammation in rats. *J Allergy Clin Immunol* 119: 219-225.

Magalhães ES, Mourão-Sá DS, Abreu AV, Figueiredo RT, Aguiar A, Farias Filho FA, Fonseca BPF, Viola JPB, Metz C, Martins MA, Faria Neto HCC, Bozza PT, Bozza MT 2007. Macrophage migration inhibitory factor is essential for allergic asthma but not for Th2 differentiation. *Eur J Immunol* 37: 1097-1106.

Pacheco P, Vieira-de-Abreu A, Gomes RN, Barbosa-Lima G, Wermelinger LB, Maya-Monteiro CM, Silva AR, Bozza MT, Castro-Faria-Neto HC, Bandeira-Melo C, Bozza PT 2007. Monocyte chemoattractant protein-1/CC chemokine ligand 2 controls microtubule-driven biogenesis and leukotriene B4-synthesizing function of macrophage lipid bodies elicited by innate immune response. *J Immunol* 179: 8500-8508.

Barros CM, Andrade LR, Allodi S, Viskov C, Mourier PA, Cavalcante MCM, Straus AH, Takahashi HK, Pomin VH, Carvalho VF, Martins MA, Pavão MSG 2007. The Hemolymph of the Ascidian *Styela plicata* (Chordata - Tunicata) Contains Heparin inside Basophil-like Cells and a Unique Sulfated Galactoglucan in the Plasma.. *J Biol Chem* 282: 1615-1626.

### **2008**

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

[doi>](#) Cavalher-Machado Sc, Cuman RKN, Sartoretto JL, Martins JO, Tavares-de-Lima W, Martins MA, Martins PMR, Sannomiya P 2008. The allergic inflammatory reaction in neonatal streptozotocin-induced diabetic rats: evidence of insulin resistance and microvascular dysfunction. *Inflamm Res* 57: 535-541.

#### **Indexado (>4,0)**

[doi>](#) de-Paiva LS, Nobrega A, de-Melo GO, Hayashi EA, Carvalho VF, Martins PMRS, Bellio M, Teixeira GP, Rumjanek V, Costa SS, Koatz VLG 2008. Selective blockade of lymphopoiesis induced by kalanchosine dimalate: inhibition of IL-7-dependent proliferation. *J Leukocyte Biol* 83: 1038-1048.

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

[doi>](#) Coelho LP, Serra MF, Pires ALA, Cordeiro RBS, Martins PMRS, Santos MH, Martins MA 2008. 7-Epiclusianone, a tetraprenylated benzophenone, relaxes airway smooth muscle through activation of the nitric oxide-cGMP pathway. *J Pharmacol Exp Ther* 327: 206-214.

[doi>](#) Carvalho VF, Campos LV, Farias Filho FA, Florim LT, Barreto EO, Pirmez C, Savino W, Martins MA, Martins PMRS 2008. Suppression of allergic inflammatory response in the skin of alloxan-diabetic rats: relationship with reduced local mast cell numbers. *Int Arch Allergy Imm* 147: 246-254.

[doi>](#) Oliveira MS, Barreto EO, Zamuner S, Pires AL, Ferreira TP, Cordeiro RS, Lagente V, Martins MA, Wallace JL, Martins PM 2008. Suppressive effects of nitric oxide-releasing prednisolone

NCX-1015 on the allergic pleural eosinophil recruitment in rats. *Clin Exp Allergy* 38: 1830-1837.

[doi>](#) Costa JCS, Neves JS, N-de-Souza MV, Siqueira RA, Romeiro NC, Boechat N, Martins PMRS, Martins MA 2008. Synthesis and antispasmodic activity of lidocaine derivatives endowed with reduced local anesthetic action. *Bioorg Med Chem Lett* 18: 1162-1166.

## 2009

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[doi>](#) Martins PM, Carvalho VF, Cordeiro RB, Martins MA 2009. Down-regulation of allergic responses in conditions of experimental diabetes: A role for glucocorticoids?. *Neuroimmunomodulat* 16: 13-18.

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[doi>](#) Antunes MA, Abreu SC, Damaceno-Rodrigues NR, Parra ER, Capelozzi VL, Pinart M, Romero PV, Silva PM, Martins MA, Rocco PR 2009. Different strains of mice present distinct lung tissue mechanics and extracellular matrix composition in a model of chronic allergic asthma. *Resp Physiol Neurobi* 165: 202-207.

[doi>](#) Carvalho VF, Barreto EO, Farias Filho FA, Gomes LH, Mendonça LL, Cordeiro RS, Martins MA, Rodrigues e Silva PM 2009. Reduced expression of IL-3 mediates intestinal mast cell depletion in diabetic rats: role of insulin and glucocorticoid hormones. *Int J Exp Pathol* 90: 148-155.

[doi>](#) Caracas HC, Maciel JV, Martins PM, de Souza MM, Maia LC 2009. The use of lidocaine as an anti-inflammatory substance: a systematic review. *J Dent* 37: 93-97.

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[doi>](#) Martins V, Valença SS, Farias Filho FA, Molinaro R, Simões RL, Ferreira TP, Martins PM, Hogaboam CM, Kunkel SL, Fierro IM, Canetti C, Benjamim CF 2009. ATL-1, an aspirin-triggered lipoxin A4 synthetic analog, prevents the inflammatory and fibrotic effects of bleomycin-induced pulmonary fibrosis. *J Immunol* 182: 5374-5381.

[doi>](#) Silva AR, Pacheco P, Abreu AV, Monteiro CMM, Magalhães KG, Assis EF, Melo CB, Faria Neto HCC, Bozza PT 2009. Lipid bodies in oxidized LDL-induced foam cells are leukotriene-synthesizing organelles: a MCP-1/CCL2 regulated phenomenon. *Biochim Biophys Acta* 1791: 1066-1075.

[doi>](#) Fonseca BPF, Olsen PC, Coelho LP, Ferreira TP, Souza HS, Martins MA, Viola JPB 2009. NFAT1 transcription factor regulates pulmonary allergic inflammation and airway responsiveness. *Am J Resp Cell Mol* 40: 66-75.

## 2010

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

[doi>](#) Rocha FD, Yano M, da Cunha MR, Gabriel FT, Cordeiro RS, Menezes FS, Kaplan MA 2010. Brazilian Bromeliaceae species: isolation of arylpropanoid acid derivatives and antiradical potential. *Rev Bras Farmacogn* 20: 240-245.

[doi>](#) Santos RL, de Farias ML, de Mendonça LM, Gonçalves RT, Martins MA, de Souza MM 2010. Effects of immunosuppressant FK-506 on tooth movement. *Orthod Craniofac Res* 13: 153-161.

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

[doi>](#) Silva JP, Rodarte RS, Calheiros AS, Souza CZ, Amendoeira FC, Martins MA, Silva PM, Frutuoso VS, Barreto E 2010. Antinociceptive activity of aqueous extract of *Bowdichia virgilioides* in mice. *J Med Food* 13: 348-351.

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

[doi>](#) Antunes MA, Abreu SC, Silva AL, Parra-Cuentas ER, Ab'Saber AM, Capelozzi VL, Ferreira TP, Martins MA, Silva PM, Rocco PR 2010. Sex-specific lung remodeling and inflammation changes in experimental allergic asthma. *J Appl Physiol* 109: 855-863.

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

[doi>](#) Oliveira C, Navarro-Xavier RA, Anjos-Valotta EA, Martins JO, Silveira VL, Gonçalves LR, Araújo MS, Motta G, Sannomiya P, Oliva ML 2010. Effect of plant neutrophil elastase inhibitor on leucocyte migration, adhesion and cytokine release in inflammatory conditions. *Brit J Pharmacol* 161: 899-910.

[doi>](#) Queto T, Xavier-Elsas P, Gardel MA, de Luca B, Barradas M, Masid D, Martins PM, Peixoto CA, Vasconcelos ZM, Dias EP, Gaspar-Elsas MI 2010. Inducible nitric oxide synthase/CD95L-dependent suppression of pulmonary and bone marrow eosinophilia by diethylcarbamazine. *Am J Resp Crit Care* 181: 429-437.

**2011**

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

[doi>](#) Queto T, Vasconcelos ZF, Luz RA, Anselmo C, Guiné AA, Silva PM, Farache J, Cunha JM, Bonomo AC, Gaspar-Elsas MI, Xavier-Elsas P 2011. G-CSF suppresses allergic pulmonary inflammation, downmodulating cytokine, chemokine and eosinophil production. *Life Sci* 88: 830-838.

[doi>](#) Saraiva SA, Silva AL, Xisto DG, Abreu SC, Silva JD, Silva PL, Teixeira TP, Parra ER, Carvalho AL, Annoni R, Mauad T, Capelozzi VL, Silva PM, Martins MA, Rocco PR 2011. Impact of obesity on airway and lung parenchyma remodeling in experimental chronic allergic asthma. *Resp Physiol Neurobi* 177: 141-148.

[doi>](#) Carvalho VF, Florim LT, Barreto EO, Torres RC, Batista MM, Amendoeira FC, Cordeiro RS, Martins MA, e Silva PM 2011. Inhibition of advanced glycation end products by aminoguanidine restores mast cell numbers and reactivity in alloxan-diabetic rats. *Eur J Pharmacol* 669: 143-148.

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

[doi>](#) Olsen PC, Ferreira TP, Serra MF, Farias-Filho SA, Fonseca BP, Viola JP, Cordeiro RS, Silva

PM, Costa JC, Martins MA 2011. Lidocaine-derivative JMF2-1 prevents ovalbumin-induced airway inflammation by regulating the function and survival of T cells. *Clin Exp Allergy* 41: 250-259.

[doi>](#) Meuser-Batista M, Corrêa JR, Carvalho VF, de Carvalho Britto CF, da Cruz Moreira O, Batista MM, Soares MJ, Filho FA, e Silva PM, Lannes-Vieira J, Silva RC, Henriques-Pons A 2011. Mast cell function and death in *Trypanosoma cruzi* infection. *Am J Pathol* 179: 1894-1904.

## 2012

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

[doi>](#) dos Santos RL, Lacerda MC, Gonçalves RT, Martins MA, de Souza MM 2012. Immunosuppressants: Implications in orthodontics. *Dental Press J Orthod* 17: 55-61.

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

[doi>](#) Torres RC, Batista MM, Pons AH, Silva AR, Cordeiro RS, Martins MA, E Silva PM, Carvalho VF 2012. Activation of PPAR $\gamma$  by restores mast cell numbers and reactivity in alloxan-diabetic rats by reducing the systemic glucocorticoid levels. *Eur J Pharmacol* 691: 261-267.

[doi>](#) Machado CC, Nojima MC, Rodrigues e Silva PM, Mandarin-de-Lacerda CA 2012. Histomorphometric study of the periodontal ligament in the initial period of orthodontic movement in Wistar rats with induced allergic asthma. *Am J Orthod Dentofac* 142: 333-338.

[doi>](#) de Castro Barbosa ML, Ramos TJ, Arantes AC, Martins MA, Rodrigues e Silva PM, Barreiro EJ, Lima LM 2012. Synthesis and pharmacological evaluation of novel phenyl sulfonamide derivatives designed as modulators of pulmonary inflammatory response. *Molecules* 17: 14651-14672.

[doi>](#) Olsen PC, Coelho LP, da Costa JC, Cordeiro RS, Silva PM, Martins MA 2012. Two for one: cyclic AMP mediates the anti-inflammatory and anti-spasmodic properties of the nonanesthetic lidocaine analog JMF2-1. *Eur J Pharmacol* 680: 102-107.

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

[doi>](#) Lepletier A, de Frias Carvalho V, Morrot A, Savino W 2012. Thymic atrophy in acute experimental Chagas disease is associated with an imbalance of stress hormones. *Ann NY Acad Sci* 1262: 45-50.

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

[doi>](#) Kümmerle AE, Schmitt M, Cardozo SV, Lugnier C, Villa P, Lopes AB, Romeiro NC, Justiniano H, Martins MA, Fraga CA, Bourguignon JJ, Barreiro EJ 2012. Design, synthesis, and pharmacological evaluation of N-acylhydrazones and novel conformationally constrained compounds as selective and potent orally active phosphodiesterase-4 inhibitors. *J Med Chem* 55: 7525-7545.

[doi>](#) Serra MF, Anjos-Valotta EA, Olsen PC, Couto GC, Jurgilas PB, Cotias AC, Pão CR, Ferreira TP, Arantes AC, Pires AL, Cordeiro RS, Silva PM, Martins MA 2012. Nebulized lidocaine prevents airway inflammation, peribronchial fibrosis, and mucus production in a murine model of asthma. *Anesthesiology* 117: 580-591.

[doi>](#) Lanzetti M, da Costa CA, Nesi RT, Barroso MV, Martins V, Victoni T, Lagente V, Pires KM, E Silva PM, Resende AC, Porto LC, Benjamim CF, Valença SS 2012. Oxidative stress and nitrosative stress are involved in different stages of proteolytic pulmonary emphysema. *Free Radical Bio Med* 53: 1993-2001.

## 2013

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

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

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[doi>](#) Lopes AA, Ferreira TS, Nesi RT, Daher-de-Deus ML, Pires KMP, Silva AM, Borges RM, Valença AJUR, Valença SS, Porto LC 2013. Antioxidant action of própolis on mouse lungs exposed to short-term. *Bioorgan Med Chem* 21: 7570-7577.

[doi>](#) Simões-de-Freitas FS, Estato V, Carvalho VF, Torres RC, Lessa MA, Tibiriçá EV 2013. Cardiac microvascular rarefaction in hyperthyroidism-induced left ventricle dysfunction. *Microcirculation* 7: 590-598.

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[doi>](#) Vieira AB, Coelho LP, Santos MH, Martins PMRS, Martins MA 2013. Mangiferin prevents guinea pig tracheal contraction via activation of the nitric oxide-cyclic GMP pathway. *Plos One* 8: - .

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

[doi>](#) Ferreira TP, Arantes ACS, Nascimento CVMFD, Olsen PC, Trentin PG, Rocco PRM, Hogaboam CM, Puri RK, Martins MA, Martins PMRS 2013. IL-13 Immunotoxin Accelerates Resolution of Lung Pathological Changes Triggered by Silica Particles in Mice. *J Immunol* 191: 5220-5229.

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2014

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

[doi>](#) Barreto EO, Serra MF, Santos RV, Santos CEA, Hickmann J, Cotias AC, Rodrigues-de-Pão CR, Trindade SG, Schimidt V, Giacomelli C, Carvalho VF, Martins PMRS, Cordeiro RBS, Martins MA 2014. Local administration of gold nanoparticles prevents pivotal pathological changes in murine models of atopic asthma. *J Biomed Nanotechnol* 11: 1038-1050.

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

[doi>](#) Ribeiro-Filho J, Leite FC, da Costa HF, Calheiros AS, Torres RC, Trindade-de-Azevedo C, Martins MA, Dias SD, Bozza PT, Piuvezam MR 2014. Curine inhibits mast cell-dependent responses in mice. *J Ethnopharmacol* 155(2): 1118-1124.

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[doi>](#) Guercio GD, Bevictori L, Vargas-Lopes C, Madeira C, Oliveira A, Carvalho VF, Panizzutti R 2014. D-serine prevents cognitive deficits induced by acute stress. *Neuropharmacology* 86: 1-8.

2015

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[doi>](#) Olsen PC, Kitoko JZ, Ferreira TP, Trindade-de-Azevedo C, Arantes ACS, Martins MA 2015. Glucocorticoids decrease Treg cell numbers in lungs of allergic mice. *Eur J Pharmacol* 747: 52-58.

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[doi>](#) Insuele DBR, Daleprane JB, Coelho LP, Silva AR, Martins PMRS, Martins MA, Carvalho VF 2015. Glucagon induces airway smooth muscle relaxation by nitric oxide and prostaglandin E2. *J Endocrinol* 225: 205-217.

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[doi>](#) Reis AC, Alessandri AL, Athayde RM, Perez DA, Vago JP, Avila TV, Ferreira TP, Arantes ACS, Coutinho DS, Rachid MA, Souza LP, Martins MA, Menezes GB, Rossi AG, Teixeira MM, Pinho V 2015. Induction of eosinophil apoptosis by hydrogen peroxide promotes the resolution of allergic inflammation. *Cell Death Dis* 6: - .

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[doi>](#) Vago JP, Tavares LP, Garcia CC, Lima KM, Perucci LO, Vieira EL, Nogueira CRC, Soriani FM, Martins JO, Martins PMRS, 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

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[doi>](#) Silva JP, Ferro JNS, Silva Filho BF, Silva LAF, Souza TPM, Carvalho VF, Rodarte RS, Barreto EO 2016. Aqueous extract of *Bowdichia virgilioides* stem bark inhibition of allergic inflammation in mice. *J Med Plant Res* 10(34): 575-584.

[doi>](#) Ferreira LGB, Faria RX, Ferreira NCS, Bezerra RHS 2016. Brilliant Blue Dyes in Daily Food: How Could Purinergic System Be Affected?. *Int J Food Sci* 2016: - .

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[doi>](#) Torres RC, Magalhães NS, Martins PMRS, Martins MA, Carvalho VF 2016. Activation of PPAR- $\gamma$  reduces HPA axis activity in diabetic rats by up-regulating PI3K expression. *Exp Mol Pathol* 101: 290-301.

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[doi>](#) Freitas HR, Ferraz G, Ferreira GC, Ribeiro-de-Resende VT, Chiarini LB, Nascimento JLM, Oliveira KRH, Pereira TL, Ferreira LGB, Kubrusly RC, Faria RX, Herculano AM, Reis RAM 2016. Glutathione-Induced Calcium Shifts in Chick Retinal Glial Cells. *Plos One* 11(4): - .



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[doi>](#) Alberto AVP, Faria RX, de Menezes JRL, Calheiros AS, Rocha NC, Ferreira LGB, Frutuoso VS, Martins MA, Alves LA 2016. Role of P2 Receptors as Modulators of Rat Eosinophil Recruitment in Allergic Inflammation. *Plos One* 11: - .

[doi>](#) Nunes IKC, Souza ET, Cardozo SV, Carvalho VF, Romeiro NC, Martins PMRS, Martins MA, Barreiro EJ, Lima LM 2016. Synthesis, Pharmacological Profile and Docking Studies of New Sulfonamides Designed as Phosphodiesterase-4 Inhibitors. *Plos One* 11: - .

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

[doi>](#) Serra MF, Neves JS, Couto GC, Cotias AC, Rodrigues-de-Pão CR, Olsen PC, Moraes-de-Carvalho KI, Valotta EA, Faria RX, Costa JCS, Cordeiro RBS, Martins PMRS, Martins MA 2016. JM25-1, a Lidocaine Analog Combining Airway Relaxant and Antiinflammatory Properties: Implications for New Bronchospasm Therapy. *Anesthesiology* 124: 109-120.

[doi>](#) Ferreira TP, Mariano LL, Bortolini RG, Arantes ACS, Fernandes AJM, Berni M, Cecchinato V, Ugucioni M, Maj R, Barberis A, Martins PMRS, Martins MA 2016. Potential of PEGylated Toll-Like Receptor 7 Ligands for Controlling Inflammation and Functional Changes in Mouse Models of Asthma and Silicosis. *Front Immunol* 7: - .

[doi>](#) Alberto AVP, Magalhães RF, Branco VC, Silva JD, Cruz FF, Marques PS, Ferreira TP, Morales MM, Martins MA, Olsen PC, Rocco PRM 2016. The tyrosine kinase inhibitor dasatinib reduces lung inflammation and remodelling in experimental allergic asthma. *Brit J Pharmacol* 173: 1236-1247.

#### **2017**

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

[doi>](#) Simões-de-Freitas FS, Estato V, Reis PA, Castro-Faria-Neto HC, Carvalho VF, Torres RC, Lessa MA, Tibiriçá EV 2017. Acute simvastatin treatment restores cerebral functional capillary density and attenuates angiotensin II-induced microcirculatory changes in a model of primary hypertension. *Microcirculation* 24(8): 1-12.

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