

## PUBLICAÇÕES DOS DOCENTES DO DEPARTAMENTO DE BIOQUÍMICA

JUNHO E JULHO 2017

1.	<p>Bergamin LS, Figueiró F, Dietrich F, Manica FM, Filippi-Chiela EC, Mendes FB, Jandrey EHF, Lopes DV, Oliveira FH, Nascimento IC, Ulrich H, Battastini AMO.</p> <p>Interference of ursolic acid treatment with glioma growth: An in vitro and in vivo study.</p> <p>Eur J Pharmacol. 2017 Jun 27. pii: S0014-2999(17)30437-5. doi: 10.1016/j.ejphar.2017.06.030.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28663034">https://www.ncbi.nlm.nih.gov/pubmed/28663034</a></p>
2.	<p>Campos JC, Queliconi BB, Bozi LHM, Bechara LRG, Dourado PMM, Andres AM, Jannig PR, Gomes KMS, Zambelli VO, Rocha-Resende C, Guatimosim S, Brum PC, Mochly-Rosen D, Gottlieb RA, Kowaltowski AJ, Ferreira JCB.</p> <p>Exercise reestablishes autophagic flux and mitochondrial quality control in heart failure.</p> <p>Autophagy. 2017 Jun 9:0. doi: 10.1080/15548627.2017.1325062.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28598232">https://www.ncbi.nlm.nih.gov/pubmed/28598232</a></p>
3.	<p>Carvalho LA, Truzzi DR, Fallani TS, Alves SV, Toledo Junior JC, Augusto O, Netto LE, Meotti FC.</p> <p>Urate hydroperoxide oxidizes human peroxiredoxin 1 and peroxiredoxin 2.</p> <p>J Biol Chem. 2017 May 26;292(21):8705-8715. doi: 10.1074/jbc.M116.767657. Epub 2017 Mar 27.</p> <p><a href="http://www.jbc.org/content/early/2017/03/27/jbc.M116.767657">http://www.jbc.org/content/early/2017/03/27/jbc.M116.767657</a></p>
4.	<p>Corrêa-Velloso JDC, Gonçalves MCB, Naaldijk Y, Oliveira-Giacomelli Á, Pillat MM, Ulrich H.</p> <p>Pathophysiology in the comorbidity of Bipolar Disorder and Alzheimer's Disease: Pharmacological and stem cells approaches.</p> <p>Prog Neuropsychopharmacol Biol Psychiatry. 2017 May 2. pii: S0278-5846(17)30180-X. doi: 10.1016/j.pnpbp.2017.04.033.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28476640">https://www.ncbi.nlm.nih.gov/pubmed/28476640</a></p>
5.	<p>da Costa Vasconcelos FN, Maciel NK, Favaro DC, de Oliveira LC, Barbosa AS, Salinas RK, de Souza RF, Farah CS, Guzzo CR.</p> <p>Structural and enzymatic characterization of a cAMP-dependent diguanylate cyclase from pathogenic <i>Leptospira species</i>.</p> <p>J Mol Biol. 2017 Jun 7. pii: S0022-2836(17)30288-7. doi: 10.1016/j.jmb.2017.06.002.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28601495">https://www.ncbi.nlm.nih.gov/pubmed/28601495</a></p>

6.	<p>Dati LM, Ulrich H, Real CC, Feng ZP, Sun HS, Britto LR.</p> <p>Carvacrol promotes neuroprotection in the mouse hemiparkinsonian model.</p> <p>Neuroscience. 2017 May 17. pii: S0306-4522(17)30336-6. doi: 10.1016/j.neuroscience.2017.05.013.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28526576">https://www.ncbi.nlm.nih.gov/pubmed/28526576</a></p>
7.	<p>Gazara RK, Cardoso C, Bellieny-Rabelo D, Ferreira C, Terra WR, Venancio TM.</p> <p><i>De novo</i> transcriptome sequencing and comparative analysis of midgut tissues of four non-model insects pertaining to Hemiptera, Coleoptera, Diptera and Lepidoptera</p> <p>Gene 627. 2017, 85-93. doi.org/10.1101/127381.</p> <p><a href="http://www.biorxiv.org/content/early/2017/05/30/127381">http://www.biorxiv.org/content/early/2017/05/30/127381</a></p>
8.	<p>Gonzales-Zubiate FA, Okuda EK, Da Cunha JPC, Oliveira CC.</p> <p>Identification of karyopherins involved in the nuclear import of RNA exosome subunit Rrp6 in <i>Saccharomyces cerevisiae</i>.</p> <p>J. Biol. Chem. jbc.M116.772376. doi:10.1074/jbc.M116.772376</p> <p><a href="http://www.jbc.org/content/early/2017/05/24/jbc.M116.772376.abstract">http://www.jbc.org/content/early/2017/05/24/jbc.M116.772376.abstract</a></p>
9.	<p>Kaihami GH, Breda LCD, de Almeida JRF, de Oliveira Pereira T, Nicastro GG, Boechat AL, de Almeida SR, Baldini RL.</p> <p>The atypical response regulator AtvR is a new player in <i>Pseudomonas aeruginosa</i> response to hypoxia and virulence.</p> <p>INFECTION AND IMMUNITY, v. 85, p. IAI.00207-17, 2017. DOI: 10.1128/IAI.00207-17</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28533471">https://www.ncbi.nlm.nih.gov/pubmed/28533471</a></p>
10.	<p>Liang N, Trujillo CA, Negraes PD, Muotri AR, Lameu C, Ulrich H.</p> <p>Stem cell contributions to neurological disease modeling and personalized medicine.</p> <p>Prog Neuropsychopharmacol Biol Psychiatry. 2017 May 31. pii: S0278-5846(17)30232-4. doi: 10.1016/j.pnpbp.2017.05.025.</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S0278584617302324">http://www.sciencedirect.com/science/article/pii/S0278584617302324</a></p>
11.	<p>Martínez-Ramírez AS, Díaz-Muñoz M, Battastini AM, Campos-Contreras A, Olvera A, Bergamin L, Glaser T, Jacintho Moritz CE, Ulrich H, Vázquez-Cuevas FG.</p> <p>Cellular migration ability is modulated by extracellular purines in ovarian carcinoma SKOV-3 cells.</p> <p>J Cell Biochem. 2017 May 2. doi: 10.1002/jcb.26104.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28464260">https://www.ncbi.nlm.nih.gov/pubmed/28464260</a></p>
12.	<p>Menezes-Filho SL, Amigo I, Prado FM, Ferreira NC, Koike MK, Pinto IFD, Miyamoto S, Montero EFS,</p>

	<p>Medeiros MHG, Kowaltowski AJ.</p> <p>Caloric restriction protects livers from ischemia/reperfusion damage by preventing Ca<sup>2+</sup>-induced mitochondrial permeability transition.</p> <p>Free Radic Biol Med. 2017 Jun 19;110:219-227. doi: 10.1016/j.freeradbiomed.2017.06.013. [Epub ahead of print]</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28642067">https://www.ncbi.nlm.nih.gov/pubmed/28642067</a></p>
13.	<p>Moreira LM, Soares MR, Facincani AP, Ferreira CB, Ferreira RM, Ferro MIT, Gozzo FC, Felestrino EB, Assis RAB, Garcia CCM, Setubal JC, Ferro JA, de Oliveira JCF.</p> <p>Proteomics-based identification of differentially abundant proteins reveals adaptation mechanisms of <i>Xanthomonas citri</i> subsp. <i>citri</i> during <i>Citrus sinensis</i> infection</p> <p>BMC Microbiol. 2017; 17: 155. Published online 2017 Jul 11. doi: 10.1186/s12866-017-1063-x</p> <p><a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5504864/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5504864/</a></p>
14.	<p>Roubicek DA, Souza-Pinto NC.</p> <p>Mitochondria and mitochondrial DNA as relevant targets for environmental contaminants.</p> <p>Toxicology. 2017 Jun 26. pii: S0300-483X(17)30179-8. doi: 10.1016/j.tox.2017.06.012.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28655544">https://www.ncbi.nlm.nih.gov/pubmed/28655544</a></p>
15.	<p>Souza GM, Ballester MVR, Cruz CHB, Chumd H, Dalee B, Dale VH, Fernandes ECF, Foust T, Karph A, Lee Lynd, Maciel R, Milanez A, Nigro F, Osseweijer P, Verdade LM, Reynaldo L. Victoria RL, Wielen LV.</p> <p>The role of bioenergy in a climate-changing world</p> <p>Environmental Development. <a href="http://dx.doi.org/10.1016/j.envdev.2017.02.008">http://dx.doi.org/10.1016/j.envdev.2017.02.008</a></p> <p><a href="http://www.sciencedirect.com/science/article/pii/S2211464516302755">http://www.sciencedirect.com/science/article/pii/S2211464516302755</a></p>
16.	<p>Teixeira AA, Marchiò S, Dias-Neto E, Nunes DN, da Silva IT, Chackerian B, Barry M, Lauer RC, Giordano RJ, Sidman RL, Wheeler CM, Cavenee WK, Pasqualini R, Arap W.</p> <p>Going viral? Linking the etiology of human prostate cancer to the PCA3 long noncoding RNA and oncogenic viruses.</p> <p>EMBO Mol Med. 2017 Jul 27. pii: e201708072. doi: 10.15252/emmm.201708072.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28751581">https://www.ncbi.nlm.nih.gov/pubmed/28751581</a></p>
17.	<p>Valenzuela-Oses JK, García MC, Feitosa VA, Pachioni-Vasconcelos JA, Gomes-Filho SM, Lourenço FR, Cerize NNP, Bassères DS, Rangel-Yagui CO.</p> <p>Development and characterization of miltefosine-loaded polymeric micelles for cancer treatment</p> <p>Materials Science and Engineering: C. Volume 81, 1 December 2017, Pages 327-333</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S0928493117320921">http://www.sciencedirect.com/science/article/pii/S0928493117320921</a></p>

18.	<p>Vieira NM, Spinazzola JM, Alexander MS, Moreira YB, Kawahara G, Gibbs DE, Mead LC, Verjovski-Almeida S, Zatz M and Kunkel LM.</p> <p>Repression of phosphatidylinositol transfer protein <math>\alpha</math> ameliorates the pathology of Duchenne muscular dystrophy</p> <p>Proc Natl Acad Sci U S A. 2017 Jun 6;114(23):6080-6085. doi: 10.1073/pnas.1703556114.</p> <p><a href="http://www.pnas.org/cgi/doi/10.1073/pnas.1703556114">www.pnas.org/cgi/doi/10.1073/pnas.1703556114</a></p>
-----	---

### JANEIRO A MAIO DE 2017

19.	<p>Alta RYP, Vitorino HA, Goswami D, Liria CW, Wisnovsky SP, Kelley SO, Machini MT, Espósito BP.</p> <p>Mitochondria-penetrating peptides conjugated to desferrioxamine as chelators for mitochondrial labile iron</p> <p>PLOS One. doi: org/10.1371/journal.pone.0171729</p> <p><a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0171729">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0171729</a></p>
20.	<p>Alves, M.J.M., Kawahara, R., Viner, R., Colli, W., Mattos, E.C., Thaysen-Andersen, M., Larsen, M.R., Palmisano, G.</p> <p>Comprehensive glycoprofiling of the epimastigote and trypomastigote stages of <i>Trypanosoma cruzi</i>. J. Proteomics.</p> <p>J Proteomics. 2017 Jun 16. V 151-182-192 pii: S1874-3919(16)30238-X. doi: 10.1016/j.jprot.2016.05.034.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/27318177">https://www.ncbi.nlm.nih.gov/pubmed/27318177</a></p>
21.	<p>Amgarten D. ; MARTINS, Layla Farage ; LOMBARDI, K. C. ; ANTUNES, L. P. ; SOUZA, A. P. S. ; NICASTRO, G. G. ; Kitajima, E.W. ; Quaggio, R.B. ; UPTON,C. ; SETUBAL, J. C. ; da Silva, Aline M .</p> <p>Three novel <i>Pseudomonas</i> phages isolated from composting provide insights into the evolution and diversity of tailed phages.</p> <p>BMC GENOMICS, v. 18, p. 346, 2017. DOI: 10.1186/s12864-017-3729-z</p> <p><a href="https://bmcgenomics.biomedcentral.com/articles/10.1186/s12864-017-3729-z">https://bmcgenomics.biomedcentral.com/articles/10.1186/s12864-017-3729-z</a></p>
22.	<p>Armelin-Correa LM, Malnic B.</p> <p>Combining In Vivo and In Vitro Approaches To Identify Human Odorant Receptors Responsive to Food Odorants.</p> <p>J Agric Food Chem. 2017 Jan 17. doi: 10.1021/acs.jafc.6b04998</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28054485">https://www.ncbi.nlm.nih.gov/pubmed/28054485</a></p>

23.	<p>Arndta A, Liria CW, Yokoyama-Yasunakac JKU, Machini MT, Ulianac SRB, Espósito BP.</p> <p>New iminodibenzyl derivatives with anti-leishmanial activity</p> <p>Journal of Inorganic Biochemistry. Vol 172, July 2017, Pag 9–15. DOI: 10.1016/j.jinorgbio.2017.04.004</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S0162013416302732">http://www.sciencedirect.com/science/article/pii/S0162013416302732</a></p>
24.	<p>Braga TT, Forni MF, Correa-Costa M, Ramos RN, Barbuto JA, Paola Branco, Castoldi A, Hiyane MI, Davanzo MR, Latz E, Franklin BS, Kowaltowski AJ, Camara NOS</p> <p>Soluble Uric Acid Activates the NLRP3 Inflammasome</p> <p>Sci Rep. 2017 Jan 13;7:39884. doi: 10.1038/srep39884.</p> <p><a href="http://www.nature.com/articles/srep39884">http://www.nature.com/articles/srep39884</a></p>
25.	<p>Cardoso, VES, Dutra F.; Soares CO, Alves, A. N. L.; Bevilacqua, E.; Gaglioti, S. M.; Penatti, C. A. A.; Bechara, E. J. H.</p> <p>Liver damage induced by succinylacetone: A shared redox imbalance mechanism between tyrosinemia and hepatic porphyrias. Journal of the Brazilian Chemical Society no prelo.</p> <p>J. Braz. Chem. Soc., Vol. 00, No. 00, 1-11, 2017. DOI: 10.21577/0103-5053.20160294</p> <p><a href="http://dx.doi.org/10.21577/0103-5053.20160294">http://dx.doi.org/10.21577/0103-5053.20160294</a></p>
26.	<p>Castanheira B, Trindade FT, Andrade LS, Nantes IL, Politi MJ, Triboni ER, Brochsztain S.</p> <p>Dye photodegradation employing mesoporous organosilicas functionalized with 1,8-naphthalimides as heterogeneous catalysts.</p> <p>Journal of Photochemistry and Photobiology A: Chemistry Volume 332, 1 January 2017, Pages 316–325</p> <p>DOI:10.1016/j.jphotochem.2016.08.030</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S1010603016303197">http://www.sciencedirect.com/science/article/pii/S1010603016303197</a></p>
27.	<p>Cunha CP, Roberto GG, Vicentini R, Lembke CG, Souza GM, Ribeiro RV, Machado EC, Lagôa AMMA, Menossi M</p> <p>Ethylene-induced transcriptional and hormonal responses at the onset of sugarcane ripening</p> <p>Scientific Reports 7, Article number: 43364 (2017)</p> <p>doi:10.1038/srep43364</p> <p><a href="http://www.nature.com/articles/srep43364">http://www.nature.com/articles/srep43364</a></p>
28.	<p>da Silva MS, Segatto M, Pavani RS, Gutierrez-Rodrigues F, Bispo VD, de Medeiros MH, Calado RT, Elias MC, Cano MI.</p> <p>Consequences of acute oxidative stress in Leishmania amazonensis: From telomere shortening to the selection of the fittest parasites.</p> <p>Biochimica et Biophysica Acta (BBA) - Molecular Cell Research - Vol 1864, Issue 1, January 2017, Pages 138–150. DOI: 10.1016/j.bbamcr.2016.11.001</p>

	<p><a href="http://www.sciencedirect.com/science/article/pii/S0167488916302853">http://www.sciencedirect.com/science/article/pii/S0167488916302853</a></p>
29.	<p>de Almeida DC, Bassi ÊJ, Azevedo H, Anderson L, Origassa CST, Cenedeze MA, Andrade-Oliveira V, Felizardo RJF, Silva RC, Hiyane MI, Semedo P, Reis MA, Moreira- Filho CA, Verjovski-Almeida S, Pacheco-Silva Á, Câmara NOS.</p> <p>A Regulatory miRNA–mRNA Network Is Associated with Tissue Repair Induced by Mesenchymal Stromal Cells in Acute Kidney Injury.</p> <p>Tissue Repair Induced by Mesenchymal Stromal Cells in Acute Kidney Injury. <i>Front. Immunol.</i> 7:645. doi: 10.3389/fimmu.2016.00645</p> <p><a href="http://journal.frontiersin.org/article/10.3389/fimmu.2016.00645/full">http://journal.frontiersin.org/article/10.3389/fimmu.2016.00645/full</a></p>
30.	<p>de Oliveira AA, de Oliveira TF, Bobadilla LL, Garcia CC, Berra CM, de Souza-Pinto NC, Medeiros MH, Di Mascio P, Zatz R, de M Loureiro AP.</p> <p>Sustained kidney biochemical derangement in treated experimental diabetes: a clue to metabolic memory.</p> <p><i>Sci Rep.</i> 2017 Jan 12;7:40544. DOI: 10.1038/srep40544.</p> <p><a href="http://www.nature.com/articles/srep40544">http://www.nature.com/articles/srep40544</a></p>
31.	<p>Dos Santos AF, Terra LF, Wailemann RA, Oliveira TC, Gomes VM, Mineiro MF, Meotti FC, Bruni-Cardoso A, Baptista MS, Labriola L.</p> <p>Methylene blue photodynamic therapy induces selective and massive cell death in human breast cancer cells.</p> <p><i>BMC Cancer.</i> 2017 Mar 15;17(1):194. DOI: 10.1186/s12885-017-3179-7.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28298203">https://www.ncbi.nlm.nih.gov/pubmed/28298203</a></p>
32.	<p>Erill I, Puigvert M, Legrand L, Guarischi-Sousa R, Vandecasteele C, Setubal JC, Genin S, Guidot A, Valls M.</p> <p>Comparative analysis of <i>Ralstonia solanacearum</i> methylomes</p> <p><i>Frontiers in Plant Science</i>, <a href="https://doi.org/10.3389/fpls.2017.00504">https://doi.org/10.3389/fpls.2017.00504</a></p> <p><a href="http://journal.frontiersin.org/article/10.3389/fpls.2017.00504/full">http://journal.frontiersin.org/article/10.3389/fpls.2017.00504/full</a></p>
33.	<p>Ferrazoli EG, de Souza HD, Nascimento IC, Oliveira-Giacomelli Á, Schwindt TT, Britto LR, Ulrich H.</p> <p>Brilliant Blue G, But Not Fenofibrate, Treatment Reverts Hemiparkinsonian Behavior and Restores Dopamine Levels in an Animal Model of Parkinson's Disease.</p> <p><i>Cell Transplant.</i> 2017 Apr 13;26(4):669-677. doi: 10.3727/096368917X695227</p>

	<a href="http://www.ingentaconnect.com/content/cog/ct/2017/00000026/00000004/art00012">http://www.ingentaconnect.com/content/cog/ct/2017/00000026/00000004/art00012</a>
34.	<p>Ferreira ID, Prieto T, Freitas JG, Thomson NR, Nantes IL, Bechara E.JH.</p> <p>Natural Persulfate Activation for Anthracene Remediation in Tropical Environments</p> <p>Water, Air, &amp; Soil Pollution. April 2017, 228:146. DOI: 10.1007/s11270-017-3322-8</p> <p><a href="http://link.springer.com/article/10.1007/s11270-017-3322-8">http://link.springer.com/article/10.1007/s11270-017-3322-8</a></p>
35.	<p>Furtado DZ, de Moura Leite FB, Barreto CN, Faria B, Jedlicka LD, de Jesus Silva E, da Silva HD, Bechara EJ, Assunção NA.</p> <p>Profiles of amino acids and biogenic amines in the plasma of Cri-du-Chat patients.</p> <p>J PHARM BIOMED ANAL. 2017 MAR 21;140:137-145. DOI: 10.1016/J.JPBA.2017.03.034.</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S0731708516313681">http://www.sciencedirect.com/science/article/pii/S0731708516313681</a></p>
36.	<p>Garcia-Neto W, Cabrera-Orefice A, Uribe-Carvajal S, Kowaltowski AJ, Alberto Luévano-Martínez L.</p> <p>High Osmolarity Environments Activate the Mitochondrial Alternative Oxidase in <i>Debaryomyces Hansenii</i>.</p> <p>PLoS One. 2017 Jan 6;12(1):e0169621. doi: 10.1371/journal.pone.0169621.</p> <p><a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0169621">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0169621</a></p>
37.	<p>Hugo M, Martínez A, Trujillo M, Estrada D, Mastrogiovanni M, Linares E, Augusto O, Issoglio F, Zeida A, Estrín DA, Heijnen HF, Piacenza L, Radi (2017)</p> <p>Kinetics, subcellular localization, and contribution to parasite virulence of a <i>Trypanosoma cruzi</i> hybrid type A heme peroxidase (TcAPx-CcP).</p> <p>Proc Natl Acad Sci USA 114, E1326-E1335, doi:10.1073/pnas.1618611114</p> <p><a href="http://www.pnas.org.ez67.periodicos.capes.gov.br/content/114/8/E1326.full">http://www.pnas.org.ez67.periodicos.capes.gov.br/content/114/8/E1326.full</a></p>
38.	<p>Kock-Schoppenhauer AK, Kamann C, Ulrich H, Duhm-Harbeck P, Ingenerf J.</p> <p>Linked Data Applications Through Ontology Based Data Access in Clinical Research.</p> <p>Stud Health Technol Inform. 2017;235:131-135. Doi :10.3233/978-1-61499-753-5-131</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28423769">https://www.ncbi.nlm.nih.gov/pubmed/28423769</a></p>
39.	<p>Lemos LN, Pereira RV, Quaggio RB, Martins LF, Moura LMS, da Silva AR, Antunes LP, da Silva AM, Setubal JC.</p> <p>Genome-centric analysis of a thermophilic and cellulolytic bacterial consortium derived from composting.</p> <p><i>Frontiers in Microbiology</i>, 8, 644, 2017. <a href="https://doi.org/10.3389/fmicb.2017.00644">https://doi.org/10.3389/fmicb.2017.00644</a></p> <p><a href="http://journal.frontiersin.org/article/10.3389/fmicb.2017.00644/full">http://journal.frontiersin.org/article/10.3389/fmicb.2017.00644/full</a></p>

40.	<p>Luévano-Martínez LA, Forni MF, Peloggia J, Watanabe IS, Kowaltowski AJ.</p> <p>Calorie restriction promotes cardiolipin biosynthesis and distribution between mitochondrial membranes.</p> <p>Mech Ageing Dev. 2017 Feb 14;162:9-17. doi: 10.1016/j.mad.2017.02.004.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28213011">https://www.ncbi.nlm.nih.gov/pubmed/28213011</a></p>
41.	<p>Martins W.K, Gomidec A.B, Costa E.T, Junqueira H.C, Stolf B.S , Itri R, Baptista M.S,</p> <p>Membrane damage by betulinic acid provides insights into cellular aging.</p> <p>Biochimica et Biophysica Acta. DOI: 10.1016/j.bbagen.2016.10.018 Volume 1861, Issue 1, Part A, January 2017, Pages 3129–3143</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S0304416516303932">http://www.sciencedirect.com/science/article/pii/S0304416516303932</a></p>
42.	<p>Meotti F.C, Figueiredo C.P, Manjavachi M, Calixto J.B</p> <p>The transient receptor potential ankyrin-1 mediates mechanical hyperalgesia induced by the activation of B1 receptor in mice.</p> <p>Biochemical Pharmacology. Volume 125, 1 February 2017, Pages 75–83. DOI: 10.1016/j.bcp.2016.11.003</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S0006295216303902">http://www.sciencedirect.com/science/article/pii/S0006295216303902</a></p>
43.	<p>Moreira NR, Cardoso C, Dias RO, Ferreira C, Terra WR.</p> <p>A physiologically-oriented transcriptomic analysis of the midgut of <i>Tenebrio molitor</i>.</p> <p>J Insect Physiol. 2017. Mar 21;99:58-66. doi: 10.1016/j.jinsphys.2017.03.009.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28341416">https://www.ncbi.nlm.nih.gov/pubmed/28341416</a></p>
44.	<p>Mori MP, Costa RA, Soltys DT, Freire TS, Rossato FA, Amigo I, Kowaltowski AJ, Vercesi AE, de Souza-Pinto NC.</p> <p>Lack of XPC leads to a shift between respiratory complexes I and II but sensitizes cells to mitochondrial stress.</p> <p>Sci Rep. 2017 Dec;7(1):155. doi: 10.1038/s41598-017-00130-x.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28273955">https://www.ncbi.nlm.nih.gov/pubmed/28273955</a></p>
45.	<p>Olympio KPK, Gonçalves CG, Salles FJ, Ferreira APSS, Soares AS, Buzalaf MAR, Cardoso MRA, Bechara EJH.</p> <p>What are the blood lead levels of children living in Latin America and the Caribbean?</p> <p>Environ Int. 2017 Apr;101:46-58. doi: 10.1016/j.envint.2016.12.022.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28159393">https://www.ncbi.nlm.nih.gov/pubmed/28159393</a></p>
46.	<p>Pellegrina, D.V.S., Severino, P., Barbeiro, H.V., de Souza, H.P., Machado, M.C.C., Pinheiro-da-Silva, F.,</p>



	<p>Reis, E.M.</p> <p>Insights into the Function of Long Noncoding RNAs in Sepsis Revealed by Gene Co-Expression Network Analysis.</p> <p>Non-Coding RNA 2017, 3, 5. doi:10.3390/ncrna3010005</p> <p><a href="http://www.mdpi.com/2311-553X/3/1/5">http://www.mdpi.com/2311-553X/3/1/5</a></p>
47.	<p>Pimentel AC, Fuzita FJ, Palmisano G, Ferreira C, Terra WR.</p> <p>Role of cathepsins D in the midgut of <i>Dysdercus peruvianus</i>.</p> <p>Comp Biochem Physiol B Biochem Mol Biol. DOI: 10.1016/j.cbpb.2016.11.004</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/27838410">https://www.ncbi.nlm.nih.gov/pubmed/27838410</a></p>
48.	<p>Politi MJ, Chaimovich H, Liuc C, Triboni ER, Filho DB, Cuccovia IM.</p> <p>Effect of urea on ion pair formation. The hydrophilic effect of urea.</p> <p>Colloids and Surfaces A: Physicochemical and Engineering Aspects. DOI: 10.1016/j.colsurfa.2017.01.068</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S0927775717301048">http://www.sciencedirect.com/science/article/pii/S0927775717301048</a></p>
49.	<p>Puigvert M, Guarischi-Sousa R, Zuluaga P, Coll NS, Macho AP, Setubal JC and Valls M.</p> <p>Transcriptomes of <i>Ralstonia solanacearum</i> during root colonization of <i>Solanum commersonii</i>.</p> <p>Front Plant Sci. 2017; 8: 370. DOI: 10.3389/fpls.2017.00370.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5357869/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5357869/</a></p>
50.	<p>Ronsein GE, Vaisar T.</p> <p>Inflammation, remodeling, and other factors affecting HDL cholesterol efflux.</p> <p>Curr Opin Lipidol. 2017 Feb;28(1):52-59. DOI: 10.1097/MOL.0000000000000382</p> <p><a href="https://www-ncbi-nlm-nih-gov.ez67.periodicos.capes.gov.br/pubmed/27906712">https://www-ncbi-nlm-nih-gov.ez67.periodicos.capes.gov.br/pubmed/27906712</a></p>
51.	<p>Sheridan MA, Yunusov D, Balaraman V, Alexenko AP, Yabe S, Verjovski-Almeida S, Schust DJ, Franz AW, Sadovsky Y, Ezashi T and Roberts RM</p> <p>Vulnerability of primitive human placental trophoblast to Zika virus</p> <p>PNAS 2017 114: E1587-E1596. vol. 114 no. 9. doi: 10.1073/pnas.1616097114</p> <p><a href="http://www.pnas.org/content/114/9/E1587">http://www.pnas.org/content/114/9/E1587</a></p>
52.	<p>Signor C, Girardi BA, Lorena Wendel A, Frühauf PK, Pillat MM, Ulrich H, Mello CF, Rubin MA.</p> <p>Spermidine improves the persistence of reconsolidated fear memory and neural differentiation in vitro: Involvement of BDNF.</p> <p>Neurobiol Learn Mem. 2017 Apr;140:82-91. doi: 10.1016/j.nlm.2017.02.013. Epub 2017 Feb 22</p> <p><a href="http://www.sciencedirect.com/science/article/pii/S1074742717300254">http://www.sciencedirect.com/science/article/pii/S1074742717300254</a></p>

53.	<p>Sulca MA, Remuzgo C, Cárdenas J, Kiyota S, Cheng E, Bemquerer MP, Machini MT.</p> <p>Venom of the Peruvian snake <i>Bothriopsis oligolepis</i>: Detection of antibacterial activity and involvement of proteolytic enzymes and C-type lectins in growth inhibition of <i>Staphylococcus aureus</i></p> <p>2017 May 23. DOI information: 10.1016/j.toxicon.2017.05.019 . PubMed Toxicon Volume 134, August 2017, Pages 30–40</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28549866">https://www.ncbi.nlm.nih.gov/pubmed/28549866</a></p>
54.	<p>Torres TEP, Russo LC, Santos A, Marques GR, Magalhaes YT, Tabassum S, Forti FL.</p> <p>Loss of DUSP3 activity radiosensitizes human tumor cell lines via attenuation of DNA repair pathways.</p> <p>Biochim Biophys Acta. 2017 Apr 4. pii: S0304-4165(17)30129-0. doi: 10.1016/j.bbagen.2017.04.004.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28389334">https://www.ncbi.nlm.nih.gov/pubmed/28389334</a></p>
55.	<p>Utiyama AH, Terra WR, Ribeiro AF.</p> <p>The digestive system of the leafhopper <i>Bucephalagonia xanthophis</i> (hemiptera, cicadellidae): the organization of the luminal membrane complex.</p> <p>Journal of Entomological Research. Doi: 10.5958/0974-4576.2016.00059.1</p> <p><a href="http://www.indianjournals.com/ijor.aspx?target=ijor:jer&amp;volume=40&amp;issue=4&amp;article=004">http://www.indianjournals.com/ijor.aspx?target=ijor:jer&amp;volume=40&amp;issue=4&amp;article=004</a></p>

#### OUTRAS PUBLICAÇÕES

#### CAPÍTULOS DE LIVRO

##### **AUGUSTO O, TRUZZI D.**

CO<sub>2</sub> Influence on Hydroperoxide Metabolism. In "Hydrogen Peroxide Metabolism in Health and Disease" (Eds. Margreet C M Vissers, Mark B Hampton, Tony J Kettle). CRC Press, Taylor and Francis Group (Florida), in press.

##### **MORI, MP, SOLTYS, DT AND SOUZA-PINTO, NC.**

Mitochondrial base excision repair. Chapt. 18, In "The Base Excision Repair Pathway: molecular mechanisms and role in disease development and therapeutic design", Wilson, DM Ed, World Scientific Publishing Co., Singapore, 2017

#### ARTIGOS NA MÍDIA

##### **GLAUCIA M. SOUZA**

Entrevista publicada no SciDevNet. Q&A: Boosting Bioenergy in Africa and Latin America. 24/5/17.  
<http://www.scidev.net/global/energy/feature/land-biofuels-foodsecurity-africa-latin-america.html>