

**PUBLICAÇÕES DOS DOCENTES DO DEPARTAMENTO DE BIOQUÍMICA**

**2018**

1.	<p>Abrantes AB, Dias GC, de Souza-Pinto NC, Baptista MS.</p> <p>p53-Dependent and -Independent Responses of Cells Challenged by Photosensitization.</p> <p>Photochem Photobiol. 2018 Sep 21. doi: 10.1111/php.13019.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30240018">https://www.ncbi.nlm.nih.gov/pubmed/30240018</a></p>
2.	<p>Bacellar IOL, Baptista MS, Junqueira HC, Wainwright M, Thalmann F, Marques CM, Schroder AP.</p> <p>Permeability of DOPC bilayers under photoinduced oxidation: Sensitivity to Photosensitizer.</p> <p>Biochim Biophys Acta Biomembr;1860(11):2366-2373. doi: 10.1016/j.bbamem.2018.06.001.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29886032">https://www.ncbi.nlm.nih.gov/pubmed/29886032</a></p>
3.	<p>Bacellar IOL, Oliveira MC, Dantas LS, Costa EB, Junqueira HC, Martins WK, Durantini AM, Cosa G, Di Mascio P, Wainwright M, Miotto R, Cordeiro RM, Miyamoto S, Baptista MS.</p> <p>Photosensitized Membrane Permeabilization Requires Contact-Dependent Reactions between Photosensitizer and Lipids.J. Am. Chem. Soc. 2018, 140, 9606–9615</p> <p>J Am Chem Soc. 2018 Aug 1;140(30):9606-9615. doi: 10.1021/jacs.8b05014.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29989809">https://www.ncbi.nlm.nih.gov/pubmed/29989809</a></p>
4.	<p>Carretero GPB, Vicente EF, Cilli EM, Alvarez CM, Jenssen H, Schreier S.</p> <p>Dissecting the mechanism of action of actinoporins. Role of the N-terminal amphipathic <math>\alpha</math>-helix in membrane binding and pore activity of sticholysins I and II.</p> <p>PLoS One. 2018 Aug 30;13(8):e0202981. doi: 10.1371/journal.pone.0202981.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30161192">https://www.ncbi.nlm.nih.gov/pubmed/30161192</a></p>
5.	<p>Cicuto CA, Pazinato M, Torres BB.</p> <p>Teacging Metabolism with Scientific: A new approach</p> <p>Dói 10.002/bmp.21187</p> <p><a href="https://www.researchgate.net/publication/329202149_Teaching_metabolism_with_scientific_articles_A_new_approach">https://www.researchgate.net/publication/329202149_Teaching_metabolism_with_scientific_articles_A_new_approach</a></p>
6.	<p>Conaty P, Sherman LS, Naaldijk Y, Ulrich H, Stolzing A, Rameshwar P.</p> <p>Methods of Mesenchymal Stem Cell Homing to the Blood-Brain Barrier.</p> <p>Methods Mol Biol. 2018;1842:81-91. doi: 10.1007/978-1-4939-8697-2_6.</p>

	<p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30196403">https://www.ncbi.nlm.nih.gov/pubmed/30196403</a></p>
7.	<p>David CEB, Lucas AMB, Araújo MTS, Coelho BN, Neto JBS, Portela BRC, Varela ALN, Kowaltowski AJ, Facundo HT.</p> <p>Calorie restriction attenuates hypertrophy-induced redox imbalance and mitochondrial ATP-sensitive K<sup>+</sup> channel repression.</p> <p>J Nutr Biochem. 2018 Sep 5;62:87-94. doi: 10.1016/j.jnutbio.2018.08.008.</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0955286318304388">https://www.sciencedirect.com/science/article/pii/S0955286318304388</a></p>
8.	<p>Galuppo MK, de Rezende E, Forti FL, Cortez M, Cruz MC, Teixeira AA, Giordano RJ, Stolf BS.</p> <p>CD100/Sema4D Increases Macrophage Infection by Leishmania (Leishmania) amazonensis in a CD72 Dependent Manner.</p> <p>Front Microbiol. 2018 Jun 5;9:1177. doi: 10.3389/fmicb.2018.01177. eCollection 2018.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29922261">https://www.ncbi.nlm.nih.gov/pubmed/29922261</a></p>
9.	<p>Kowaltowski AJ.</p> <p>Strategies to detect mitochondrial oxidants</p> <p>Redox Biol. 2019 Feb;21:101065. doi: 10.1016/j.redox.2018.101065.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30576921">https://www.ncbi.nlm.nih.gov/pubmed/30576921</a></p>
10.	<p>LS Dantas, AB Chaves Filho, FR Coelho, TC Genaro-Mattos, KA Tallman, Porter NA, Augusto O, Miyamoto S.</p> <p>Cholesterol secosterol aldehyde adduction and aggregation of Cu, Zn-superoxide dismutase: Potential implications in ALS</p> <p>Redox Biol. 2018 Aug 16;19:105-115. doi: 10.1016/j.redox.2018.08.007.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30142602">https://www.ncbi.nlm.nih.gov/pubmed/30142602</a></p>
11.	<p>Magalhães YT, Farias JO, Monteiro LF, Forti FL.</p> <p>Measuring the Contributions of the Rho Pathway to the DNA Damage Response in Tumor Epithelial Cells.</p> <p>Methods Mol Biol. 2018;1821:339-355. doi: 10.1007/978-1-4939-8612-5_23.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30062423">https://www.ncbi.nlm.nih.gov/pubmed/30062423</a></p>
12.	<p>Martí Ruiz MC, Hubbard KE, Gardner MJ, Jung HJ, Aubry S, Hotta CT, Mohd-Noh NI, Robertson FC, Hearn TJ, Tsai YC, Dodd AN, Hannah M, Carré IA, Davies JM, Braam J, Webb AAR.</p> <p>Circadian oscillations of cytosolic free calcium regulate the Arabidopsis circadian clock.</p> <p>Nature Plants. 2018 Sep;4(9):690-698. doi: 10.1038/s41477-018-0224-8.</p>

	<a href="https://www.nature.com/articles/s41477-018-0224-8">https://www.nature.com/articles/s41477-018-0224-8</a>
13.	<p>Martins WK, Santos NF, Rocha CS, Bacellar IOL, Tsubone TM, Viotto AC, Matsukuma AY, Abrantes ABP, Siani P, Dias LG, Baptista MS.</p> <p>Parallel damage in mitochondria and lysosomes is an efficient way to photoinduce cell death Autophagy. 2018 Sep 25:1-21. doi: 10.1080/15548627.2018.1515609.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30176156">https://www.ncbi.nlm.nih.gov/pubmed/30176156</a></p>
14.	<p>Menezes-Filho SL, Amigo I, Luévano-Martínez LA, Kowaltowski AJ.</p> <p>Fasting promotes functional changes in liver mitochondria</p> <p>Biochim Biophys Acta Bioenerg. 2019 Feb 1;1860(2):129-135. doi: 10.1016/j.bbabi.2018.11.017.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30465749">https://www.ncbi.nlm.nih.gov/pubmed/30465749</a></p>
15.	<p>Monteiro LF, Ferruzo PYM, Russo LC, Farias JO, Forti FL.</p> <p>DUSP3/VHR: A Druggable Dual Phosphatase for Human Diseases.</p> <p>Rev Physiol Biochem Pharmacol. 2018 Aug 2. doi: 10.1007/112_2018_12.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30069819">https://www.ncbi.nlm.nih.gov/pubmed/30069819</a></p>
16.	<p>Mora Salguero DA, Fernández-Niño M, Serrano-Bermúdez LM, Páez Melo DO, Winck FV, Caldana C, González Barrios AF.</p> <p>Development of a Chlamydomonas reinhardtii metabolic network dynamic model to describe distinct phenotypes occurring at different CO2 levels</p> <p>PeerJ. 2018 Sep 3;6:e5528. doi: 10.7717/peerj.5528.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30202653">https://www.ncbi.nlm.nih.gov/pubmed/30202653</a></p>
17.	<p>Moraes TBF, Schimdt MRFA, Bacani R, Weber G, Politi MJ, Castanheira B, Brochsztain S, Silva FA, Demets GJF, Triboni ER.</p> <p>Polysilsesquioxane naphthalenediimide thermo and photochromic gels.</p> <p>doi.org/10.1016/j.jlumin.2018.08.036</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0022231318303314">https://www.sciencedirect.com/science/article/pii/S0022231318303314</a></p>
18.	<p>Pena DA, Duarte ML, Pramio DT, Devi LA, Schechtman D.</p> <p>Exploring Morphine-Triggered PKC-Targets and Their Interaction with Signaling Pathways Leading to Pain via TrkA</p> <p>Proteomes 2018, 6(4), 39; <a href="https://doi.org/10.3390/proteomes6040039">https://doi.org/10.3390/proteomes6040039</a></p> <p><a href="https://www.mdpi.com/2227-7382/6/4/39">https://www.mdpi.com/2227-7382/6/4/39</a></p>

19.	<p>Pena DA, Pacheco DMV, Oliveira PSL, Alves MJM, Schechtman D</p> <p>Generating Conformation-Specific Polyclonal and Monoclonal Anti-Protein Kinase C Antibodies and Anti-Active State Specific PKC Antibodies.</p> <p>Curr Protoc Chem Biol. 2018 Jun;10(2):e42. doi: 10.1002/cpch.42. Epub 2018 Jun 12.</p> <p><a href="https://currentprotocols.onlinelibrary.wiley.com/doi/abs/10.1002/cpch.42">https://currentprotocols.onlinelibrary.wiley.com/doi/abs/10.1002/cpch.42</a></p>
20.	<p>Rohani L, Johnson AA, Naghsh P, Rancourt DE, Ulrich H, Holland H.</p> <p>Molecular Cytogenetics and Quality Control: Clinical Guardians for Pluripotent Stem Cells.</p> <p>Stem Cells Transl Med. 2018 Sep 14. doi: 10.1002/sctm.18-0087.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30218497">https://www.ncbi.nlm.nih.gov/pubmed/30218497</a></p>
21.	<p>Rossi L, amaceno RJP, Freire IL, Bechara EJH, Mena-Chalco JP.</p> <p>Topological metrics in academic genealogy graphs.</p> <p>doi.org/10.1016/j.joi.2018.08.004</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S1751157718300750?dgcid=rss_sd_all">https://www.sciencedirect.com/science/article/pii/S1751157718300750?dgcid=rss_sd_all</a></p>
22.	<p>Russo LC, Farias JO, Ferruzo PYM, Monteiro LF, Forti FL.</p> <p>Revisiting the roles of VHR/DUSP3 phosphatase in human diseases.</p> <p>Clinics (Sao Paulo). 2018 Sep 6;73(suppl 1):e466s. doi: 10.6061/clinics/2018/e466s.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6113852/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6113852/</a></p>
23.	<p>Santacruz-Perez C, Tonolli PN, Ravagnani FG, Baptista MS.</p> <p>Photochemistry of Lipofuscin and the Interplay of UVA and Visible Light in Skin Photosensitivity.</p> <p>DOI: 10.5772/intechopen.76641</p> <p><a href="http://dx.doi.org/10.5772/intechopen.76641">http://dx.doi.org/10.5772/intechopen.76641</a></p>
24.	<p>Sgro GG, Costa TRD, Cenens W, Souza DP, Cassago A, Oliveira LC, Salinas RK, Portugal RV, Farah CS, Waksman G.</p> <p>Cryo-EM structure of the bacteria-killing type IV secretion system core complex from <i>Xanthomonas citri</i></p> <p>Nature Microbiology, volume 3, pages1429–1440 (2018)</p> <p><a href="https://www.nature.com/articles/s41564-018-0262-z">https://www.nature.com/articles/s41564-018-0262-z</a></p>
25.	<p>Silva RP, Carvalho LAC, Patricio ES, Bonifacio JPP, Chaves-Filho AB, Miyamoto S, Meotti FC.</p> <p>Identification of urate hydroperoxide in neutrophils: A novel pro-oxidant generated in inflammatory conditions</p> <p>Free Radic Biol Med. 2018 Oct;126:177-186. doi: 10.1016/j.freeradbiomed.2018.08.011.</p>

	<a href="https://www.ncbi.nlm.nih.gov/pubmed/30118829">https://www.ncbi.nlm.nih.gov/pubmed/30118829</a>
26.	<p>Soltys DT, Pereira CPM, Rowies FT, Farfel JM, Grinberg LT, Suemoto CK, Leite REP, Rodriguez RD, Ericson NG, Bielas JH, Souza-Pinto NS.</p> <p>Lower mitochondrial DNA content but not increased mutagenesis associate with decreased base excision repair activity in brains from AD subjects.</p> <p><a href="https://doi.org/10.1016/j.neurobiolaging.2018.09.015">https://doi.org/10.1016/j.neurobiolaging.2018.09.015</a></p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0197458018303403?dgcid=rss_sd_all">https://www.sciencedirect.com/science/article/pii/S0197458018303403?dgcid=rss_sd_all</a></p>
27.	<p>Teng YD, Wang L, Kabatas S, Ulrich H, Zafonte RD.</p> <p>Cancer Stem Cells or Tumor Survival Cells?</p> <p>Stem Cells Dev. 2018 Sep 25. doi: 10.1089/scd.2018.0129.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30092726">https://www.ncbi.nlm.nih.gov/pubmed/30092726</a></p>
28.	<p>Vasconcelos EJR, Mesel VC, daSilva LF, Pires DS, Lavezzo GM, Pereira ASA, Amaral MS, Verjovski-Almeida S.</p> <p>Atlas of <i>Schistosoma mansoni</i> long non-coding RNAs and their expression correlation to protein-coding genes.</p> <p>doi.org/10.1093/database/bay068. PMID: 29992321</p> <p><a href="https://academic.oup.com/database/article/doi/10.1093/database/bay068/5051101">https://academic.oup.com/database/article/doi/10.1093/database/bay068/5051101</a></p>
29.	<p>Vercesi AE, Castilho RF, Kowaltowski AJ, de Oliveira HCF, de Souza-Pinto NC, Figueira TR, Busanello ENB.</p> <p>Mitochondrial calcium transport and the redox nature of the calcium-induced membrane permeability transition.</p> <p>Free Radic Biol Med. 2018 Aug 31;129:1-24.</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0891584918309742">https://www.sciencedirect.com/science/article/pii/S0891584918309742</a></p>
30.	<p>Wailemann RA1, Terra LF1, Oliveira TC1, Dos Santos AF1, Gomes VM1, Labriola L2.</p> <p>Heat shock protein B1 is required for the prolactin-induced cytoprotective effects on pancreatic islets.</p> <p>Mol Cell Endocrinol. 2018 Dec 5;477:39-47. doi: 10.1016/j.mce.2018.05.013.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29792912">https://www.ncbi.nlm.nih.gov/pubmed/29792912</a></p>

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31.	<p>Almeida VM, Frutuoso MA, Marana SR.</p> <p>Search for independent (<math>\beta/\alpha</math>)<sub>4</sub> subdomains in a (<math>\beta/\alpha</math>)<sub>8</sub> barrel <math>\beta</math>-glucosidase.</p> <p>Plos/one, Search for independent. Dói.org/10.1371/journal.pone.0191282</p>
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	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0191282">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0191282</a>
32.	<p>Alsabeeh N, Chausse B, Kakimoto PA, Kowaltowski AJ, Shirihai O.</p> <p>Cell culture models of fatty acid overload: Problems and solutions.</p> <p>Biochim Biophys Acta. 2018 Feb;1863(2):143-151.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29155055">https://www.ncbi.nlm.nih.gov/pubmed/29155055</a></p>
33.	<p>Amgarten D., Braga LPP, da Silva AM, Setubal JC.</p> <p>MARVEL, a Tool for Prediction of Bacteriophage Sequences in Metagenomic Bins.</p> <p>Front. Genet., 07 August 2018. doi.org/10.3389/fgene.2018.00304.</p> <p><a href="https://www.frontiersin.org/articles/10.3389/fgene.2018.00304/full">https://www.frontiersin.org/articles/10.3389/fgene.2018.00304/full</a></p>
34.	<p>Bayer-Santos E, Lima LDP, Ceseti LM, Ratagami CY, de Santana ES, da Silva AM, Farah CS, Alvarez-Martinez CE.</p> <p><i>Xanthomonas citri</i> T6SS mediates resistance to <i>Dictyostelium</i> predation and is regulated by a ECF factor and cognate Ser/Thr kinase</p> <p>Environmental Microbiology (2018) 00(00), 00–00. doi:10.1111/1462-2920.14085</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29488354">https://www.ncbi.nlm.nih.gov/pubmed/29488354</a></p>
35.	<p>Bottari NB, Schetinger MRC, Pillat MM, Palma TV, Ulrich H, Alves MS, Morsch VM, Melazzo C, de Barros LD, Garcia JL, Da Silva AS.</p> <p>Resveratrol as a Therapy to Restore Neurogenesis of Neural Progenitor Cells Infected by <i>Toxoplasma gondii</i>.</p> <p>Mol Neurobiol. 2018 Jul 19. doi: 10.1007/s12035-018-1180-z.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30027338">https://www.ncbi.nlm.nih.gov/pubmed/30027338</a></p>
36.	<p>Braga LPP, Soucy SM, Amgarten D., Da Silva AM, Setubal JC.</p> <p>Bacterial diversification in the light of the interactions with phages: the genetic symbionts and their role in ecological speciation.</p> <p>Frontiers in Ecology and Evolution, section Population and Evolutionary Dynamics. doi.org/10.3389/fevo.2018.00006, 2018.</p> <p><a href="https://www.frontiersin.org/articles/10.3389/fevo.2018.00006/full">https://www.frontiersin.org/articles/10.3389/fevo.2018.00006/full</a></p>
37.	<p>Braga, TT, Correa-Costa M, Silva RC, Cruz MC, Hiyane MI, da Silva JS, Perez KR, Cuccovia IM, Camara NCS.</p> <p>Inflammopharmacology. April 2018, Volume 26, Issue 2, pp 403–411  </p> <p>CCR2 contributes to the recruitment of monocytes and leads to kidney inflammation and fibrosis</p>

	<p>development. <i>Inflammopharmacology</i>, 26, 403-411, 2018.</p> <p><a href="https://link.springer.com/article/10.1007/s10787-017-0317-4">https://link.springer.com/article/10.1007/s10787-017-0317-4</a></p>
38.	<p>Brash DE, Goncalves LCP, Bechara EJJ.</p> <p>Chemiexcitation and Its Implications for Disease</p> <p>doi.org/10.1016/j.molmed.2018.04.004</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S1471491418300819">https://www.sciencedirect.com/science/article/pii/S1471491418300819</a></p>
39.	<p>Caires-Júnior LC, Goulart E, Melo US, Araujo BSH, Alvizi L, Soares-Schanoski A, de Oliveira DF, Kobayashi GS, Griesi-Oliveira K, Musso CM, Amaral MS, daSilva LF, Astray RM, Suárez-Patiño SF, Ventini DC, Gomes da Silva S, Yamamoto GL, Ezquina S, Naslavsky MS, Telles-Silva KA, Weinmann K, van der Linden V, van der Linden H, de Oliveira JMR, Arrais NRM, Melo A, Figueiredo T, Santos S, Meira JCG, Passos SD, de Almeida RP, Bispo AJB, Cavalheiro EA, Kalil J, Cunha-Neto E, Nakaya H, Andreatta-Santos R, de Souza Ferreira LC, Verjovski-Almeida S, Ho PL, Passos-Bueno MR, Zatz M.</p> <p>Discordant congenital Zika syndrome twins show differential in vitro viral susceptibility of neural progenitor cells.</p> <p>Nat Commun. 2018 Feb 2;9(1):475. doi: 10.1038/s41467-017-02790-9.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29396410">https://www.ncbi.nlm.nih.gov/pubmed/29396410</a></p>
40.	<p>Carretero GPB, Saraiva GKV, Cauz ACG, Rodrigues MA, Kiyota S, Riske KA, Dos Santos AA, Pinatto-Botelho MF, Bemquerer MP, Gueiros-Filho FJ, Chaimovich H, Schreier S, Cuccovia IM.</p> <p>Synthesis, biophysical and functional studies of two BP100 analogues modified by a hydrophobic chain and a cyclic peptide.</p> <p>Biochim Biophys Acta. 2018 Aug;1860(8):1502-1516. doi: 10.1016/j.bbamem.2018.05.003. Epub 2018 May 9.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29750913">https://www.ncbi.nlm.nih.gov/pubmed/29750913</a></p>
41.	<p>Carvalho LAC, Lopes JPPB, Kaihami GH, Silva RP, Bruni-Cardoso A, Baldini RL, Meotti FC.</p> <p>Uric acid disrupts hypochlorous acid production and the bactericidal activity of HL-60 cells</p> <p>Redox Biol. 2018 Mar 1;16:179-188. doi: 10.1016/j.redox.2018.02.020.</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S221323171830034X?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S221323171830034X?via%3Dihub</a></p>
42.	<p>Carvalho VH, Oliveira AHS, de Oliveira LF, da Silva RP, Di Mascio P, Gualano B, Artioli GG, Medeiros MHG.</p> <p>Exercise and <math>\beta</math>-alanine supplementation on carnosine-acrolein adduct in skeletal muscle.</p> <p>Redox Biol. 2018 Jul 18;18:222-228. doi: 10.1016/j.redox.2018.07.009</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30053728">https://www.ncbi.nlm.nih.gov/pubmed/30053728</a></p>
43.	<p>Castanheira B, Triboni ER, Andrade LDS, Trindade FJ, Otubo L, Teixeira ACSC, Politi MJ, de Queiroz TB,</p>

	<p>Brochsztain S.</p> <p>Synthesis of Novel Periodic Mesoporous Organosilicas Containing 1,4,5,8-Naphthalenediimides within the Pore Walls and Their Reduction To Generate Wall-Embedded Free Radicals.</p> <p>Langmuir. 2018 Jul 17;34(28):8195-8204. doi: 10.1021/acs.langmuir.8b00220.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29909638">https://www.ncbi.nlm.nih.gov/pubmed/29909638</a></p>
44.	<p>Circadian Entrainment in Arabidopsis by the Sugar-Responsive Transcription Factor bZIP63.</p> <p>Frank A, Matioli CC, Viana AJC, Hearn TJ, Kusakina J, Belbin FE, Wells Newman D, Yochikawa A, Cano-Ramirez DL4, Chembath A, Cragg-Barber K, Haydon MJ, Hotta CT, Vincentz M, Webb AAR, Dodd AN.</p> <p>Curr Biol. 2018 Jul 19. pii: S0960-9822(18)30762-0. doi: 10.1016/j.cub.2018.05.092.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30078562">https://www.ncbi.nlm.nih.gov/pubmed/30078562</a></p>
45.	<p>Contesini FJ, Liberato MV, Rubio MV, Calzado F, Zubieta MP, Riaño-Pachón DM, Squina FM, Bracht F, Skaf MS, Damasio AR.</p> <p>Structural and functional characterization of a highly secreted <math>\alpha</math>-l-arabinofuranosidase (GH62) from <i>Aspergillus nidulans</i> grown on sugarcane bagasse.</p> <p>Biochim Biophys Acta. 2017 Dec;1865(12):1758-1769. doi: 10.1016/j.bbapap.2017.09.001. Epub 2017 Sep 8.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28890404">https://www.ncbi.nlm.nih.gov/pubmed/28890404</a></p>
46.	<p>Crisafulli U, Xavier AM, dos Santos FB, Cambiaghi TD, Chang SY, Porcionatto M, Castilho BA, Malnic B, Glezer I.</p> <p>Topical Dexamethasone Administration Impairs Protein Synthesis and Neuronal Regeneration in the Olfactory Epithelium.</p> <p>Front. Mol. Neurosci., 06 March 2018. doi.org/10.3389/fnmol.2018.00050</p> <p><a href="https://www.frontiersin.org/articles/10.3389/fnmol.2018.00050/full">https://www.frontiersin.org/articles/10.3389/fnmol.2018.00050/full</a></p>
47.	<p>da Silva AC, Semeano ATS, Dourado AHB, Ulrich H, Cordoba de Torresi SI.</p> <p>Novel Conducting and Biodegradable Copolymers with Noncytotoxic Properties toward Embryonic Stem Cells.</p> <p>ACS Omega, 2018, 3 (5), pp 5593–5604. DOI: 10.1021/acsomega.8b00510</p> <p><a href="https://pubs.acs.org/doi/10.1021/acsomega.8b00510">https://pubs.acs.org/doi/10.1021/acsomega.8b00510</a></p>
48.	<p>Damasceno FC, Condeles AL, Lopes AKB, Facci RR, Linares E, Truzzi DR, Augusto O, Toledo JC Jr.</p> <p>The labile iron pool attenuates peroxynitrite-dependent damage and can no longer be considered solely a pro-oxidative cellular iron source.</p> <p>J Biol Chem. 2018 Apr 16. pii: jbc.RA117.000883. doi: 10.1074/jbc.RA117.000883.</p>



	<p><a href="http://www.jbc.org/content/early/2018/04/16/jbc.RA117.000883.abstract">http://www.jbc.org/content/early/2018/04/16/jbc.RA117.000883.abstract</a></p>
49.	<p>daSilva LF, Beckedorff FC, Ayupe AC, Amaral MS, Mesel V, Videira A, Reis EM, Setubal JC, Verjovski-Almeida S.</p> <p>Chromatin landscape distinguishes the genomic loci of hundreds of androgen-receptor-associated lincRNAs from the loci of non-associated lincRNAs.</p> <p>Front. Genet. 2018 9:132. doi.org/10.3389/fgene.2018.00132</p> <p><a href="https://www.frontiersin.org/articles/10.3389/fgene.2018.00132/full">https://www.frontiersin.org/articles/10.3389/fgene.2018.00132/full</a></p>
50.	<p>de Almeida-Pereira L, Repposi MG, Magalhães CF, Azevedo RF, Corrêa-Velloso JDC, Ulrich H, Ventura ALM, Fragel-Madeira L.</p> <p>P2Y12 but not P2Y13 Purinergic Receptor Controls Postnatal Rat Retinogenesis In Vivo.</p> <p>Mol Neurobiol. 2018 Mar 25. doi: 10.1007/s12035-018-1012-1.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29574630">https://www.ncbi.nlm.nih.gov/pubmed/29574630</a></p>
51.	<p>de Andrade A, de Oliveira CE, Dourado MR, Macedo C, Winck FV, Paes Leme AF, Salo T, Coletta RD, de Almeida Freitas R, Galvão HC.</p> <p>Extracellular vesicles from oral squamous carcinoma cells display pro- and anti-angiogenic properties.</p> <p>Oral Dis. 2018 Jul;24(5):725-731. doi: 10.1111/odi.12765. Epub 2018 Apr 17.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28887832">https://www.ncbi.nlm.nih.gov/pubmed/28887832</a></p>
52.	<p>de Gouvêa PF, Bernardi AV, Gerolamo LE, de Souza Santos E, Riaño-Pachón DM, Uyemura SA, Dinamarco TM.</p> <p>Transcriptome and secretome analysis of <i>Aspergillus fumigatus</i> in the presence of sugarcane bagasse</p> <p>BMC Genomics 2018;19:232. Doi.org/10.1186/s12864-018-4627-8</p> <p><a href="https://bmcbgenomics.biomedcentral.com/articles/10.1186/s12864-018-4627-8">https://bmcbgenomics.biomedcentral.com/articles/10.1186/s12864-018-4627-8</a></p>
53.	<p>Fernandes M, Valente SG, Sabongi RG, Gomes Dos Santos JB, Leite VM, Ulrich H, Nery AA, da Silva Fernandes MJ.</p> <p>Bone marrow-derived mesenchymal stem cells versus adipose-derived mesenchymal stem cells for peripheral nerve regeneration.</p> <p>Neural Regen Res. 2018 Jan;13(1):100-104. doi: 10.4103/1673-5374.224378.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29451213">https://www.ncbi.nlm.nih.gov/pubmed/29451213</a></p>
54.	<p>Fiore APZP, Ribeiro PF, Bruni-Cardoso A.</p> <p>Sleeping Beauty and the Microenvironment Enchantment: Microenvironmental Regulation of the Proliferation-Quiescence Decision in Normal Tissues and in Cancer Development</p>

	<p>Front. Cell Dev. Biol., 07 June 2018. <a href="https://doi.org/10.3389/fcell.2018.00059">https://doi.org/10.3389/fcell.2018.00059</a></p> <p><a href="https://www.frontiersin.org/articles/10.3389/fcell.2018.00059/full">https://www.frontiersin.org/articles/10.3389/fcell.2018.00059/full</a></p>
55.	<p>Florindo RN, Souza VP, Manzine LR, Camilo CM, Marana SR, Polikarpov I, Nascimento AS.</p> <p>Structural and biochemical characterization of a GH3 <math>\beta</math>-glucosidase from the probiotic bacteria <i>Bifidobacterium adolescentis</i></p> <p>Biochimie. 2018 May;148:107-115. doi: 10.1016/j.biochi.2018.03.007.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29555372">https://www.ncbi.nlm.nih.gov/pubmed/29555372</a></p>
56.	<p>França RT, Pillat MM, da Silva CB, Schafer AS, Dornelles GL, Costa MM, Chaves RO, de Andrade CM, Erhardt MM, Antoziazzi AQ, Ulrich H, da Silva AS, Lopes STDA.</p> <p>Surface immunoglobulins of erythrocytes and platelets in dogs naturally infected by <i>Rangelia vitalii</i>.</p> <p>Microb Pathog. 2018 May 23;121:245-251. doi: 10.1016/j.micpath.2018.05.036.</p> <p><a href="https://www.frontiersin.org/articles/10.3389/fphar.2018.00500/full">https://www.frontiersin.org/articles/10.3389/fphar.2018.00500/full</a></p>
57.	<p>Frühau-Perez PK, Temp FR, Pillat MM, Signor C, Wendel AL, Ulrich H, Mello CF, Rubin MA.</p> <p>Spermine protects from LPS-induced memory deficit via BDNF and TrkB activation.</p> <p>Neurobiol Learn Mem. 2018 Feb 16;149:135-143. doi: 10.1016/j.nlm.2018.02.012.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29458098">https://www.ncbi.nlm.nih.gov/pubmed/29458098</a></p>
58.	<p>Galuppo MK, de Rezende E, Forti FL, Cortez M, Cruz MC, Teixeira AA, Giordano RJ, Stolf BS.</p> <p>CD100/Sema4D Increases Macrophage Infection by <i>Leishmania (Leishmania) amazonensis</i> in a CD72 Dependent Manner.</p> <p>Front Microbiol. 2018 Jun 5;9:1177. doi: 10.3389/fmicb.2018.01177.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29922261">https://www.ncbi.nlm.nih.gov/pubmed/29922261</a></p>
59.	<p>Gomes-Vieira AL, Wideman JG, Paes-Vieira L, Gomes SL, Richards TA, Meyer-Fernandes JR.</p> <p>Evolutionary conservation of a core fungal phosphate homeostasis pathway coupled to development in <i>Blastocladiella emersonii</i>.</p> <p>Fungal Genet Biol. 2018 Apr 5;115:20-32. doi: 10.1016/j.fgb.2018.04.004.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29627365">https://www.ncbi.nlm.nih.gov/pubmed/29627365</a></p>
60.	<p>Gonçalves MCB, Corrêa-Velloso J, Naaldijk Y, Cheffer A, Ulrich H.</p> <p>Purinergic modulation of pathways associated to suicidal behavior.</p> <p>Mol Psychiatry. 2018 Jun 11. doi: 10.1038/s41380-018-0088-3.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29892056">https://www.ncbi.nlm.nih.gov/pubmed/29892056</a></p>

61.	<p>Griesi-Oliveira K, Suzuki AM, Alves AY, Mafra ACCN, Yamamoto GL, Ezquina S, Magalhães YT, Forti FL, Sertie AL, Zachi EC, Vadasz E, Passos-Bueno MR.</p> <p>Actin cytoskeleton dynamics in stem cells from autistic individuals.</p> <p>Sci Rep. 2018 Jul 24;8(1):11138. doi: 10.1038/s41598-018-29309-6.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30042445">https://www.ncbi.nlm.nih.gov/pubmed/30042445</a></p>
62.	<p>Ingold I, Berndt C, Schmitt S, Doll S, Poschmann G, Buday K, Roveri A, Peng X, Porto Freitas F, Seibt T, Mehr L, Aichler M, Walch A, Lamp D, Jastroch M, Miyamoto S, Wurst W, Ursini F, Arnér ESJ, Fradejas-Villar N, Schweizer U, Zischka H, Friedmann Angeli JP, Conrad M.</p> <p>Selenium Utilization by GPX4 Is Required to Prevent Hydroperoxide-Induced Ferroptosis.</p> <p>Cell. 2018 Jan 25;172(3):409-422.e21. doi: 10.1016/j.cell.2017.11.048. Epub 2017 Dec 28.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/?term=Selenium+Utilization+by+GPX4+Is+Required+to+Prevent+Hydroperoxide-Induced+Ferroptosis">https://www.ncbi.nlm.nih.gov/pubmed/?term=Selenium+Utilization+by+GPX4+Is+Required+to+Prevent+Hydroperoxide-Induced+Ferroptosis</a></p>
63.	<p>Jedlicka LDL, Silva JC, Balbino AM, Neto GB, Furtado DZS, da Silva HDT, Cavalcanti FBC, van der Heijden KM, Penatti CAA, Bechara EJH, Assunção NA.</p> <p>Effects of Diacetyl Flavoring Exposure in Mice Metabolism.</p> <p>BioMed Research International. Volume 2018, Article ID 9875319, 11 pages.</p> <p>Doi.org/10.1155/2018/9875319</p> <p><a href="https://www.hindawi.com/journals/bmri/2018/9875319/">https://www.hindawi.com/journals/bmri/2018/9875319/</a></p>
64.	<p>José Goldemberg J, Souza GM, Maciel-Filho R, Cantarella H.</p> <p>Scaling up biofuels? A critical look at expectations performance and governance</p> <p>doi.org/10.1016/j.enpol.2018.03.061</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S0301421518301940">https://www.sciencedirect.com/science/article/pii/S0301421518301940</a></p>
65.	<p>Lambelet M, Terra LF, Fukaya M, Meyerovich K, Labriola L, Cardozo AK, Allagnat F.</p> <p>Dysfunctional autophagy following exposure to pro-inflammatory cytokines contributes to pancreatic <math>\beta</math>-cell apoptosis.</p> <p>Cell Death Dis. 2018 Jan 24;9(2):96. doi: 10.1038/s41419-017-0121-5.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29367588">https://www.ncbi.nlm.nih.gov/pubmed/29367588</a></p>
	<p>Leme Silva AG, Nagai MH, Malnic B.</p> <p>Fluorescence-Activated Cell Sorting of Olfactory Sensory Neuron Subpopulations.</p> <p>Methods Mol Biol. 2018;1820:69-76. doi: 10.1007/978-1-4939-8609-5_6.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29884938">https://www.ncbi.nlm.nih.gov/pubmed/29884938</a></p>

66.	<p>Maltez Thomas A, Prata Lima F, Maria Silva Moura L, Maria da Silva A, Dias-Neto E, Setubal JC.</p> <p>Comparative Metagenomics.</p> <p>Methods in Molecular Biology, v. 1704. Springer New York, 2018, p. 243-260.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29277868">https://www.ncbi.nlm.nih.gov/pubmed/29277868</a></p>
67.	<p>Mello BL, Alessi AM, Riaño-Pachón DM, deAzevedo ER, Guimarães FEG, Espírito Santo MC, McQueen-Mason S, Bruce NC, Polikarpov I.</p> <p>Targeted metatranscriptomics of compost-derived consortia reveals a GH11 exerting an unusual exo-1,4-<math>\beta</math>-xylanase activity.</p> <p>Biotechnology for Biofuels 2017;10:254. Doi.org/10.1186/s13068-017-0944-4</p> <p><a href="https://biotechnologyforbiofuels.biomedcentral.com/articles/10.1186/s13068-017-0944-4">https://biotechnologyforbiofuels.biomedcentral.com/articles/10.1186/s13068-017-0944-4</a></p>
68.	<p>Miotto Alessio V, Cavaçana N, Lane de Barros Dantas L, Lee N, Takeshi Hotta C, Imaizumi T, Menossi M.</p> <p>The FBH family of bHLH transcription factors controls ACC synthase expression in sugarcane</p> <p>J Exp Bot. 2018 Mar 3. doi: 10.1093/jxb/ery083.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29514290">https://www.ncbi.nlm.nih.gov/pubmed/29514290</a></p>
69.	<p>Nunes-Alves A e Arantes GM.</p> <p>Mechanical Unfolding of Macromolecules Coupled to Bond Dissociation</p> <p>J. Chem. Theory Comput. 14, 282-290, 2018. DOI: <a href="http://dx.doi.org/10.1021/acs.jctc.7b00805">http://dx.doi.org/10.1021/acs.jctc.7b00805</a></p> <p><a href="https://pubs.acs.org/doi/abs/10.1021/acs.jctc.7b00805">https://pubs.acs.org/doi/abs/10.1021/acs.jctc.7b00805</a></p>
70.	<p>Nunes-Alves A., Zuckerman DM, Arantes GM.</p> <p>Escape of a Small Molecule from Inside T4 Lysozyme by Multiple Pathways</p> <p>Biophysical Journal 114, 1-9, 2018.</p> <p><a href="https://doi.org/10.1016/j.bpj.2018.01.014">https://doi.org/10.1016/j.bpj.2018.01.014</a></p>
71.	<p>Oliveira MN, Pillat MM, Motaln H, Ulrich H, Lah TT.</p> <p>Kinin-B1 Receptor Stimulation Promotes Invasion and is Involved in Cell-Cell Interaction of Co-Cultured Glioblastoma and Mesenchymal Stem Cells.</p> <p>Sci Rep. 2018 Jan 22;8(1):1299. doi: 10.1038/s41598-018-19359-1.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29358738">https://www.ncbi.nlm.nih.gov/pubmed/29358738</a></p>
72.	<p>Oliveira-Giacomelli Á, Naaldijk Y, Sardá-Arroyo L, Gonçalves MCB, Corrêa-Velloso J, Pillat MM, de Souza HDN, Ulrich H.</p> <p>Purinergic Receptors in Neurological Diseases With Motor Symptoms: Targets for Therapy.</p>

	<p>Front Pharmacol. 2018 Apr 10;9:325. doi: 10.3389/fphar.2018.00325</p> <p><a href="https://www.frontiersin.org/articles/10.3389/fphar.2018.00325/full">https://www.frontiersin.org/articles/10.3389/fphar.2018.00325/full</a></p>
73.	<p>Patané JSL, Martins Jr J, Setubal JC.</p> <p>Phylogenomics.</p> <p>Methods in Molecular Biology, v. 1704. Springer New York, 2018, p. 103-187.</p> <p><a href="https://link.springer.com/protocol/10.1007/978-1-4939-7463-4_5">https://link.springer.com/protocol/10.1007/978-1-4939-7463-4_5</a></p>
74.	<p>Pereira RL, Nascimento IC, Santos AP, Ogusuku IEY, Lameu C, Mayer G, Ulrich H.</p> <p>Aptamers: novelty tools for cancer biology.</p> <p>Oncotarget. 2018 Jun 1;9(42):26934-26953. doi: 10.18632/oncotarget.25260.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29928493">https://www.ncbi.nlm.nih.gov/pubmed/29928493</a></p>
75.	<p>Pereira-Leite C, Nunes C, Bozelli JC Jr, Schreier S, Kamma-Lorger CS, Cuccovia IM, Reis S.</p> <p>Can NO-indomethacin counteract the topical gastric toxicity induced by indomethacin interactions with phospholipid bilayers?</p> <p>Colloids Surf B Biointerfaces. 2018 May 23;169:375-383. doi: 10.1016/j.colsurfb.2018.05.019.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29803153">https://www.ncbi.nlm.nih.gov/pubmed/29803153</a></p>
76.	<p>Pereira-Leite C, Nunes C, Grahl D, Bozelli JC, Schreier S, Kamma-Lorger CS, Cuccovia IM, Reis S.</p> <p>Acemetacin–Phosphatidylcholine Interactions Are Determined by The Drug Ionization State.</p> <p>Phys Chem Chem Phys. 2018 May 30;20(21):14398-14409. doi: 10.1039/c8cp01698d.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29770409">https://www.ncbi.nlm.nih.gov/pubmed/29770409</a></p>
77.	<p>Pimentel AC, Barroso IG, Ferreira JMJ, Dias RO, Ferreira C, Terra WR.</p> <p>Molecular machinery of starch digestion and glucose absorption along the midgut of <i>Musca domestica</i>.</p> <p>Journal of Insect Physiology. 24 May 2018, 109:11-20. Doi: 10.1016/j.jinsphys.2018.05.009.</p> <p><a href="https://europepmc.org/abstract/med/29803861">https://europepmc.org/abstract/med/29803861</a></p>
78.	<p>Prates Mori M, de Souza-Pinto NC.</p> <p>Role of mitochondrial dysfunction in the pathophysiology of DNA repair disorders.</p> <p>Cell Biol Int. 2017 Dec 22. doi: 10.1002/cbin.10917.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29271530">https://www.ncbi.nlm.nih.gov/pubmed/29271530</a></p>
79.	<p>Rabachini T, Boccardo E, Andrade R, Perez KR, Nonogaki S, Cuccovia IM, Villa LL.</p> <p>HPV-16 E7 expression up-regulates phospholipase D activity and promotes rapamycin resistance in a</p>

	<p>pRB-dependent manner.</p> <p>BMC Cancer. 2018 Apr 27;18(1):485. doi: 10.1186/s12885-018-4392-8.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29703186">https://www.ncbi.nlm.nih.gov/pubmed/29703186</a></p>
80.	<p>Riaño-Pachón DM, Mattiello L.</p> <p>Draft genome sequencing of the sugarcane hybrid SP80-3280.</p> <p>Published online 2017 Jul 3. doi: 10.12688/f1000research.11859.2</p> <p><a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5499785/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5499785/</a></p>
81.	<p>Sanchez AB, Garcia CCM, Freitas FP, Batista GL, Lopes FS, Carvalho VH, Ronsein GE, Gutz IGR, Di Mascio P, Medeiros MHG.</p> <p>DNA Adduct Formation in the Lungs and Brain of Rats Exposed to Low Concentrations of [<sup>13</sup>C<sub>2</sub>]-Acetaldehyde.</p> <p>Chem Res Toxicol. 2018 May 21;31(5):332-339. doi: 10.1021/acs.chemrestox.8b00016.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29707942">https://www.ncbi.nlm.nih.gov/pubmed/29707942</a></p>
82.	<p>Santana MS, Nascimento KP, Lotufo PA, Benseñor IM, Meotti FC.</p> <p>Allantoin as na independent marker associated with carotid intima-media thickness in subclinical atherosclerosis</p> <p>Braz J Med Biol Res. 2018;51(8):e7543. doi: 10.1590/1414-431x20187543.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29924138">https://www.ncbi.nlm.nih.gov/pubmed/29924138</a></p>
83.	<p>Schuetz C, Anazawa T, Cross SE, Labriola L, Meier RPH, Redfield RR, Scholz H, Stock PG, Zammit NW; IPITA YIC Young Investigator Committee.</p> <p>β Cell Replacement Therapy: The Next 10 Years.</p> <p>Transplantation. 2018 Feb;102(2):215-229. doi: 10.1097/TP.0000000000001937.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/28885496">https://www.ncbi.nlm.nih.gov/pubmed/28885496</a></p>
84.	<p>Segal FM, Correa MF, Bacani R, Castanheira B, Politi MJ, Brochsztain S, Triboni ER.</p> <p>A novel synthesis route of mesoporous γ-alumina from polyoxohydroxide aluminum</p> <p>Mat. Res., ahead of print Epub Jan 22, 2018. doi.org/10.1590/1980-5373-mr-2017-0674</p> <p><a href="http://www.scielo.br/scielo.php?pid=S1516-14392018005004109&amp;script=sci_arttext">http://www.scielo.br/scielo.php?pid=S1516-14392018005004109&amp;script=sci_arttext</a></p>
85.	<p>Setubal JC, Stadler PF.</p> <p>Gene Phylogenies and Orthologous Groups.</p> <p>Methods in Molecular Biology, v. 1704. Springer New York, 2018, p. 1-28.</p>

	<a href="https://www.ncbi.nlm.nih.gov/pubmed/29277861">https://www.ncbi.nlm.nih.gov/pubmed/29277861</a>
86.	<p>Setubal, JC, Almeida NF, Wattam AR.</p> <p>Comparative Genomics for Prokaryotes.</p> <p>Methods in Molecular Biology, v. 1704. Springer New York, 2018, p. 55-78.</p> <p><a href="https://link.springer.com/protocol/10.1007/978-1-4939-7463-4_3">https://link.springer.com/protocol/10.1007/978-1-4939-7463-4_3</a></p>
87.	<p>Souza VP, Ikegami CM, Arantes GM, Marana SR.</p> <p>Mutations close to a hub residue affect the distant active site of a GH1 <math>\beta</math>-glucosidase.</p> <p>PLOS Published: June 6, 2018. <a href="https://doi.org/10.1371/journal.pone.0198696">https://doi.org/10.1371/journal.pone.0198696</a></p> <p><a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0198696">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0198696</a></p>
88.	<p>Takada SH, Ikebara JM, de Sousa E, Cardoso DS, Resende RR, Ulrich H, Rückl M, Rüdiger S, Kihara AH.</p> <p>Determining the Roles of Inositol Trisphosphate Receptors in Neurodegeneration: Interdisciplinary Perspectives on a Complex Topic.</p> <p>Mol Neurobiol. 2017 Nov;54(9):6870-6884. doi: 10.1007/s12035-016-0205-8.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/27771899">https://www.ncbi.nlm.nih.gov/pubmed/27771899</a></p>
89.	<p>Tavares E, Grandis A, Lembke C, Souza G, Purgatto E, De Souza A, Buckeridge M.</p> <p>Plant Signal Behav. 2017 Dec 29:0. doi: 10.1080/15592324.2017.1422464.</p> <p>Roles of Auxin and Ethylene in Aerenchyma Formation in Sugarcane Roots.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29286887">https://www.ncbi.nlm.nih.gov/pubmed/29286887</a></p>
90.	<p>Teixeira RD, Guzzo CR, ArévaloSJ, Andrade MO, Abrahão J, de Souza RF, Farah CS.</p> <p>A bipartite periplasmic receptor– diguanylate cyclase pair (XAC2383–XAC2382) in the bacterium <i>Xanthomonas citri</i></p> <p>JBC.RA118.003475. doi: 10.1074/jbc.RA118.003475</p> <p><a href="http://www.jbc.org/content/early/2018/05/04/jbc.RA118.003475">http://www.jbc.org/content/early/2018/05/04/jbc.RA118.003475</a></p>
91.	<p>Terra WR, Dias RO, Oliveira PL, Ferreira C, Venancio TM.</p> <p>Transcriptomic analyses uncover emerging roles of mucins, lysosome/secretory addressing and detoxification pathways in insect midguts.</p> <p>Insect Science 2018, 29:34–40. doi.org/10.1016/j.cois.2018.05.015</p> <p><a href="https://www.sciencedirect.com/science/article/pii/S2214574517302110">https://www.sciencedirect.com/science/article/pii/S2214574517302110</a></p>
92.	<p>Toyama D, de Moraes MAB, Ramos FC, Zanphorlin LM, Tonoli CCC, Balula AF, de Miranda FP, Almeida VM, Marana SR, Ruller R, Murakami MT, Henrique-Silva F.</p>

	<p>A novel <math>\beta</math>-glucosidase isolated from the microbial metagenome of Lake Poraquê (Amazon, Brazil)</p> <p>Biochim Biophys Acta. 2018 Apr;1866(4):569-579. doi: 10.1016/j.bbapap.2018.02.001</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29454992">https://www.ncbi.nlm.nih.gov/pubmed/29454992</a></p>
93.	<p>Ulrich H, Ratajczak MZ, Schneider G, Adinolfi E, Orioli E, Ferrazoli EG, Glaser T, Corrêa-Velloso J, Martins PCM, Coutinho F, Santos APJ, Pillat MM, Sack U, Lameu C.</p> <p>Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis.</p> <p>Front. Pharmacol., 18 May 2018. <a href="https://doi.org/10.3389/fphar.2018.00500">https://doi.org/10.3389/fphar.2018.00500</a></p> <p><a href="https://www.frontiersin.org/articles/10.3389/fphar.2018.00500/full">https://www.frontiersin.org/articles/10.3389/fphar.2018.00500/full</a></p>
94.	<p>Vidic M, Smuc T, Janez N, Blank M, Accetto T, Mavri J, Nascimento IC, Nery AA, Ulrich H, Lah TT.</p> <p><i>In Silico</i> Selection Approach to Develop DNA Aptamers for a Stem-like Cell Subpopulation of Non-small Lung Cancer Adenocarcinoma Cell Line A549.</p> <p>Radiol Oncol. 2018 Mar 25;52(2):152-159. doi: 10.2478/raon-2018-0014.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/30018518">https://www.ncbi.nlm.nih.gov/pubmed/30018518</a></p>
95.	<p>Viviani LG, Piccirillo E, Cheffer A, de Rezende L, Ulrich H, Carmona-Ribeiro AM, Amaral AT.</p> <p>Be Aware of Aggregators in the Search for Potential Human ecto-5'-Nucleotidase Inhibitors.</p> <p>Molecules. 2018 Jul 27;23(8). pii: E1876. doi: 10.3390/molecules23081876</p> <p><a href="http://www.mdpi.com/1420-3049/23/8/1876">http://www.mdpi.com/1420-3049/23/8/1876</a></p>
96.	<p>Wailemann RA, Terra LF, Oliveira TC, Dos Santos AF, Gomes VM, Labriola L.</p> <p>Heat shock protein B1 is required for the prolactin-induced cytoprotective effects on pancreatic islets.</p> <p>Mol Cell Endocrinol. 2018 May 21. pii: S0303-7207(18)30178-3. doi: 10.1016/j.mce.2018.05.013.</p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/29792912">https://www.ncbi.nlm.nih.gov/pubmed/29792912</a></p>

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