

PUBLICAÇÕES DOS DOCENTES DO DEPARTAMENTO DE BIOQUÍMICA

ABRIL 2018

1.	<p>Brash DE, Goncalves LCP, Bechara EJJH.</p> <p>Chemiexcitation and Its Implications for Disease</p> <p>doi.org/10.1016/j.molmed.2018.04.004</p> <p>https://www.sciencedirect.com/science/article/pii/S1471491418300819</p>
2.	<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>http://www.jbc.org/content/early/2018/04/16/jbc.RA117.000883.abstract</p>
3.	<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>https://www.frontiersin.org/articles/10.3389/fgene.2018.00132/full</p>
4.	<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>https://www.ncbi.nlm.nih.gov/pubmed/29627365</p>
5.	<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>https://www.sciencedirect.com/science/article/pii/S0301421518301940</p>
6.	<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>

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JANEIRO A MARÇO 2018

7.	<p>Almeida VM, Frutuoso MA, Marana SR.</p> <p>Search for independent (β/α)₄ subdomains in a (β/α)₈ barrel β-glucosidase.</p> <p>Plos/one, Search for independent. Dói.org/10.1371/journal.pone.0191282</p> <p>http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0191282</p>
8.	<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>https://www.ncbi.nlm.nih.gov/pubmed/29155055</p>
9.	<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 r factor and cognate Ser/Thr kinase</p> <p>Environmental Microbiology (2018) 00(00), 00–00. doi:10.1111/1462-2920.14085</p> <p>https://www.ncbi.nlm.nih.gov/pubmed/29488354</p>
10.	<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>https://www.frontiersin.org/articles/10.3389/fevo.2018.00006/full</p>
11.	<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</p>

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12.	<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>https://www.sciencedirect.com/science/article/pii/S221323171830034X?via%3Dihub</p>
13.	<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>https://www.frontiersin.org/articles/10.3389/fnmol.2018.00050/full</p>
14.	<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>https://www.ncbi.nlm.nih.gov/pubmed/29574630</p>
15.	<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>https://www.ncbi.nlm.nih.gov/pubmed/29451213</p>
16.	<p>Florindo RN, Souza VP, Manzine LR, Camilo CM, Marana SR, Polikarpov I, Nascimento AS.</p> <p>Structural and biochemical characterization of a GH3 β-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>https://www.ncbi.nlm.nih.gov/pubmed/29555372</p>
17.	<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>

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18.	<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>https://www.ncbi.nlm.nih.gov/pubmed/?term=Selenium+Utilization+by+GPX4+Is+Required+to+Prevent+Hydroperoxide-Induced+Ferroptosis</p>
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21.	<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>https://www.ncbi.nlm.nih.gov/pubmed/29514290</p>
22.	<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: http://dx.doi.org/10.1021/acs.jctc.7b00805</p> <p>https://pubs.acs.org/doi/abs/10.1021/acs.jctc.7b00805</p>
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26.	<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>https://www.ncbi.nlm.nih.gov/pubmed/29271530</p>
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