

PUBLICACIONES

- Beyaz, S. et al. (2016) High-fat diet enhances stemness and tumorigenicity of intestinal progenitors. *Nature*. 531, 53–58. doi:10.1038/nature17173.
- Blance, S., et al. (2016) Stem cell function and stress response are controlled by protein synthesis. *Nature*, 534, 335–340. doi:10.1038/nature18282.
- Bonizzoni, M., et al. (2013) Probing functional polymorphisms in the dengue vector, *Aedes aegypti*. *BMC Genomics*. 14:739
<http://www.biomedcentral.com/1471-2164/14/739>.
- Carnes, M. U., et al. (2015) The Genomic Basis of Postponed Senescence in *Drosophila melanogaster*. *PLoS ONE*. doi: 10.1371/journal.pone.0138569.
- Denzler, R., Agarwal V., Stefano J., Bartel DP. and Stoffel, M. (2014) Assessing the ceRNA hypothesis with quantitative measurements of miRNA and target abundance. *Mol. Cell*. 54:4 pp 766-76.
- Dharshinia, S., et al. (2016) De novo sequencing and transcriptome analysis of a low temperature tolerant *Saccharum spontaneum* clone IND 00-1037. *J of Biotechnology*. doi: 10.1016/j.jbiotec.2016.05.036.
- Dobáková, E., Flegontov, P., Skalický, T. and Lukeš, J. (2015) Unexpectedly Streamlined Mitochondrial Genome of the Euglenozoan *Euglena gracilis*. *Genome Biol Evol*. 7. 3358-3367. doi:10.1093/gbe/evv229.
- Fang, W. and Bartel, D. P. (2015) The Menu of Features that Define Primary MicroRNAs and Enable De Novo Design of MicroRNA Genes. *Molecular Cell*. 60:1. p131–145. doi: 10.1016/j.molcel.2015.08.015.
- Guérin, F., Isnard, C., Cattoir, V. and Giard, J. C. (2015) Complex Regulation Pathways of AmpC-Mediated β -Lactam Resistance in *Enterobacter cloacae* Complex. *Antimicrob. Agents Chemother.*, 59: 7753 - 7761. doi: 10.1128/AAC.01729-15.
- Jones, B. M., Wcislo, W. T. and Robinson, G. E. (2015) Developmental Transcriptome for a Facultatively Eusocial Bee, *Megalopta genalis*. *g3*, Oct 2015; 5: 2127 - 2135. doi: g3.115.021261v1.
- Lamanna, F., et al. (2015) Cross-tissue and cross-species analysis of gene expression in skeletal muscle and electric organ of African weakly-electric fish (Teleostei; Mormyridae). *BMC Genomics*. 16:668 . doi:10.1186/s12864-015-1858-9.
- Lin, M.-H., Jones, D. F. and Fleming, R. (2015) Transcriptomic analysis of degraded forensic body fluids, *Forensic Science International: Genetics*, Volume 17. 35-42. doi: 10.1016/j.fsigen.2015.03.005.

- McNeill, M. S., Kapheim, K. M., Brockmann, A., McGill, T. A. W., Robinson, G. E. (2015) Brain regions and molecular pathways responding to food reward type and value in honey bees. *Genes, Brain and Behavior*. doi: 10.1111/gbb.12275.
- Mullenders, J., et al. (2015) Cohesin loss alters adult hematopoietic stem cell homeostasis, leading to myeloproliferative neoplasms. *J. Exp. Med.* 2015; 212:1833-1850. doi: 10.1084/jem.20151323.
- Nam, J., Rissland, O.S., Koppstein, D. et al. (2014) Global Analyses of the Effect of Different Cellular Contexts on MicroRNA Targeting. *Molecular Cell*. <http://dx.doi.org/10.1016/j.molcel.2014.02.013>.
- Pham, K. T. M., et al. (2015) MoSET1 (Histone H3K4 Methyltransferase in *Magnaporthe oryzae*) Regulates Global Gene Expression during Infection-Related Morphogenesis. *PLOS Genetics*. doi: 10.1371/journal.pgen.1005385.
- Rittschofa, C. C., et al. (2014) Neuromolecular responses to social challenge: Common mechanisms across mouse, stickleback fish, and honey bee. *PNAS*. doi: 10.1073/pnas.1420369111.
- Rossetto CC, Tarrant-Elorza M, Pari GS (2013) Cis and Trans Acting Factors Involved in Human Cytomegalovirus Experimental and Natural Latent Infection of CD14 (+) Monocytes and CD34 (+) Cells. *PLoS Pathog* 9(5): e1003366. doi:10.1371/journal.ppat.1003366.
- Rube, H. T., et al. (2016) Sequence features accurately predict genome-wide MeCP2 binding in vivo. *Nature Communications*. 7:11025. doi:10.1038/ncomms11025.
- Solovchenko, A., et al. (2016) Nitrogen availability modulates CO2 tolerance in a symbiotic chlorophyte, *Algal Research*, 16, 177-188. doi: 10.1016/j.algal.2016.03.002.
- Tarvin, R. D., Santos, J. C., O'Connell, L. A., Zakon, H. H. and Cannatella, D. C. (2016) Convergent Substitutions in a Sodium Channel Suggest Multiple Origins of Toxin Resistance in Poison Frogs. *Mol Biol Evol.* 33:4. 1068-1081. doi: 10.1093/molbev/msv350.
- Van Laar, T, A., Chen, T, You, T., and Leung, K. P. (2015) Sublethal Concentrations of Carbapenems Alter Cell Morphology and Genomic Expression of *Klebsiella pneumoniae* Biofilms. *Antimicrobial Agents and Chemotherapy*. doi: 10.1128/AAC.04581-14.
- Wheeler, M. M. and Robinson G. E. (2014) Diet-dependent gene expression in honey bees: honey vs. sucrose or high fructose corn syrup. *Scientific Reports*. 4: 5726. doi:10.1038/srep05726.
- Zhang, Y. et al. (2015) Genome-, Transcriptome- and Proteome-Wide Analyses of the Gliadin Gene Families in *Triticum urartu*. *PLOS One*. doi: 10.1371/journal.pone.0131559.