

Premio a la Publicación científica del mes Facultad de Biología 2022-2023



RELACION DE ARTICULOS PREMIADOS POR MES

octubre 2022:

Ruger-Herrerros M, Nordziece S, Vega-Álvarez C, Avalos J, Limón MC (2022) Relation between CarS expression and activation of carotenogenesis by stress in *Fusarium fujikuroi*. Front Bioeng Biotechnol. 10:1000129.

noviembre 2022:

Cervilla-Martínez, Juan F., Juan J. Rodríguez-Gotor, Krzysztof J. Wypijewski, Ángela Fontán-Lozano, Tao Wang, Enrique Santamaría, William Fuller, and Rebeca Mejías. 2022. "Altered Cortical Palmitoylation Induces Widespread Molecular Disturbances in Parkinson's Disease" International Journal of Molecular Sciences 23, no. 22: 14018. <https://doi.org/10.3390/ijms232214018>

diciembre 2022:

Corrales-Guerrero L, Steinchen W, Ramm B, Mücksch J, Rosum J, Refes Y, Heimerl T, Bange G, Schwille P, Thanbichler M. (2022) MipZ caps the plus-end of FtsZ polymers to promote their rapid disassembly. Proc Natl Acad Sci U S A. 13;119(50): e2208227119. doi:10.1073/pnas.2208227119

enero 2023:

Quintero, E., Rodríguez-Sánchez, F., & Jordano, P. 2023. Reciprocity and interaction effectiveness in generalised mutualisms among free-living species. Ecology Letters, 26(1), 132–146. <https://doi.org/10.1111/ele.14141>

febrero 2023:

Belmonte-Fernández A, Herrero-Ruíz J, Galindo-Moreno M, Limón-Mortés MC, Mora-Santos M, Sáez C, Japón MÁ, Tortolero M, Romero F. Cisplatin-induced cell death increases the degradation of the MRE11-RAD50-NBS1 complex through the autophagy/lysosomal pathway. Cell Death Differ. 30(2):488-499. Feb 2023. doi: 10.1038/s41418-022-01100-1.

marzo 2023:

Marchena-Cruz, E., Camino, L.P., Bhandari, J., Silva, S., Marqueta-Gracia, J.J., Amdeen, S.A., Guillén-Mendoza, C., García-Rubio, M.L., Calderón-Montaño, J.M., Xue, X., et al. (2023). DDX47, MeCP2, and other functionally heterogeneous factors protect cells from harmful R loops. Cell Rep. 42. <https://doi.org/10.1016/j.celrep.2023.112148>

mayo 2023:

Aguilera-Herce J, Panadero-Medianero C, Sánchez-Romero MA, Balbontín R, Bernal-Bayard J, Ramos-Morales F. Salmonella Type III Secretion Effector SrfJ: A Glucosylceramidase Affecting the Lipidome and the Transcriptome of Mammalian Host Cells. *Int J Mol Sci* (2023) 24:8403. doi: 10.3390/ijms24098403

junio 2023:

Juan José Pérez-Moreno, Rebecca C. Smith, Megan K. Oliva, Filomena Gallo, Shainy Ojha, Karin H. Müller, Cahir J. O’Kane. 2023. Drosophila SPG12 ortholog, reticulon-like 1, governs presynaptic ER organization and Ca²⁺ dynamics. *Journal of Cell Biology*. 222 (6): e202112101. <https://doi.org/10.1083/jcb.202112101>

agosto 2023:

Salas-Lloret, D., N. S. Jansen, E. Nagamalleswari, C. van der Meulen, E. Gracheva, A. H. de Ru, H. A. M. Otte, P. A. van Veelen, A. Pichler, J. Goedhart, A. C. O. Vertegaal and **R. Gonzalez-Prieto** (2023). "SUMO-activated target traps (SATTs) enable the identification of a comprehensive E3-specific SUMO proteome." *Sci Adv* 9(31): eadh2073. <https://doi.org/10.1126/sciadv.adh2073>