

2020

July 2019 - June 2020

1. Deshpande, I., Liang, J., Hedeem, D., Roberts, K. J., Zhang, Y., Ha, B., Latorraca, N. R., Faust, B., Dror, R. O., Beachy, P. A., Myers, B. R., & Manglik, A. (2019). Smoothened stimulation by membrane sterols drives Hedgehog pathway activity. *Nature*, *571*(7764), Article 7764. <https://doi.org/10.1038/s41586-019-1355-4>
2. Dong, Z. M., Lin, E., Wechsler, M. E., Weller, P. F., Klion, A. D., Bochner, B. S., Delker, D. A., Hazel, M. W., Fairfax, K., Khoury, P., Akuthota, P., Merkel, P. A., Dyer, A.-M., Langford, C., Specks, U., Gleich, G. J., Chinchilli, V. M., Raby, B., Yandell, M., & Clayton, F. (2020). Pulmonary Eosinophilic Granulomatosis with Polyangiitis Has IgG4 Plasma Cells and Immunoregulatory Features. *The American Journal of Pathology*, *190*(7), 1438–1448. <https://doi.org/10.1016/j.ajpath.2020.03.005>
3. Feng, H., Hockin, M., Zhang, S., Capecchi, M., Gale, B., & Sant, H. (2020). Enhanced chromosome extraction from cells using a pinched flow microfluidic device. *Biomedical Microdevices*, *22*(2), 25. <https://doi.org/10.1007/s10544-020-0477-7>
4. Feng, H., Magda, J. J., & Gale, B. K. (2019). Viscoelastic second normal stress difference dominated multiple-stream particle focusing in microfluidic channels. *Applied Physics Letters*, *115*(26), 263702. <https://doi.org/10.1063/1.5129281>
5. Gandelman, M., Dansithong, W., Figueroa, K. P., Paul, S., Scoles, D. R., & Pulst, S. M. (2020). Stauf1 amplifies proapoptotic activation of the unfolded protein response. *Cell Death & Differentiation*, *27*(10), Article 10. <https://doi.org/10.1038/s41418-020-0553-9>
6. Hanak, T. J., Libbey, J. E., Doty, D. J., Sim, J. T., DePaula-Silva, A. B., & Fujinami, R. S. (2019). Positive Modulation of mGluR5 Attenuates Seizures and Reduces TNF- α + Macrophages and Microglia in the Brain in a Murine Model of Virus-Induced Temporal Lobe Epilepsy. *Experimental Neurology*, *311*, 194–204. <https://doi.org/10.1016/j.expneurol.2018.10.006>
7. Hoffman, L. M., Smith, M. A., Jensen, C. C., Yoshigi, M., Blankman, E., Ullman, K. S., & Beckerle, M. C. (2020). Mechanical stress triggers nuclear remodeling and the formation of transmembrane actin nuclear lines with associated nuclear pore complexes. *Molecular Biology of the Cell*, *31*(16), 1774–1787. <https://doi.org/10.1091/mbc.E19-01-0027>
8. Kim, H.-S., Neugebauer, J., McKnite, A., Tilak, A., & Christian, J. L. (n.d.). BMP7 functions predominantly as a heterodimer with BMP2 or BMP4 during mammalian embryogenesis. *eLife*, *8*, e48872. <https://doi.org/10.7554/eLife.48872>
9. Kircher, D. A., Trombetti, K. A., Silvis, M. R., Parkman, G. L., Fischer, G. M., Angel, S. N., Stehn, C. M., Strain, S. C., Grossmann, A. H., Duffy, K. L., Boucher, K. M., McMahon, M., Davies, M. A., Mendoza, M. C., VanBrocklin, M. W., & Holmen, S. L. (2019). AKT1E17K

Activates Focal Adhesion Kinase and Promotes Melanoma Brain Metastasis. *Molecular Cancer Research: MCR*, 17(9), 1787–1800. <https://doi.org/10.1158/1541-7786.MCR-18-1372>

10. Lim, K., Sima, M., Stewart, R. J., & Minter, S. D. (2020). Direct bioelectrocatalysis by redox enzymes immobilized in electrostatically condensed oppositely charged polyelectrolyte electrode coatings. *Analyst*, 145(4), 1250–1257.
<https://doi.org/10.1039/C9AN02168J>
11. Mahmassani, Z. S., Reidy, P. T., McKenzie, A. I., Petrocelli, J. J., Matthews, O., de Hart, N. M., Ferrara, P. J., O'Connell, R., Funai, K., & Drummond, M. J. (2020). Absence of MyD88 from skeletal muscle protects female mice from inactivity-induced adiposity and insulin resistance. *Obesity (Silver Spring, Md.)*, 28(4), 772–782.
<https://doi.org/10.1002/oby.22759>
12. McKenzie, A. I., Reidy, P. T., Nelson, D. S., Mulvey, J. L., Yonemura, N. M., Petrocelli, J. J., Mahmassani, Z. S., Tippetts, T. S., Summers, S. A., Funai, K., & Drummond, M. J. (2020). Pharmacological inhibition of TLR4 ameliorates muscle and liver ceramide content after disuse in previously physically active mice. *American Journal of Physiology - Regulatory, Integrative and Comparative Physiology*, 318(3), R503–R511.
<https://doi.org/10.1152/ajpregu.00330.2019>
13. Okada, M., Guo, P., Nalder, S., & Sigala, P. A. (2020). Doxycycline has distinct apicoplast-specific mechanisms of antimalarial activity. *eLife*, 9, e60246.
<https://doi.org/10.7554/eLife.60246>
14. Reidy, P. T., Yonemura, N., Madsen, J. H., McKenzie, A. I., Mahmassani, Z. S., Rondina, M. T., Lin, Y. K., Kaput, K., & Drummond, M. J. (2019). An accumulation of muscle macrophages is accompanied by altered insulin sensitivity after reduced-activity and recovery. *Acta Physiologica (Oxford, England)*, 226(2), e13251.
<https://doi.org/10.1111/apha.13251>

Revision #1

Created 2023-11-20 20:23:36 UTC

Updated 2023-11-20 20:29:27 UTC