

C. PRODUCTS

C.1 PUBLICATIONS

Are there publications or manuscripts accepted for publication in a journal or other publication (e.g., book, one-time publication, monograph) during the reporting period resulting directly from this award?

Yes

Publications Reported for this Reporting Period

Public Access Compliance	Citation
Complete	Ortiz-Martínez MG, Rodríguez-Cotto RI, Ortiz-Rivera MA, Pluguez-Turull CW, Jiménez-Vélez BD. Linking Endotoxins, African Dust PM10 and Asthma in an Urban and Rural Environment of Puerto Rico. Mediators of inflammation. 2015 November 22;2015:784212. PubMed PMID: 26681839; PubMed Central PMCID: PMC4670654.
Complete	Mansour TA, Habib MR, Rodríguez LCV, Vázquez AH, Alers JM, Ghezzi A, Croll RP, Brown CT, Miller MW. Central nervous system transcriptome of <i>Biomphalaria alexandrina</i> , an intermediate host for schistosomiasis. BMC research notes. 2017 December 11;10(1):729. PubMed PMID: 29228974; PubMed Central PMCID: PMC5725652.
Complete	Martínez-Rivera FJ, Barreto-Estrada JL. Reply to: Does High-Frequency Deep Brain Stimulation in Dorsal Regions of the Ventral Striatum Impair Extinction of Morphine-Induced Place Preference?. Biological psychiatry. 2018 January 1;83(1):e21. PubMed PMID: 28673441; PubMed Central PMCID: PMC5880642.
Complete	Manfredi B, Morales-Ortíz J, Díaz-Díaz LM, Hernandez-Matias L, Barreto-Vázquez D, Menéndez-Pérez J, Rodríguez-Cordero JA, Villalobos-Santos JC, Santiago-Rivera E, Rivera-Dompenciel A, Lozada-Delgado EL, Kuchibhotla M, Carrasquillo-Carrión K, Roche-Lima A, Washington AV. The Characterization of Monoclonal Antibodies to Mouse TLT-1 Suggests That TLT-1 Plays a Role in Wound Healing. Monoclonal antibodies in immunodiagnosis and immunotherapy. 2018 April;37(2):78-86. PubMed PMID: 29708866; PubMed Central PMCID: PMC5930940.
Non-Compliant	Ramírez M, Santos S, Martínez O, Rodríguez R, Miranda E, Ramos-Perez WD, Otero M. Characterization of the immune response elicited by the vaccinia virus L3 protein delivered as naked DNA. Vaccine. 2018 April 5;36(15):2049-2055. PubMed PMID: 29525282.
Complete	Roche-Lima A, Carrasquillo-Carrión K, Gómez-Moreno R, Cruz JM, Velázquez-Morales DM, Rogozin IB, Baerga-Ortiz A. The Presence of Genotoxic and/or Pro-inflammatory Bacterial Genes in Gut Metagenomic Databases and Their Possible Link With Inflammatory Bowel Diseases. Frontiers in genetics. 2018 April 10;9:116. PubMed PMID: 29692798; PubMed Central PMCID: PMC5902703.
Complete	Crespo MJ, Roman M, Matias J, Morales M, Torres H, Quidgley J. Synergistic Effects of Dantrolene and Nimodipine on the Phenylephrine-Induced Contraction and ACh-Induced Relaxation in Aortic Rings from Diabetic Rats. International journal of endocrinology. 2018 April 19;2018:9790303. PubMed PMID: 29849627; PubMed Central PMCID: PMC5933070.
Complete	Rullán-Lind C, Pietri RB, Vázquez-Cintrón M, Baerga-Ortiz A. Fused dimerization increases expression, solubility, and activity of bacterial dehydratase enzymes. Protein science : a publication of the Protein Society. 2018 May;27(5):969-975. PubMed PMID: 29520922; PubMed Central PMCID: PMC5916124.
Complete	Maldonado MDM, Dharmawardhane S. Targeting Rac and Cdc42 GTPases in Cancer. Cancer research. 2018 June 15;78(12):3101-3111. PubMed PMID: 29858187; PubMed Central PMCID: PMC6004249.
PMC Journal - In process	Rivera-Robles MJ, Medina-Velásquez J, Asencio-Torres GM, González-Crespo S, Rymond BC, Rodríguez-Medina J, Dharmawardhane S. Targeting Cdc42 with the Anticancer Compound MBQ-167 Inhibits Cell Polarity and Growth in the Budding Yeast <i>S. cerevisiae</i> . Small GTPases. 2018 July 3. PubMed PMID: 29969362.

C.2 WEBSITE(S) OR OTHER INTERNET SITE(S)

C. PRODUCTS

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Public Access Compliance	Citation
Complete	González-Feliciano JA, Hernández-Pérez M, Estrella LA, Colón-López DD, López A, Martínez M, Maurás-Rivera KR, Lasalde C, Martínez D, Araujo-Pérez F, González CI. The role of HuR in the post-transcriptional regulation of interleukin-3 in T cells. <i>PLoS one</i> . 2014 March 21;9(3):e92457. PubMed PMID: 24658545; PubMed Central PMCID: PMC3962401; DOI: 10.1371/journal.pone.0092457.
Complete	Parodi-Rullán RM, Chapa-Dubocq XR, Javadov S. Acetylation of Mitochondrial Proteins in the Heart: The Role of SIRT3. <i>Frontiers in physiology</i> . 2018;9:1094. PubMed PMID: 30131726; PubMed Central PMCID: PMC6090200; DOI: 10.3389/fphys.2018.01094.
Complete	Rosario-Rodríguez LJ, Colón K, Borges-Vélez G, Negrón K, Meléndez LM. Dimethyl Fumarate Prevents HIV-Induced Lysosomal Dysfunction and Cathepsin B Release from Macrophages. <i>Journal of neuroimmune pharmacology : the official journal of the Society on Neuroimmune Pharmacology</i> . 2018 September;13(3):345-354. PubMed PMID: 29987592; PubMed Central PMCID: PMC6503672; DOI: 10.1007/s11481-018-9794-5.
Non-Compliant	Aguayo V, Valdes B, Espino AM. Assessment of Fasciola hepatica glutathione S-transferase as an antigen for serodiagnosis of human chronic fascioliasis. <i>Acta tropica</i> . 2018 October;186:41-49. PubMed PMID: 29990477; DOI: 10.1016/j.actatropica.2018.07.002.
Complete	Ramos-Benítez MJ, Lopez-Cruz LM, Aguayo V, Ruiz-Jimenez C, Espino AM. Cell-free expression, purification and immunoreactivity assessment of recombinant Fasciola hepatica saposin-like protein-2. <i>Molecular biology reports</i> . 2018 October;45(5):1551-1556. PubMed PMID: 30032380; PubMed Central PMCID: PMC6368407; DOI: 10.1007/s11033-018-4251-3.
Complete	Parodi-Rullán RM, Soto-Prado J, Vega-Lugo J, Chapa-Dubocq X, Díaz-Cordero SI, Javadov S. Divergent Effects of Cyclophilin-D Inhibition on the Female Rat Heart: Acute Versus Chronic Post-Myocardial Infarction. <i>Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology</i> . 2018 October 3;50(1):288-303. PubMed PMID: 30282073; PubMed Central PMCID: PMC6247791; DOI: 10.1159/000494006.
Complete	Lozada-Delgado EL, Grafals-Ruiz N, Miranda-Román MA, Santana-Rivera Y, Valiyeva F, Rivera-Díaz M, Marcos-Martínez MJ, Vivas-Mejía PE. Targeting MicroRNA-143 Leads to Inhibition of Glioblastoma Tumor Progression. <i>Cancers</i> . 2018 October 12;10(10). PubMed PMID: 30322013; PubMed Central PMCID: PMC6210372; DOI: 10.3390/cancers10100382.
Complete	Ramos-Benítez MJ, Ruiz-Jimenez C, Rosado-Franco JJ, Ramos-Pérez WD, Mendez LB, Osuna A, Espino AM. Fh15 Blocks the Lipopolysaccharide-Induced Cytokine Storm While Modulating Peritoneal Macrophage Migration and CD38 Expression within Spleen Macrophages in a Mouse Model of Septic Shock. <i>mSphere</i> . 2018 December 19;3(6). PubMed PMID: 30567900; PubMed Central PMCID: PMC6300687; DOI: 10.1128/mSphere.00548-18.
Complete	Acevedo-Canabal A, Colón-Cruz L, Rodríguez-Morales R, Varshney GK, Burgess S, González-Sepúlveda L, Yudowski G, Behra M. Altered Swimming Behaviors in Zebrafish Larvae Lacking Cannabinoid Receptor 2. <i>Cannabis and cannabinoid research</i> . 2019;4(2):88-101. PubMed PMID: 31236475; PubMed Central PMCID: PMC6590727; DOI: 10.1089/can.2018.0025.
Complete	Blanco RE, Vega-Meléndez GS, De La Rosa-Reyes V, Del Cueto C, Blagburn JM. Application of CNTF or FGF-2 increases the number of M2-like macrophages after optic nerve injury in adult <i>Rana pipiens</i> . <i>PLoS one</i> . 2019;14(5):e0209733. PubMed PMID: 31048836; PubMed Central PMCID: PMC6507305; DOI: 10.1371/journal.pone.0209733.

Complete	Santos S, Ramírez M, Miranda E, Reyes N, Martínez O, Acosta-Santiago M, Rivera JM, Otero M. Enhancement of Immune Responses by Guanosine-Based Particles in DNA Plasmid Formulations against Infectious Diseases. <i>Journal of immunology research</i> . 2019;2019:3409371. PubMed PMID: 31240233; PubMed Central PMCID: PMC6556318; DOI: 10.1155/2019/3409371.
Complete	Gómez-Moreno R, González-Pons M, Soto-Salgado M, Cruz-Correa M, Baerga-Ortiz A. The Presence of Gut Microbial Genes Encoding Bacterial Genotoxins or Pro-Inflammatory Factors in Stool Samples from Individuals with Colorectal Neoplasia. <i>Diseases (Basel, Switzerland)</i> . 2019 February 1;7(1). PubMed PMID: 30717148; PubMed Central PMCID: PMC6473706; DOI: 10.3390/diseases7010016.
Complete	Aguayo V, Valdés Fernandez BN, Rodríguez-Valentín M, Ruiz-Jiménez C, Ramos-Benítez MJ, Méndez LB, Espino AM. Fasciola hepatica GST downregulates NF- κ B pathway effectors and inflammatory cytokines while promoting survival in a mouse septic shock model. <i>Scientific reports</i> . 2019 February 19;9(1):2275. PubMed PMID: 30783117; PubMed Central PMCID: PMC6381083; DOI: 10.1038/s41598-018-37652-x.
Complete	Jirau-Colón H, González-Parrilla L, Martínez-Jiménez J, Adam W, Jiménez-Velez B. Rethinking the Dental Amalgam Dilemma: An Integrated Toxicological Approach. <i>International journal of environmental research and public health</i> . 2019 March 22;16(6). PubMed PMID: 30909378; PubMed Central PMCID: PMC6466133; DOI: 10.3390/ijerph16061036.
Complete	Santiago-Cartagena E, González-Crespo S, Vélez V, Martínez N, Snider J, Jessulat M, Aoki H, Minic Z, Akamine P, Mejías I, Pérez LM, Rymond BC, Babu M, Stagljar I, Rodríguez-Medina JR. Identification and Functional Testing of Novel Interacting Protein Partners for the Stress Sensors Wsc1p and Mid2p of <i>Saccharomyces cerevisiae</i> . <i>G3 (Bethesda, Md.)</i> . 2019 April 9;9(4):1085-1102. PubMed PMID: 30733383; PubMed Central PMCID: PMC6469404; DOI: 10.1534/g3.118.200985.
Complete	Santos-Vera B, Vaquer-Alicea ADC, Maria-Rios CE, Montiel-Ramos A, Ramos-Cardona A, Vázquez-Torres R, Sanabria P, Jiménez-Rivera CA. Protein and surface expression of HCN2 and HCN4 subunits in mesocorticolimbic areas after cocaine sensitization. <i>Neurochemistry international</i> . 2019 May;125:91-98. PubMed PMID: 30794847; PubMed Central PMCID: PMC6500595; DOI: 10.1016/j.neuint.2019.02.004.
Complete	Cantres-Rosario YM, Ortiz-Rodríguez SC, Santos-Figueroa AG, Plaud M, Negron K, Cotto B, Langford D, Melendez LM. HIV Infection Induces Extracellular Cathepsin B Uptake and Damage to Neurons. <i>Scientific reports</i> . 2019 May 29;9(1):8006. PubMed PMID: 31142756; PubMed Central PMCID: PMC6541605; DOI: 10.1038/s41598-019-44463-1.
In Process at NIHMS	Martínez-Rivera FJ, Martínez NA, Martínez M, Ayala-Pagán RN, Silva WI, Barreto-Estrada JL. Neuroplasticity transcript profile of the ventral striatum in the extinction of opioid-induced conditioned place preference. <i>Neurobiology of learning and memory</i> . 2019 June 4;163:107031. PubMed PMID: 31173919; DOI: 10.1016/j.nlm.2019.107031.
Complete	Vaquero-Alicea ADC, Vázquez-Torres R, Devarie-Hornedo M, Vicenty-Padilla JC, Santos-Vera B, María-Ríos C, Vélez-Hernández ME, Sacktor T, Jiménez-Rivera CA. Corrigendum to "aPKC-mediated persistent increase in AMPA/NMDA ratio in the VTA participates in the neuroadaptive signal necessary to induce NAc synaptic plasticity after cocaine administration" [<i>Neuroscience</i> 392 (2018) 129-140]. <i>Neuroscience</i> . 2019 July 1;410:316. PubMed PMID: 31082351; PubMed Central PMCID: PMC6597312; DOI: 10.1016/j.neuroscience.2019.04.046.

C.2 WEBSITE(S) OR OTHER INTERNET SITE(S)

Nothing to report

C.3 TECHNOLOGIES OR TECHNIQUES

Not Applicable

C.4 INVENTIONS, PATENT APPLICATIONS, AND/OR LICENSES

Not Applicable

C. PRODUCTS

C.1 PUBLICATIONS

Are there publications or manuscripts accepted for publication in a journal or other publication (e.g., book, one-time publication, monograph) during the reporting period resulting directly from this award?

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Publications Reported for this Reporting Period

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PMC Journal - In process	Rivera-Díaz M. MicroRNA-27a Distinguishes Glioblastoma Multiforme from Diffuse and Anaplastic Astrocytomas and Has Prognostic Value. <i>American journal of cancer research</i> . 2014 December 15;5(1):201.
Complete	Rosario-Rodríguez LJ, Colón K, Borges-Vélez G, Negrón K, Meléndez LM. Dimethyl Fumarate Prevents HIV-Induced Lysosomal Dysfunction and Cathepsin B Release from Macrophages. <i>Journal of neuroimmune pharmacology : the official journal of the Society on Neuroimmune Pharmacology</i> . 2018 September;13(3):345-354. PubMed PMID: 29987592; PubMed Central PMCID: PMC6503672; DOI: 10.1007/s11481-018-9794-5.
Complete	Gómez-Moreno R, Martínez-Ramírez R, Roche-Lima A, Carrasquillo-Carrión K, Pérez-Santiago J, Baerga-Ortiz A. Hotspots of Sequence Variability in Gut Microbial Genes Encoding Pro-Inflammatory Factors Revealed by Oligotyping. <i>Frontiers in genetics</i> . 2019;10:631. PubMed PMID: 31354787; PubMed Central PMCID: PMC6629961; DOI: 10.3389/fgene.2019.00631.
Complete	Claudio-Campos K, Moneró-Paredes M, Hernández E, Renta J, Duconge J. Low-frequency variants at the <i>CYP2C9</i> locus among Puerto Rican patients on warfarin: <i>in silico</i> predictions of functionality and conservation. <i>Pharmacogenomics</i> . 2019 August;20(12):891-902. PubMed PMID: 31453773; PubMed Central PMCID: PMC6739902; DOI: 10.2217/pgs-2019-0051.
Complete	M Parodi-Rullán R, Chapa-Dubocq X, Guzmán-Hernández R, Jang S, A Torres-Ramos C, Ayala-Peña S, Javadov S. The Role of Adenine Nucleotide Translocase in the Assembly of Respiratory Supercomplexes in Cardiac Cells. <i>Cells</i> . 2019 October 13;8(10). PubMed PMID: 31614941; PubMed Central PMCID: PMC6829619; DOI: 10.3390/cells8101247.
Complete	Maldonado MDM, Rosado-González G, Bloom J, Duconge J, Ruiz-Calderón JF, Hernández-O'Farrill E, Vlaar C, Rodríguez-Orengo JF, Dharmawardhane S. Pharmacokinetics of the Rac/Cdc42 Inhibitor MBQ-167 in Mice by Supercritical Fluid Chromatography-Tandem Mass Spectrometry. <i>ACS omega</i> . 2019 November 5;4(19):17981-17989. PubMed PMID: 31720502; PubMed Central PMCID: PMC6843717; DOI: 10.1021/acsomega.9b01641.
Complete	Rosado-Franco JJ, Ramos-Benitez MJ, Parodi LM, Rosario D, Compo N, Giavedoni LD, Espino AM. Outlining key inflammation-associated parameters during early phase of an experimental gram-negative sepsis model in rhesus macaques (<i>Macaca mulatta</i>). <i>Animal models and experimental medicine</i> . 2019 December;2(4):326-333. PubMed PMID: 31942564; PubMed Central PMCID: PMC6930987; DOI: 10.1002/ame2.12087.
Complete	Jirau-Colón H, Cosme A, Marcial-Vega V, Jiménez-Vélez B. Toxic Metals Depuration Profiles from a Population Adjacent to a Military Target Range (Vieques) and Main Island Puerto Rico. <i>International journal of environmental research and public health</i> . 2019 December 30;17(1). PubMed PMID: 31905976; PubMed Central PMCID: PMC6994965; DOI: 10.3390/ijerph17010264.
Complete	Grafals-Ruiz N, Rios-Vicil CI, Lozada-Delgado EL, Quiñones-Díaz BI, Noriega-Rivera RA, Martínez-Zayas G, Santana-Rivera Y, Santiago-Sánchez GS, Valiyeva F, Vivas-Mejía PE. Brain Targeted Gold Liposomes Improve RNAi Delivery for Glioblastoma. <i>International journal of nanomedicine</i> . 2020;15:2809-2828. PubMed PMID: 32368056;

	PubMed Central PMCID: PMC7185647; DOI: 10.2147/IJN.S241055.
Complete	Maldonado MDM, Medina JI, Velazquez L, Dharmawardhane S. Targeting Rac and Cdc42 GEFs in Metastatic Cancer. <i>Frontiers in cell and developmental biology</i> . 2020;8:201. PubMed PMID: 32322580; PubMed Central PMCID: PMC7156542; DOI: 10.3389/fcell.2020.00201.
Complete	Piñeyro-Ruiz C, Chorna NE, Pérez-Brayfield MR, Jorge JC. Severity-Dependent Profile of the Metabolome in Hypospadias. <i>Frontiers in pediatrics</i> . 2020;8:202. PubMed PMID: 32391298; PubMed Central PMCID: PMC7192966; DOI: 10.3389/fped.2020.00202.
Complete	Santana-Rivera Y, Rabelo-Fernández RJ, Quiñones-Díaz BI, Grafals-Ruiz N, Santiago-Sánchez G, Lozada-Delgado EL, Echevarría-Vargas IM, Apiz J, Soto D, Rosado A, Meléndez L, Valiyeva F, Vivas-Mejía PE. Reduced expression of enolase-1 correlates with high intracellular glucose levels and increased senescence in cisplatin-resistant ovarian cancer cells. <i>American journal of translational research</i> . 2020;12(4):1275-1292. PubMed PMID: 32355541; PubMed Central PMCID: PMC7191177.
Complete	Román M, Ramírez JM, Morales M, Crespo MJ. Significant reduction of vascular reactivity with dantrolene and nimodipine in diabetic rats: a potential approach to cerebral vasospasm management in diabetes. <i>Pharmacological reports : PR</i> . 2020 February;72(1):126-134. PubMed PMID: 32016838; PubMed Central PMCID: PMC7006678; DOI: 10.1007/s43440-019-00038-5.
Complete	Chapa-Dubocq XR, Rodríguez-Graciani KM, Guzmán-Hernández RA, Jang S, Brookes PS, Javadov S. Cardiac Function is not Susceptible to Moderate Disassembly of Mitochondrial Respiratory Supercomplexes. <i>International journal of molecular sciences</i> . 2020 February 25;21(5). PubMed PMID: 32106430; PubMed Central PMCID: PMC7084778; DOI: 10.3390/ijms21051555.
Complete	Schmoker AM, Perez Pearson LM, Cruz C, Colon Flores LG, Branfeild S, Pagán Torres FD, Fonseca K, Cantres YM, Salgado Ramirez CA, Melendez LM, Ballif BA, Washington AV. Defining the TLT-1 interactome from resting and activated human platelets. <i>Journal of proteomics</i> . 2020 March 20;215:103638. PubMed PMID: 31923473; PubMed Central PMCID: PMC7044047; DOI: 10.1016/j.jprot.2020.103638.
Complete	Reyes-González JM, Quiñones-Díaz BI, Santana Y, Báez-Vega PM, Soto D, Valiyeva F, Marcos-Martínez MJ, Fernández-de Thomas RJ, Vivas-Mejía PE. Downstream Effectors of ILK in Cisplatin-Resistant Ovarian Cancer. <i>Cancers</i> . 2020 April 4;12(4). PubMed PMID: 32260415; PubMed Central PMCID: PMC7226328; DOI: 10.3390/cancers12040880.
Complete	Serrano-Collazo C, Pérez-Guzmán EX, Pantoja P, Hassert MA, Rodríguez IV, Giavedoni L, Hodara V, Parodi L, Cruz L, Arana T, Martínez MI, White L, Brien JD, de Silva A, Pinto AK, Sariol CA. Effective control of early Zika virus replication by Dengue immunity is associated to the length of time between the 2 infections but not mediated by antibodies. <i>PLoS neglected tropical diseases</i> . 2020 May;14(5):e0008285. PubMed PMID: 32463814; PubMed Central PMCID: PMC7255596; DOI: 10.1371/journal.pntd.0008285.
PMC Journal - In process	Santiago-Sánchez GS, Pita-Grisanti V, Quiñones-Díaz B, Gumpfer K, Cruz-Monserrate Z, Vivas-Mejía PE. Biological Functions and Therapeutic Potential of Lipocalin 2 in Cancer. <i>International journal of molecular sciences</i> . 2020 June 19;21(12). PubMed PMID: 32575507; DOI: 10.3390/ijms21124365.
In Process at NIHMS	New frontiers on the molecular underpinnings of hypospadias according to severity. <i>Arab journal of urology</i> .
In Process at NIHMS	Synergistic effects of Dantrolene and Nimodipine in Reducing PHE-induced Contraction and in Improving ACh-induced Relaxation in the Vasculature of Type-1 Diabetic Rats. <i>International journal of endocrinology</i> .

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Complete	Piñeyro-Ruiz C, Serrano H, Jorge I, Miranda-Valentin E, Pérez-Brayfield MR, Camafeita E, Mesa R, Vázquez J, Jorge JC. A Proteomics Signature of Mild Hypospadias: A Pilot Study. <i>Frontiers in pediatrics</i> . 2020;8:586287. PubMed PMID: 33425810; PubMed Central PMCID: PMC7786202; DOI: 10.3389/fped.2020.586287.
Complete	Quiñones-Díaz BI, Reyes-González JM, Sánchez-Guzmán V, Conde-Del Moral I, Valiyeva F, Santiago-Sánchez GS, Vivas-Mejía PE. MicroRNA-18a-5p Suppresses Tumor Growth <i>via</i> Targeting Matrix Metalloproteinase-3 in Cisplatin-Resistant Ovarian Cancer. <i>Frontiers in oncology</i> . 2020;10:602670. PubMed PMID: 33392094; PubMed Central PMCID: PMC7774672; DOI: 10.3389/fonc.2020.602670.
Complete	Piñeyro-Ruiz C, Serrano H, Pérez-Brayfield MR, Jorge JC. New frontiers on the molecular underpinnings of hypospadias according to severity. <i>Arab journal of urology</i> . 2020 May 24;18(4):257-266. PubMed PMID: 33312738; PubMed Central PMCID: PMC7717703; DOI: 10.1080/2090598X.2020.1760589.
N/A	Rodríguez-Morales R, Vélez-Negrón V, Torrado-Tapias A, Varshney G, Behra M. Expression patterns of activating transcription factor 5 (atf5a and atf5b) in zebrafish. <i>Gene expression patterns : GEP</i> . 2020 September;37:119126. PubMed PMID: 32663618; DOI: 10.1016/j.gep.2020.119126.
Complete	Diehl MM, Iravedra-Garcia JM, Morán-Sierra J, Rojas-Bowe G, Gonzalez-Diaz FN, Valentín-Valentín VP, Quirk GJ. Divergent projections of the prelimbic cortex bidirectionally regulate active avoidance. <i>eLife</i> . 2020 October 15;9. PubMed PMID: 33054975; PubMed Central PMCID: PMC7588229; DOI: 10.7554/eLife.59281.
Complete	Reig-López J, Maldonado MDM, Merino-Sanjuan M, Cruz-Collazo AM, Ruiz-Calderón JF, Mangas-Sanjuán V, Dharmawardhane S, Duconge J. Physiologically-Based Pharmacokinetic/Pharmacodynamic Model of MBQ-167 to Predict Tumor Growth Inhibition in Mice. <i>Pharmaceutics</i> . 2020 October 15;12(10). PubMed PMID: 33076517; PubMed Central PMCID: PMC7602742; DOI: 10.3390/pharmaceutics12100975.
Complete	Rodríguez-Graciani KM, Chapa-Dubocq XR, MacMillan-Crow LA, Javadov S. Association Between L-OPA1 Cleavage and Cardiac Dysfunction During Ischemia-Reperfusion Injury in Rats. <i>Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology</i> . 2020 October 30;54(6):1101-1114. PubMed PMID: 33119220; PubMed Central PMCID: PMC8170594; DOI: 10.33594/000000303.
Complete	Colón-Cruz L, Rodríguez-Morales R, Santana-Cruz A, Cantres-Velez J, Torrado-Tapias A, Lin SJ, Yudowski G, Kensler R, Marie B, Burgess SM, Renaud O, Varshney GK, Behra M. Cnr2 Is Important for Ribbon Synapse Maturation and Function in Hair Cells and Photoreceptors. <i>Frontiers in molecular neuroscience</i> . 2021;14:624265. PubMed PMID: 33958989; PubMed Central PMCID: PMC8093779; DOI: 10.3389/fnmol.2021.624265.

Complete	Crooke-Rosado JL, Diaz-Mendez SC, Claudio-Roman YE, Rivera NM, Sosa MA. De novo assembly of the freshwater prawn <i>Macrobrachium carcinus</i> brain transcriptome for identification of potential targets for antibody development. <i>PloS one</i> . 2021;16(4):e0249801. PubMed PMID: 33836025; PubMed Central PMCID: PMC8049718; DOI: 10.1371/journal.pone.0249801.
Complete	Crespo NE, Torres-Bracero A, Renta JY, Desnick RJ, Cadilla CL. Expression Profiling Identifies TWIST2 Target Genes in Setleis Syndrome Patient Fibroblast and Lymphoblast Cells. <i>International journal of environmental research and public health</i> . 2021 February 19;18(4). PubMed PMID: 33669496; PubMed Central PMCID: PMC7922891; DOI: 10.3390/ijerph18041997.
Complete	Jirau-Colón H, Toro-Heredia J, Layuno J, Calderon ED, Gioda A, Jiménez-Vélez BD. Distribution of toxic metals and relative toxicity of airborne PM _{2.5} in Puerto Rico. <i>Environmental science and pollution research international</i> . 2021 April;28(13):16504-16516. PubMed PMID: 33389579; PubMed Central PMCID: PMC7778501; DOI: 10.1007/s11356-020-11673-4.
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N/A	Angiotensin II Induces Differentiation of Human Neuroblastoma Cells by Increasing MAP2 and ROS Levels. Journal of the renin-angiotensin-aldosterone system : JRAAS.

C.2 WEBSITE(S) OR OTHER INTERNET SITE(S)

NOTHING TO REPORT

C.3 TECHNOLOGIES OR TECHNIQUES

Not Applicable

C.4 INVENTIONS, PATENT APPLICATIONS, AND/OR LICENSES

Not Applicable

C.5 OTHER PRODUCTS AND RESOURCE SHARING

NOTHING TO REPORT