

DOCTORADO EN CIENCIAS DE LA NUTRICIÓN TRASLACIONAL PRODUCTIVIDAD CIENTÍFICA, 2024

1. Baltazar-Díaz TA, Andrade-Villanueva JF, Sánchez-Álvarez P, Amador-Lara F, Holguín-Aguirre T, Sánchez-Reyes K, Álvarez-Zavala M, **López-Roa RI**, Bueno-Topete MR, González-Hernández LA. A Two-Faced Gut Microbiome: Butyrogenic and Proinflammatory Bacteria Predominate in the Intestinal Milieu of People Living with HIV from Western Mexico. *Int J Mol Sci*. 2024 Apr 29;25(9):4830. Doi: 10.3390/ijms25094830. PMID: 38732048; PMCID: PMC11084381.
2. **Betancourt-Núñez A**, Díaz R, Nava-Amante PA, **Bernal-Orozco MF**, Díaz-López A, González Palacios A, **Márquez-Sandoval F**, Velarde-Camaqui D, **Vizmanos B**. Beyond the Classroom: The Influence of Food Insecurity, Mental Health, and Sleep Quality on University Students' Academic Performance. *Foods*. 2024 Aug 11;13(16):2508. doi: 10.3390/foods13162508. PMID: 39200435; PMCID: PMC11353649. <https://doi.org/10.3390/foods13162508>
3. **Carrera-Quintanar L**, Funes L, Herranz-López M, Vicente-Salar N, Mielgo-Ayuso J, Moya-Ramón M, Pons A, Micol V, Roche E. Acute Antioxidant Response to Two Types of Exercises: 2000 M Run vs. Burpee Test. *Antioxidants (Basel)*. 2024 Jan 24;13(2):144. doi: 10.3390/antiox13020144. PMID: 38397742; PMCID: PMC10886302.
4. Cremades M, Talavera-Urquijo E, Beisani M, Pappa S, Jordà M, Tarascó J, Moreno P, Caballero A, **Martínez-López E**, Pellitero S, Balibrea JM. Transcriptional and epigenetic changes after dietary and surgical weight loss interventions in an animal model of obesity. *Int J Obes (Lond)*. 2024 Jan;48(1):103-110. doi: 10.1038/s41366-023-01395-1. Epub 2023 Oct 13. PMID: 37833561. <https://doi.org/10.1038/s41366-023-01395-1>
5. Cremades M, Talavera-Urquijo E, Beisani M, Pappa S, Jordà M, Tarascó J, Moreno P, Caballero A, **Martínez-López E**, Pellitero S, Balibrea JM. Transcriptional and epigenetic changes after dietary and surgical weight loss interventions in an animal model of obesity. *Int J Obes (Lond)*. 2024 Jan;48(1):103-110. doi: 10.1038/s41366-023-01395-1. Epub 2023 Oct 13. PMID: 37833561. <https://doi.org/10.1038/s41366-023-01395-1>
6. Flores-Vázquez AS, **Rodríguez-Rocha NP**, Herrera-Echauri DD, **Macedo-Ojeda G**. A systematic review of educational nutrition interventions based on behavioral theories in school adolescents. *Appetite*. 2024 Jan 1;192:107087. Doi: 10.1016/j.appet.2023.107087. Epub 2023 Oct 20. PMID: 37865297.
7. Flores-Vázquez AS, **Rodríguez-Rocha NP**, **Macedo-Ojeda G**. Educational Nutritional Intervention Program for Adolescents Based on Social Cognitive Theory: Pilot Study of a Cluster Randomized Controlled Trial. *Health Serv Insights*. 2024 Apr 26;17:11786329241249011. doi: 10.1177/11786329241249011. PMID: 38680728; PMCID: PMC11047244.
8. Godínez-Mora S, Campos-Perez W, Perez-Robles M, Robles-Jimarez C, Muñoz-Hernandez A, Torres-Vanegas J, **Martínez-López E**. Positive correlation between n-6:n-3 PUFA ratio intake with serum oxHDL/HDL-c ratio in patients with coronary artery disease. *Coron Artery Dis*. 2025 May 1;36(3):190-199. doi: 10.1097/MCA.0000000000001437. Epub 2024 Oct 16. PMID: 39729580. [doi: 10.1097/MCA.0000000000001437](https://doi.org/10.1097/MCA.0000000000001437)
9. Grover-Baltazar GA, Sandoval-Rodríguez A, **Macedo-Ojeda G**, Chavira Trujillo G, Corona-Ortiz MJ, de Alba M, **Vizmanos B**. Social representations of breastfeeding in health science students: A first step to strengthening their training. *Nurse Educ Pract*. 2024 Jul;78:103991. doi: 10.1016/j.nepr.2024.103991. Epub 2024 May 17. PMID: 38823293. <https://doi.org/10.1016/j.nepr.2024.103991>
10. Gutiérrez-Hurtado IA, Sánchez-Méndez AD, Becerra-Loaiza DS, Rangel-Villalobos H, **Torres-Carrillo N**, Gallegos-Arreola MP, Aguilar-Velázquez JA. Loss of the Y Chromosome: A Review of Molecular Mechanisms, Age Inference, and Implications for Men's Health. *Int J Mol Sci*. 2024 Apr 11;25(8):4230. Doi: 10.3390/ijms25084230. PMID: 38673816; PMCID: PMC11050192.
11. Lares-Villaseñor E, Guevara-Cruz M, Salazar-García S, Granados-Portillo O, Vega-Cárdenas M, Martínez-Leija ME, Medina-Vera I, González-Salazar LE, Arteaga-Sánchez L, Guízar-Heredia R,

DOCTORADO EN CIENCIAS DE LA NUTRICIÓN TRASLACIONAL PRODUCTIVIDAD CIENTÍFICA, 2024

- Hernández-Gómez KG, Serralde-Zúñiga AE, Pichardo- Ontiveros E, López-Barradas AM, Guevara-Pedraza L, Ordaz-Nava G, Avila-Nava A, Tovar AR, Cossío-Torres PE, **de la Cruz-Mosso U**, Aradillas-García C, Portales- Pérez DP, Noriega LG, Vargas-Morales JM. Genetic risk score for insulin resistance based on gene variants associated to amino acid metabolism in young adults. *PLoS One*. 2024 Feb 29;19(2):e0299543. doi: 10.1371/journal.pone.0299543. PMID: 38422035; PMCID: PMC10903913.
12. Llanos-Becerra G, Dávila-Godínez E, **Torres-Carrillo N**, Rosas-Carrasco O, Sandoval-Pinto E, Beltrán-Ramírez R, **Torres-Carrillo NM**. Low 25-Hydroxyvitamin D [25(OH)D] Levels as a Predictor of Depressive Symptoms: Evidence from Community- Dwelling Older Adults Population in Mexico City. *Exp Aging Res*. 2024 Oct- Dec;50(5):742-752. doi: 10.1080/0361073X.2023.2269803. Epub 2023 Oct 13. PMID:37830306.
 13. Lopez-Cortes OD, Trujillo-Sánchez F, Sierra-Ruelas E, **Martínez-Lopez E**, Di Marzo V, **Vizmanos B**. Association between the FAAH C385A variant (rs324420) and obesity-related traits: a systematic review. *Int J Obes (Lond)*. 2024 Feb;48(2):188-201. doi: 10.1038/s41366-023-01428-9. Epub 2023 Dec 19. PMID: 38114812. <https://doi.org/10.1038/s41366-023-01428-9>
 14. Magaña-de la Vega L, **Martínez-López E**, Sanchez-Murguía T, Madrigal-Juárez A, Rodríguez-Reyes SC, Aguilar-Vega I, **Torres-Castillo N**. Effect of coffee intake on appetite parameters in woman with overweight or obesity: A pilot crossover randomized trial. *Endocrinol Diabetes Nutr (Engl Ed)*. 2024 Jun-Jul;71(6):236-245. doi: 10.1016/j.endien.2024.03.021. PMID: 38986627.
 15. Marchán-Figueroa Y, Tepec-Casarrubias B, **de la Cruz-Mosso U**, Astudillo-López CC, Matia-García I, Salgado-Goytia L, Espinoza-Rojo M, Castro-Alarcón N, Flores-Alfaro E, Parra-Rojas I. Relationship Between Serum Levels of Oxidized Lipoproteins, Circulating Levels of Myeloperoxidase and Paraoxonase 1, and Diet in Young Subjects with Insulin Resistance. *Nutrients*. 2024 Nov 18;16(22):3930. doi: 10.3390/nu16223930. PMID: 39599716; PMCID: PMC11597308.
 16. **Martínez-López E**, Perez-Robles M, Torres-Vanegas J, Godínez-Mora S, Llamas-Covarrubias IM, Campos-Perez W. FTO rs9939609: T>A Variant and Physical Inactivity as Important Risk Factors for Class III Obesity: A Cross-Sectional Study. *Healthcare (Basel)*. 2024 Apr 4;12(7):787. doi: 10.3390/healthcare12070787. PMID: 38610209; PMCID: PMC11012192. <https://doi.org/10.3390/healthcare12070787>
 17. Montoya-Buelna M, Ramirez-Lopez IG, San Juan-Garcia CA, Garcia-Regalado JJ, Millan-Sanchez MS, **de la Cruz-Mosso U**, Haramati J, Pereira-Suarez AL, Macias- Barragan J. Contribution of extracellular vesicles to steatosis-related liver disease and their therapeutic potential. *World J Hepatol*. 2024 Sep 27;16(9):1211-1228. doi: 10.4254/wjh.v16.i9.1211. PMID: 39351515; PMCID: PMC11438597.
 18. Nava-Amante PA, **Betancourt-Núñez A**, Díaz-López A, **Bernal-Orozco MF**, **De la Cruz-Mosso U**, **Márquez-Sandoval F**, **Vizmanos B**. Clusters of Sociodemographic Characteristics and Their Association with Food Insecurity in Mexican University Students. *Foods*. 2024 Aug 10;13(16):2507. doi: 10.3390/foods13162507. PMID: 39200434; PMCID: PMC11353896. <https://doi.org/10.3390/foods13162507>
 19. Pesqueda-Cendejas K, Parra-Rojas I, Campos-López B, Mora-García PE, Ruiz- Ballesteros AI, Rivera-Escoto M, Cerpa-Cruz S, **De la Cruz-Mosso U**. Association of c.+677 C>T (rs1801133) and c.+1298 A>C (rs1801131) *MTHFR* genetic variants with cardiometabolic and disease risk in systemic lupus erythematosus patients: A cross-sectional study. *Lupus*. 2024 Aug;33(9):918-928. doi: 10.1177/09612033241257158. Epub 2024 May 23. PMID: 38782407.
 20. Preciado-Ortiz ME, **Martínez-López E**, García-Iglesias T, Gembe-Olivarez G, **Torres-Castillo N**, Llamas-Covarrubias IM, Rivera-Valdés JJ. 10-Gingerol reduces cytoplasmic lipid droplets and induces lipolysis in 3T3-L1 adipocytes. *Adipocyte*. 2024 Dec;13(1):2411453. doi:

DOCTORADO EN CIENCIAS DE LA NUTRICIÓN TRASLACIONAL PRODUCTIVIDAD CIENTÍFICA, 2024

- 10.1080/21623945.2024.2411453. Epub 2024 Oct 10. PMID: 39385585; PMCID: PMC11468046. <https://doi.org/10.1080/21623945.2024.2411453>
21. Preciado-Ortiz ME, **Martínez-López E**, Pedraza-Chaverri J, Medina-Campos ON, Rodríguez-Echevarría R, Reyes-Pérez SD, Rivera-Valdés JJ. 10-Gingerol Increases Antioxidant Enzymes and Attenuates Lipopolysaccharide-Induced Inflammation by Modulating Adipokines in 3T3-L1 Adipocytes. *Antioxidants* (Basel). 2024 Sep 7;13(9):1093. doi: 10.3390/antiox13091093. PMID: 39334752; PMCID: PMC11429246. <https://doi.org/10.3390/antiox13091093>
22. Reyes-Pérez SD, González-Becerra K, Barrón-Cabrera E, Muñoz-Valle JF, Armendáriz-Borunda J, **Martínez-López E**. FADS1 Genetic Variant and Omega-3 Supplementation Are Associated with Changes in Fatty Acid Composition in Red Blood Cells of Subjects with Obesity. *Nutrients*. 2024 Oct 17;16(20):3522. doi: 10.3390/nu16203522. PMID: 39458515; PMCID: PMC11509948. <https://doi.org/10.3390/nu16203522>
23. Rivera-Escoto M, Campos-López B, Pesqueda-Cendejas K, Ruiz-Ballesteros AI, Mora-García PE, Meza-Meza MR, Parra-Rojas I, Oregon-Romero E, Cerpa-Cruz S, **De la Cruz-Mosso U**. Analysis of Potential Vitamin D Molecule Biomarkers: Association of Calcitriol and Its Hydroxylation Efficiency Ratio with Cardiovascular Disease Risk in Rheumatoid Arthritis Patients. *Biomedicines*. 2024 Jan 25;12(2):273. doi: 10.3390/biomedicines12020273. PMID: 38397875; PMCID: PMC10886495.
24. Rodríguez-Sanabria JS, Rosas-Campos R, Vázquez-Esqueda Á, Palacios-Marín I, Jiménez-Chillaron J, Escutia-Gutiérrez R, Jave-Suarez LF, Galicia-Moreno M, Monroy-Ramírez HC, Cerda-Reyes E, Almeida-López M, **Martínez-López E**, Herrera LA, Armendáriz-Borunda J, Sandoval-Rodríguez A. H3K9me3 demethylation by JMJD2B is regulated by pirfenidone resulting in improved NASH. *Sci Rep*. 2024 Oct 21;14(1):24714. doi: 10.1038/s41598-024-75458-2. PMID: 39433954; PMCID: PMC11494037. <https://doi.org/10.1038/s41598-024-75458-2>
25. Ruiz-Ballesteros AI, **Betancourt-Núñez A**, Meza-Meza MR, Rivera-Escoto M, Mora-García PE, Pesqueda-Cendejas K, **Vizmanos B**, Parra-Rojas I, Campos-López B, Montoya-Buelna M, Cerpa-Cruz S, **De la Cruz-Mosso U**. Relationship of serum and dietary vitamin D with high cardiometabolic risk in Mexican systemic lupus erythematosus patients: A cross-sectional study. *Lupus*. 2024 Jul;33(8):851-863. doi: 10.1177/09612033241252060. Epub 2024 May 6. PMID: 38709772. <https://doi.org/10.1177/0961203324125>
26. Salas-García MA, **Bernal-Orozco MF**, Díaz-López A, **Betancourt-Núñez A**, Nava-Amante PA, Danquah I, Martínez JA, de Luis DA, **Vizmanos B**. Updated-Food Choice Questionnaire: Cultural Adaptation and Validation in a Spanish-Speaking Population from Mexico. *Nutrients*. 2024 Oct 31;16(21):3749. doi: 10.3390/nu16213749. PMID: 39519583; PMCID: PMC11548158. <https://doi.org/10.3390/nu16213749>
27. Sanchez-Murguía T, **Martínez-López E**, Rodríguez-Echevarría R, Madrigal-Juárez A, Rivera-Valdés JJ, Rodríguez-Reyes SC, Torres-Castillo N. Comparison of repeatability of subjective appetite sensations in men and women at different menstrual cycle phase. *Nutr Hosp*. 2024 Oct 31;41(5):1025-1031. English. doi: 10.20960/nh.05153. PMID: 39268569. <http://dx.doi.org/10.20960/nh.05153>
28. Suárez-Manzano S, Ruiz-Ariza A, de Loureiro NEM, **Martínez-López EJ**. Effects of Physical Activity on Cognition, Behavior, and Motor Skills in Youth with Autism Spectrum Disorder: A Systematic Review of Intervention Studies. *Behav Sci* (Basel). 2024 Apr 15;14(4):330. doi: 10.3390/bs14040330. PMID: 38667126; PMCID: PMC11047543. <https://doi.org/10.3390/bs14040330>
29. Torres-Reyes DU, Sánchez-Sánchez MA, de la Rocha C, Rojas-Mayorquín AE, **López-Roa RI**, Ortuño-Sahagún D, **Carrera-Quintanar L**. Modulatory L-Allelin Effect on Acute Inflammatory Cytokines in Diet-Induced Obesity Mice. *Metabolites*. 2024 Oct 27;14(11):580. doi: 10.3390/metabo14110580. PMID: 39590816; PMCID: PMC11596104.

DOCTORADO EN CIENCIAS DE LA NUTRICIÓN TRASLACIONAL PRODUCTIVIDAD CIENTÍFICA, 2024

30. Vásquez-Aguilar F, Vergara-Jiménez MJ, Figueroa-Salcido OG, Arámburo-Gálvez JG, Cárdenas-Torres FI, Ontiveros N, **Martínez-López E**, Barrón-Cabrera E. The Role of Diet and Physical Activity in Shaping COVID-19 Severity: Design, Validation, and Application of a Retrospective Questionnaire. Healthcare (Basel). 2024 Apr 10;12(8):813. doi: 10.3390/healthcare12080813. PMID: 38667575; PMCID: PMC11050546. <https://doi.org/10.3390/healthcare12080813>