

Publicaciones:

24 publicaciones indexadas en pubmed

<https://www.ncbi.nlm.nih.gov/pubmed/?term=torre-villalvazo>

Interaction between the amount of dietary protein and the environmental temperature on the expression of browning markers in adipose tissue of rats. Alemán G, Castro AL, Vigil-Martínez A, Torre-Villalvazo I, Díaz-Villaseñor A, Noriega LG, Medina-Vera I, Ordáz G, Torres N, Tovar AR. *Genes Nutr.* 2019 Jun 4;14:19. doi: 10.1186/s12263-019-0642-x. eCollection 2019.

Genistein increases the thermogenic program of subcutaneous WAT and increases energy expenditure in mice. Palacios-González B, Vargas-Castillo A, Velázquez-Villegas LA, Vasquez-Reyes S, López P, Noriega LG, Aleman G, Tovar-Palacio C, Torre-Villalvazo I, Yang LJ, Zarain-Herzberg A, Torres N, Tovar AR. *J Nutr Biochem.* 2019 Jun;68:59-68. doi: 10.1016/j.jnutbio.2019.03.012. Epub 2019 Mar 29.

NUTRIGENOMICS AS A TOOL IN THE PREVENTION OF LIPOTOXICITY: THE CASE OF SOY PROTEIN. Torres N, Torre-Villalvazo I, Tovar AR. *Rev Invest Clin* 2019;71(3):157-167. doi: 10.24875/RIC.18002843.

Interaction between leucine and palmitate catabolism in 3T3-L1 adipocytes and primary adipocytes from control and obese rats. Salinas-Rubio D, Tovar AR, Torre-Villalvazo I, Granados-Portillo O, Torres N, Pedraza-Chaverri J, Noriega LG. *J Nutr Biochem.* 2018 Sep;59:29-36. doi: 10.1016/j.jnutbio.2018.05.011. Epub 2018 Jun 4.

Long-Term Genistein Consumption Modifies Gut Microbiota, Improving Glucose Metabolism, Metabolic Endotoxemia, and Cognitive Function in Mice Fed a High-Fat Diet. López P, Sánchez M, Perez-Cruz C, Velázquez-Villegas LA, Syeda T, Aguilar-López M, Rocha-Viggiano AK, Del Carmen Silva-Lucero M, Torre-Villalvazo I, Noriega LG, Torres N, Tovar AR. *Mol Nutr Food Res.* 2018 Aug;62(16):e1800313. doi: 10.1002/mnfr.201800313. Epub 2018 Jul 29.

Adiponectin synthesis and secretion by subcutaneous adipose tissue is impaired during obesity by endoplasmic reticulum stress. Torre-Villalvazo I, Bunt AE, Alemán G, Marquez-Mota CC, Diaz-Villaseñor A, Noriega LG, Estrada I, Figueroa-Juárez E, Tovar-Palacio C, Rodríguez-López LA, López-Romero P, Torres N, Tovar AR. *J Cell Biochem.* 2018 Jul;119(7):5970-5984. doi: 10.1002/jcb.26794. Epub 2018 Mar 25.

Maternal overnutrition by hypercaloric diets programs hypothalamic mitochondrial fusion and metabolic dysfunction in rat male offspring. Cardenas-Perez RE, Fuentes-Mera L, de la Garza AL, Torre-Villalvazo I, Reyes-Castro LA, Rodriguez-Rocha H, Garcia-Garcia A, Corona-Castillo JC, Tovar AR, Zambrano E, Ortiz-Lopez R, Saville J, Fuller M, Camacho A. *Nutr Metab (Lond).* 2018 Jun 5;15:38. doi: 10.1186/s12986-018-0279-6. eCollection 2018.

Epigenetics in Multiple Sclerosis: Molecular Mechanisms and Dietary Intervention. Rito Y, Torre-Villalvazo I, Flores J, Rivas V, Corona T. *Cent Nerv Syst Agents Med Chem.* 2018 Jan 26;18(1):8-15. doi:

10.2174/1871524916666160226131842. Review.

Inactivation of SPAK kinase reduces body weight gain in mice fed a high-fat diet by improving energy expenditure and insulin sensitivity.

Torre-Villalvazo I, Cervantes-Pérez LG, Noriega LG, Jiménez JV, Uribe N, Chávez-Canales M, Tovar-Palacio C, Marfil-Garza BA, Torres N, Bobadilla NA, Tovar AR, Gamba G.

Am J Physiol Endocrinol Metab. 2018 Jan 1;314(1):E53-E65. doi:

10.1152/ajpendo.00108.2017. Epub 2017 Oct 24.

Metabolic Fate of Branched-Chain Amino Acids During Adipogenesis, in Adipocytes From Obese Mice and C2C12 Myotubes.

Estrada-Alcalde I, Tenorio-Guzman MR, Tovar AR, Salinas-Rubio D, Torre-Villalvazo I, Torres N, Noriega LG.

J Cell Biochem. 2017 Apr;118(4):808-818. doi: 10.1002/jcb.25755. Epub 2016 Nov 28.

Aguamiel concentrate from *Agave salmiana* and its extracted saponins attenuated obesity and hepatic steatosis and increased *Akkermansia muciniphila* in C57BL6 mice.

Leal-Díaz AM, Noriega LG, Torre-Villalvazo I, Torres N, Alemán-Escondrillas G, López-Romero P, Sánchez-Tapia M, Aguilar-López M, Furuzawa-Carballeda J, Velázquez-Villegas LA, Avila-Nava A, Ordáz G, Gutiérrez-Urbe JA, Serna-Saldivar SO, Tovar AR.

Sci Rep. 2016 Sep 28;6:34242. doi: 10.1038/srep34242.

Autologous subcutaneous adipose tissue transplants improve adipose tissue metabolism and reduce insulin resistance and fatty liver in diet-induced obesity rats.

Torres-Villalobos G, Hamdan-Pérez N, Díaz-Villaseñor A, Tovar AR, Torre-Villalvazo I, Ordaz-Nava G, Morán-Ramos S, Noriega LG, Martínez-Benítez B, López-Garibay A, Torres-Landa S, Ceballos-Cantú JC, Tovar-Palacio C, Figueroa-Juárez E, Hiriart M, Medina-Santillán R, Castillo-Hernández C, Torres N.

Physiol Rep. 2016 Sep;4(17). pii: e12909. doi: 10.14814/phy2.12909.

Fasting and postprandial regulation of the intracellular localization of adiponectin and of adipokines secretion by dietary fat in rats.

Olivares-García V, Torre-Villalvazo I, Velázquez-Villegas L, Alemán G, Lara N, López-Romero P, Torres N, Tovar AR, Díaz-Villaseñor A.

Nutr Diabetes. 2015 Nov 30;5:e184. doi: 10.1038/nutd.2015.34.

Combined high-fat diet and sustained high sucrose consumption promotes NAFLD in a murine model.

Torres-Villalobos G, Hamdan-Pérez N, Tovar AR, Ordaz-Nava G, Martínez-Benítez B, Torre-Villalvazo I, Morán-Ramos S, Díaz-Villaseñor A, Noriega LG, Hiriart M, Medina-Santillán R, Castillo-Hernandez Mdel C, Méndez-Sánchez N, Uribe M, Torres N.

Ann Hepatol. 2015 Jul-Aug;14(4):540-6.

The effect of isorhamnetin glycosides extracted from *Opuntia ficus-indica* in a mouse model of diet induced obesity.

Rodríguez-Rodríguez C, Torres N, Gutiérrez-Urbe JA, Noriega LG, Torre-Villalvazo I, Leal-Díaz AM, Antunes-Ricardo M, Márquez-Mota C, Ordaz G, Chavez-Santoscoy RA, Serna-Saldivar SO, Tovar AR.

Food Funct. 2015 Mar;6(3):805-15. doi: 10.1039/c4fo01092b.

PPAR α via HNF4 α regulates the expression of genes encoding hepatic amino acid catabolizing enzymes to maintain metabolic homeostasis.
Contreras AV, Rangel-Escareño C, Torres N, Alemán-Escondrillas G, Ortiz V, Noriega LG, Torre-Villalvazo I, Granados O, Velázquez-Villegas LA, Tobon-Cornejo S, González-Hirschfeld D, Recillas-Targa F, Tejero-Barrera E, Gonzalez FJ, Tovar AR.
Genes Nutr. 2015 Mar;10(2):452. doi: 10.1007/s12263-014-0452-0. Epub 2015 Jan 10.

Genetic obesity alters recruitment of TANK-binding kinase 1 and AKT into hypothalamic lipid rafts domains.
Delint-Ramirez I, Maldonado Ruiz R, Torre-Villalvazo I, Fuentes-Mera L, Garza Ocañas L, Tovar A, Camacho A.
Neurochem Int. 2015 Jan;80:23-32. doi: 10.1016/j.neuint.2014.11.002. Epub 2014 Nov 10.

Flavonoids and saponins extracted from black bean (*Phaseolus vulgaris* L.) seed coats modulate lipid metabolism and biliary cholesterol secretion in C57BL/6 mice.
Chavez-Santoscoy RA, Gutierrez-Urbe JA, Granados O, Torre-Villalvazo I, Serna-Saldivar SO, Torres N, Palacios-González B, Tovar AR.
Br J Nutr. 2014 Sep 28;112(6):886-99. doi: 10.1017/S0007114514001536.

Differential modulation of the functionality of white adipose tissue of obese Zucker (fa/fa) rats by the type of protein and the amount and type of fat.
Díaz-Villaseñor A, Granados O, González-Palacios B, Tovar-Palacio C, Torre-Villalvazo I, Olivares-García V, Torres N, Tovar AR.
J Nutr Biochem. 2013 Nov;24(11):1798-809. doi: 10.1016/j.jnutbio.2013.03.007. Epub 2013 Jun 14.

Dietary soy protein reduces cardiac lipid accumulation and the ceramide concentration in high-fat diet-fed rats and ob/ob mice.
Torre-Villalvazo I, Gonzalez F, Aguilar-Salinas CA, Tovar AR, Torres N.
J Nutr. 2009 Dec;139(12):2237-43. doi: 10.3945/jn.109.109769. Epub 2009 Oct 14.

Soy protein ameliorates metabolic abnormalities in liver and adipose tissue of rats fed a high fat diet.
Torre-Villalvazo I, Tovar AR, Ramos-Barragán VE, Cerbón-Cervantes MA, Torres N.
J Nutr. 2008 Mar;138(3):462-8.

Regulation of lipid metabolism by soy protein and its implication in diseases mediated by lipid disorders.
Torres N, Torre-Villalvazo I, Tovar AR.
J Nutr Biochem. 2006 Jun;17(6):365-73. Epub 2005 Dec 5. Review.

Soy protein reduces hepatic lipotoxicity in hyperinsulinemic obese Zucker fa/fa rats.
Tovar AR, Torre-Villalvazo I, Ochoa M, Elías AL, Ortíz V, Aguilar-Salinas CA, Torres N.
J Lipid Res. 2005 Sep;46(9):1823-32. Epub 2005 Jul 1.

Renal protection by a soy diet in obese Zucker rats is associated with restoration of nitric oxide generation.
Trujillo J, Ramírez V, Pérez J, Torre-Villalvazo I, Torres N, Tovar AR, Muñoz RM, Uribe N, Gamba G, Bobadilla NA.
Am J Physiol Renal Physiol. 2005 Jan;288(1):F108-16. Epub 2004 Aug 24

Publicaciones de difusión

4 artículos en Rednutricion de la Escuela de Dietética y Nutrición del ISSSTE

2 artículos en Nutrición Hoy. Boletín trimestral de FUNSALUD