

Publicaciones de los últimos 5 años representativas de su trabajo:

Medina-Vera I, Sanchez-Tapia M, Noriega-López L, Granados-Portillo O, Guevara-Cruz M, Flores-López A, Avila-Nava A, Fernández ML, Tovar AR, Torres N (2019). A dietary intervention with functional foods reduces metabolic endotoxaemia and attenuates biochemical abnormalities by modifying faecal microbiota in people with type 2 diabetes. *Diabetes Metab.* 45: 122-131.

Syeda T, Sanchez-Tapia M, Pinedo-Vargas L, Granados O, Cuervo-Zanatta D, Rojas-Santiago E, Díaz-Cintra SA, Torres N, Perez-Cruz C (2018). Bioactive Food Abates Metabolic and Synaptic Alterations by Modulation of Gut Microbiota in a Mouse Model of Alzheimer's Disease. *J Alzheimers Dis.* 66(4):1657-1682.

Guevara-Cruz M, Vargas-Morales JM, Méndez-García AL, López-Barradas AM, Granados-Portillo O, Ordaz-Nava G, Rocha-Viggiano AK, Gutierrez-Leyte CA, Medina-Cerda E, Rosado JL, Morales JC, Torres N, Tovar AR, Noriega LG (2018). Amino acid profiles of young adults differ by sex, body mass index and insulin resistance. *Nutr Metab Cardiovasc Dis.* 28(4):393-401.

Salinas-Rubio D, Tovar AR, Torre-Villalvazo I, Granados-Portillo O, Torres N, Pedraza-Chaverri J, Noriega LG (2018). Interaction between leucine and palmitate catabolism in 3T3-L1 adipocytes and primary adipocytes from control and obese rats. *J Nutr Biochem* 59: 29-36.

Meneses ME, Martínez-Carrera D, Torres N, Sánchez-Tapia M, Aguilar-López M, Morales P, Sobal M, Bernabé T, Escudero H, Granados-Portillo O, Tovar AR (2018). Hypocholesterolemic Properties and Probiotic Effects of Mexican *Ganoderma lucidum* in C57BL/6 Mice. *Plos One.* 11(7).

Avila-Nava A; Noriega LG; Tovar AR; Granados O; Perez-Cruz C; Pedraza-Chaverri J; Nimbe T (2017). Food combination based on a prehispanic Mexican diet decreases metabolic and cognitive abnormalities and gut microbiota dysbiosis caused by a sucrose-enriched high fat diet in rats. *Mol Nut Food Res.* 61(1) 1-13.

Márquez-Mota CC; Rodríguez-Gaytan C; Adjibade P; Mazroui R; Gálvez A; Granados O; Tovar AR; Nimbe T (2016). The Storch!-Signaling Pathway and Hepatic Polyribosome Profile are Enhanced after the Recovery of a Protein Restricted Diet by a Combination of Soy or Black Bean with Corn Protein. *Nutrients.* 8(9): E573.

Velázquez-Villegas LA; López-Barradas AM; Torres N; Hernández-Pando R; León-

Contreras JC; Granados O; Ortíz V; Tovar AR (2015). Prolectin and the dietary protein/carbohydrate ratio regulate the expression of SNAT2 amino acid transporter in the mammary gland during lactation. *Biochem Biophys Acta*. **1848**: 1157-1164.

Contreras AV; Rangel-Escareño C; Torres N; Alemán-Escondrillas G; Ortíz V; Noriega LG; Torres-Villalvazo I; Granados O; Velázquez-Villegas LA; Tobon-Cornejo S; González-Hirschfeld D; Recillas-Targa F; Tejero-Barrera E; González FJ; Tovar AR (2015). PPAR α via HNF4 α regulates the expression of genes encoding hepatic amino acid catabolizing enzymes to maintain metabolic homeostasis. *Genes Nutr*. **10**:3.

Serralde-Zuñiga EA; Guevara-Cruz M; Tovar AR; Herrera-Hernández MF; Noriega LG; Granados O; Torres N (2014). Omental adipose tissue gene expression, gene variants, branched-chain amino acids, and their relationship with metabolic syndrome and insulin resistance in humans. *Genes Nutr*. **9**: 431.

Chavez-Santoscoy AR; Gutierrez-Uribe AJ; Granados O; Torre-Villalvazo I; Serna-Saldivar SO; Torres N; Palacios-Gonzalez B; Tovar AR (2014). Flavonoids and saponins extracted from black bean (*Phaseolus vulgaris* L.) seed coats modulate lipid metabolism and biliary cholesterol secretion in C57BL/6 mice. *Br J Nutr*. **112**: 886-889.

Arellano-Martínez GL; Granados O; Palacios-González B; Torres N; Medina-Vera I; Tovar AR (2014). Soy protein stimulates bile acid excretion by the liver and intestine through direct and indirect pathways influenced by the presence of dietary cholesterol. *Br J Nutr*. **111**: 2059-2066.

Díaz-Villaseñor A; Granados O; González-Palacios B; Tovar-Palacio C; Olivares-García V; Torres N and Tovar AR (2013). 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. *J Nutr Biochem* **24**: 1798-1809.

González-Granillo M; Steffensen KR; Granados O; Torres N; Korach-André M; Ortíz V; Aguilar-Salinas C; Jakobsson T; Díaz-Villaseñor A; Loza-Valdes A; Hernández-Pando R; Gustafsson JA and Tovar AR (2012). Soy protein isoflavones differentially regulate liver X receptor isoforms to modulate lipid metabolism and cholesterol transport in the liver and intestine in mice. *Diabetología* **55**: 2469-2478.