

## References for Improving Gut Wall Impermeability

- Ghosh et al. *Br J Nutr.* 2013 Aug 28;110(3):515-23. Diets rich in n-6 PUFA induce intestinal microbial dysbiosis in aged mice.
- Ghosh et al. *PLoS One.* 2013;8(2):e55468. Fish oil attenuates omega-6 polyunsaturated fatty acid-induced dysbiosis and infectious colitis but impairs LPS dephosphorylation activity causing sepsis.
- Hekmatdoost A et al. *Am J Physiol Gastrointest Liver Physiol.* 2013 May 15;304(10):G917-28. Dietary oils modify the host immune response and colonic tissue damage following *Citrobacter rodentium* infection in mice.
- Ferrere G et al. *PLoS One.* 2016 Jan 5;11(1):e0146177. Activation of Kupffer Cells Is Associated with a Specific Dysbiosis Induced by Fructose or High Fat Diet in Mice.
- Di Luccia B et al. *PLoS One.* 2015 Aug 5;10(8):e0134893. Rescue of Fructose-Induced Metabolic Syndrome by Antibiotics or Faecal Transplantation in a Rat Model of Obesity.
- Park DY et al. *World J Gastroenterol.* 2013 Jan 14;19(2):274-83. Dual probiotic strains suppress high fructose-induced metabolic syndrome.
- Tabernero M et al. *J Agric Food Chem.* 2011 Aug 24;59(16):8968-75. Metabolite production during in vitro colonic fermentation of dietary fiber: analysis and comparison of two European diets.
- MacFabe DF. *Microb Ecol Health Dis.* 2015 May 29;26:28177. Enteric short-chain fatty acids: microbial messengers of metabolism, mitochondria, and mind: implications in autism spectrum disorders.
- MacFabe DF. *Microb Ecol Health Dis.* 2012 Aug 24;23. Short-chain fatty acid fermentation products of the gut microbiome: implications in autism spectrum disorders.
- Montgomery MK et al. *J Lipid Res.* 2013 Dec;54(12):3322-33. Contrasting metabolic effects of medium- versus long-chain fatty acids in skeletal muscle.
- Frohlich EE. *Eur J Microbiol Immunol (Bp).* 2015 Mar;5(1):1-13. Reevaluating the hype: four bacterial metabolites under scrutiny.
- Laursen MF, Andersen LBB, Michaelsen KF, Mølgaard C, Trolle E, Bahl MI, Licht TR. 2016. Infant gut microbiota development is driven by transition to family foods independent of maternal obesity. *mSphere* 1(1):e00069-15.
- Moschen, A. R., Wieser, V., & Tilg, H. (2012). Dietary Factors: Major Regulators of the Gut's Microbiota. *Gut and Liver*, 6(4), 411–416.
- Rodriguez-Lagunas MJ et al. Effect of eicosapentaenoic acid-derived prostaglandin E3 on intestinal epithelial barrier function. *Prostaglandins Leukot Essent Fatty Acids.* 2013 May;88(5):339-45.