

## The Benefits of Polyphenols and a Low Fructose Diet References

### Polyphenol Related Reference:

Anhe F, et al. Gut Microbiota Dysbiosis in Obesity-Linked Metabolic Diseases and Prebiotic Potential of Polyphenol-Rich Extracts. *Curr Obes Rep.* 2015. Dec;4(4):389-400. <https://pubmed.ncbi.nlm.nih.gov/26343880/>.

Gombart AF, et al. A Review of Micronutrients and the Immune System-Working in Harmony to Reduce the Risk of Infection. *Nutrients.* 2020. Jan 15;12(1):236. <https://pubmed.ncbi.nlm.nih.gov/31963293/>.

Gray B, et al. Omega -3 fatty acids: a review of the effects on adiponectin and leptin and potential implications for obesity management. *Eur J Clin Nutr.* 2013. Dec; 67(12):1234-42. <https://pubmed.ncbi.nlm.nih.gov/24129365/>.

Kodali M, et al. Resveratrol prevents age-related memory and mood dysfunction with increased hippocampal neurogenesis and microvasculature reduced glial activation. *Sci Rep.* 2015. Jan 28;5:8075. <https://pubmed.ncbi.nlm.nih.gov/25627672/>.

Perez-Jimenez J, et al. Identification of the 100 richest dietary sources of polyphenols: an application of the Phenol-Explorer Database. *Eur J Clin Nutr.* 2010. Nov 3;2010:S112-S120. <https://www.nature.com/articles/ejcn2010221>.

Serafini M, et al. Functional Foods for Health: The Interrelated Antioxidant and Anti-Inflammatory Role of Fruits, Vegetables, Herbs, Spices and Cocoa in Humans. *Curr Pharm Des.* 2016;22(44):6701-6715. <https://pubmed.ncbi.nlm.nih.gov/27881064/>.

Tizabi Y, et al. Relevance of the anti-inflammatory properties of curcumin in neurodegenerative disease and depression. *Molecules.* 2014. Dec 12;19(12):20864-79. <https://pubmed.ncbi.nlm.nih.gov/25514226/>.

Van Vlet S, et al. Health-Promoting Phytonutrients Are Higher in Grass-Fed Meat and Milk. *Front. Sustain. Food Syst.* 01 February 2021. <https://www.frontiersin.org/articles/10.3389/fsufs.2020.555426/full>.

Wang J, et al. Connection between Systemic Inflammation and Neuroinflammation Underlies Neuroprotective Mechanism of Several Phytochemicals in Neurodegenerative Diseases. *Oxid Med Cell Longev.* 2018. Oct 8;2018:1972714. <https://pubmed.ncbi.nlm.nih.gov/30402203/>.

### Fructose Related References:

Bremer AA, et al. Toward a Unifying Hypothesis of Metabolic Syndrome. *Pediatrics.* 2012 Mar; 129(3):557-570. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3289531/>.

Erkin-Cakmak A., et al. Isocaloric Fructose Restriction Reduces Serum d-Lactate Concentration in Children With Obesity and Metabolic Syndrome. *J. Clin Endocrinol Metab.* 2019 Jul 1;104(7):3003-3011. <https://pubmed.ncbi.nlm.nih.gov/30869790/>.

Lustig R. Fructose: it's "alcohol without the buzz." *Adv Nutr.* 2013 Mar 1;4(2):226-235. <https://pubmed.ncbi.nlm.nih.gov/23493539/>.

Lustig RH, et al. Isocaloric fructose restriction and metabolic improvement in children with obesity and metabolic syndrome. *Obesity (Silver Spring).* 2016 Feb;24(2):453-460. <https://pubmed.ncbi.nlm.nih.gov/26499447/>

Softic S, et al. Fructose and Hepatic Insulin Resistance. *Crit Rev Clin Lab Sci.* 2020 Aug;57(5):308-322. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7774304/>.

Taskinen MR, et al. Dietary Fructose and the Metabolic Syndrome. *Nutrients.* 2019 Aug 22;11(9):1987. <https://pubmed.ncbi.nlm.nih.gov/31443567/>