

The Berry Power: Anthocyanin's Role in Oxidative Stress & Chronic Disease References

Franco-San Sebastián D, Alaniz-Monreal S, Rabadán-Chávez G, et al. Anthocyanins: Potential Therapeutic Approaches towards Obesity and Diabetes Mellitus Type 2. *Molecules*. 2023 Jan 27;28(3):1237. <https://doi.org/10.3390/molecules28031237>.

Jayarathne S, Stull A, Park O, et al. Protective Effects of Anthocyanins in Obesity-Associated Inflammation and Changes in Gut Microbiome. *Mol Nutr Food Res*. 2019 Oct;63(20):e1900149. <https://doi.org/10.1002/mnfr.201900149>.

Kalt W, Cassidy A, Howard LR, et al. Recent Research on the Health Benefits of Blueberries and Their Anthocyanins. *Adv Nutr*. 2020 Mar 1;11(2):224-236. <https://doi.org/10.1093/advances/nmz065>.

Li S, Wu B, Fu W, et al. The Anti-inflammatory Effects of Dietary Anthocyanins against Ulcerative Colitis. *Int J Mol Sci*. 2019 May 27;20(10):2588. <https://doi.org/10.3390/ijms20102588>.

Ma L, Sun Z, Zeng Y, et al. Molecular Mechanism and Health Role of Functional Ingredients in Blueberry for Chronic Disease in Human Beings. *International Journal of Molecular Sciences*. 2018; 19(9):2785. <https://doi.org/10.3390/ijms19092785>.

Morris, G., Berk, M. The many roads to mitochondrial dysfunction in neuroimmune and neuropsychiatric disorders. *BMC Med*. 2015 Apr;13:68. <https://doi.org/10.1186/s12916-015-0310-y>.

Salehi B, Sharifi-Rad J, Cappellini F, et al. The Therapeutic Potential of Anthocyanins: Current Approaches Based on Their Molecular Mechanism of Action. *Front Pharmacol*. 2020 Aug 26;11:1300. <https://doi.org/10.3389/fphar.2020.01300>.

Sunil L, Shetty NP. Biosynthesis and regulation of anthocyanin pathway genes. *Appl Microbiol Biotechnol*. 2022 Mar;106(5-6):1783-1798. <https://doi.org/10.1007/s00253-022-11835-z>.

Ullah R, Khan M, Shah SA, et al. Natural Antioxidant Anthocyanins-A Hidden Therapeutic Candidate in Metabolic Disorders with Major Focus in Neurodegeneration. *Nutrients*. 2019 May;11(6):1195. <https://doi.org/10.3390/nu11061195>.

Wang J, Song Y, Chen Z, 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://doi.org/10.1155/2018/1972714>.