

## Reference List

### **Strawberries and Cardiometabolic Health: Current and Future Directions for Research**

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1. Afrin S, Gasparini M, Forbes-Hernandez TY, et al. Promising health benefits of the strawberry: A focus on clinical studies. *J Agric Food Chem.* 2016;64(22):4435-4449. doi:10.1021/acs.jafc.6b00857
2. Eckel RH, Grundy SM, Zimmet PZ. The metabolic syndrome. *Lancet.* 2005;365(9468):1415-1428. doi:10.1016/S0140-6736(05)66378-7
3. Lichtenstein AH, Appel LJ, Vadiveloo M, et al. 2021 dietary guidance to improve cardiovascular health: A scientific statement from the American heart association. *Circulation.* 2021;144(23):e472-e487. doi:10.1161/CIR.0000000000001031
4. Xu S, Ilyas I, Little PJ, et al. Endothelial dysfunction in atherosclerotic cardiovascular diseases and beyond: From mechanism to pharmacotherapies. *Pharmacol Rev.* 2021;73(3):924-967. doi:10.1124/pharmrev.120.000096
5. Cassidy A, O'Reilly ÉJ, Kay C, et al. Habitual intake of flavonoid subclasses and incident hypertension in adults. *Am J Clin Nutr.* 2011;93(2):338-347. doi:10.3945/ajcn.110.006783
6. Miller JC, Satheesh Babu AK, Petersen C, et al. Gut microbes are associated with the vascular beneficial effects of dietary strawberry on metabolic syndrome-induced vascular inflammation. *Mol Nutr Food Res.* Published online 2022:e2200112. doi:10.1002/mnfr.202200112
7. Gao Q, Dong JY, Cui R, et al. Japan Public Health Center-based Prospective Study Group. Consumption of flavonoid-rich fruits, flavonoids from fruits and stroke risk: a prospective cohort study. *Br J Nutr.* Published online 2021.
8. Basu A, Betts NM, Nguyen A, Newman ED, Fu D, Lyons TJ. Freeze-dried strawberries lower serum cholesterol and lipid peroxidation in adults with abdominal adiposity and elevated serum lipids. *J Nutr.* 2014;144(6):830-837. doi:10.3945/jn.113.188169
9. Basu A, Schell J, Scofield RH. Dietary fruits and arthritis. *Food Funct.* 2018;9(1):70-77. doi:10.1039/c7fo01435j
10. Schell J, Scofield R, Barrett J, et al. Strawberries improve pain and inflammation in obese adults with radiographic evidence of knee osteoarthritis. *Nutrients.* 2017;9(9):949. doi:10.3390/nu9090949
11. Basu A, Izuora K, Betts NM, et al. Dietary strawberries improve cardiometabolic risks in adults with obesity and elevated serum LDL cholesterol in a randomized controlled crossover trial. *Nutrients.* 2021;13(5). doi:10.3390/nu13051421.Basuetal.Antioxidants2021

12. Heneghan C, Kiely M, Lyons J, Lucey A. The effect of berry-based food interventions on markers of cardiovascular and metabolic health: A systematic review of randomized controlled trials. *Mol Nutr Food Res*. 2018;62(1). doi:10.1002/mnfr.201700645
13. Park E, Edirisinghe I, Wei H, et al. A dose-response evaluation of freeze-dried strawberries independent of fiber content on metabolic indices in abdominally obese individuals with insulin resistance in a randomized, single-blinded, diet-controlled crossover trial. *Mol Nutr Food Res*. 2016;60(5):1099-1109. doi:10.1002/mnfr.201500845
14. Huang Y, Park E, Edirisinghe I, Burton-Freeman BM. Maximizing the health effects of strawberry anthocyanins: understanding the influence of the consumption timing variable. *Food Funct*. 2016;7(12):4745-4752. doi:10.1039/c6fo00995f
15. Zhang X, Sandhu A, Edirisinghe I, Burton-Freeman B. An exploratory study of red raspberry (*Rubus idaeus* L.) (poly)phenols/metabolites in human biological samples. *Food Funct*. 2018;9(2):806-818. doi:10.1039/c7fo00893g
16. Ginsberg HN. Insulin resistance and cardiovascular disease. *J Clin Invest*. 2000;106(4):453-458. doi:10.1172/JCI10762
17. Adeva-Andany MM, Martínez-Rodríguez J, González-Lucán M, Fernández-Fernández C, Castro-Quintela E. Insulin resistance is a cardiovascular risk factor in humans. *Diabetes Metab Syndr*. 2019;13(2):1449-1455. doi:10.1016/j.dsx.2019.02.023
18. Edirisinghe I, Banaszewski K, Cappozzo J, Sandhya K. Strawberry anthocyanin and its association with postprandial inflammation and insulin. *Brit J Nutr*. 2011;106(6):913-922. doi:10.1017/S0007114511001176.Moezenetal2013
19. Huang L, Xiao D, Zhang X, et al. Strawberry consumption, cardiometabolic risk factors, and vascular function: A randomized controlled trial in adults with moderate hypercholesterolemia. *J Nutr*. 2021;151(6):1517-1526. doi:10.1093/jn/nxab034