

## The Environment and Our Health: What is Oxidative Stress?

### Fact Sheet Citations

1. Phaniendra, A., Jestadi, D. B., & Periyasamy, L. (2015). Free radicals: properties, sources, targets, and their implication in various diseases. *Indian journal of clinical biochemistry : IJCB*, 30(1), 11–26. <https://doi.org/10.1007/s12291-014-0446-0>
2. Harvard Health Publishing. (2019). *Understanding Antioxidants*.  
<https://www.health.harvard.edu/staying-healthy/understanding-antioxidants>
3. Gangwar, R. S., Bevan, G. H., Palanivel, R., Das, L., & Rajagopalan, S. (2020). Oxidative stress pathways of air pollution mediated toxicity: Recent insights. *Redox biology*, 34, 101545. <https://doi.org/10.1016/j.redox.2020.101545>
4. Tan, B. L., Norhaizan, M. E., Liew, W. P., & Sulaiman Rahman, H. (2018). Antioxidant and Oxidative Stress: A Mutual Interplay in Age-Related Diseases. *Frontiers in pharmacology*, 9, 1162. <https://doi.org/10.3389/fphar.2018.01162>
5. Caliri, A. W., Tommasi, S., & Besaratinia, A. (2021). Relationships among smoking, oxidative stress, inflammation, macromolecular damage, and cancer. *Mutation research. Reviews in mutation research*, 787, 108365. <https://doi.org/10.1016/j.mrrev.2021.108365>
6. Pizzino, G., Irrera, N., Cucinotta, M., Pallio, G., Mannino, F., Arcoraci, V., Squadrito, F., Altavilla, D., & Bitto, A. (2017). Oxidative Stress: Harms and Benefits for Human Health. *Oxidative medicine and cellular longevity*, 8416763. <https://doi.org/10.1155/2017/8416763>
7. National Institutes of Health: National Center for Complementary and Integrative Medicine. (2013). *Antioxidants: In Depth*. <https://www.nccih.nih.gov/health/antioxidants-in-depth>
8. Sharma, G., Gupta, G., Sharma, P. (2018). A Comprehensive Review of Free Radicals, Antioxidants, and Their Relationship with Human Ailments. *Critical Reviews in Eukaryotic Gene Expression*, 28(2):139–154. <https://doi.org/10.1615/critreveukaryotgeneexpr.2018022258>
9. Tan, B. L., Norhaizan, M. E., & Liew, W. P. (2018). Nutrients and Oxidative Stress: Friend or Foe?. *Oxidative medicine and cellular longevity*, 9719584. <https://doi.org/10.1155/2018/9719584>