

## Retraction

# Retracted: Nitroxyl (HNO): A Reduced Form of Nitric Oxide with Distinct Chemical, Pharmacological, and Therapeutic Properties

### Oxidative Medicine and Cellular Longevity

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Oxidative Medicine and Cellular Longevity has retracted the article titled “Nitroxyl (HNO): A Reduced Form of Nitric Oxide with Distinct Chemical, Pharmacological, and Therapeutic Properties” [1]. The article was found to contain a substantial amount of material from the following published articles:

- (i) Nazareno Paolocci, Matthew I. Jackson, Brenda E. Lopez, Katrina Miranda, Carlo G. Tocchetta, David A. Wink, Adrian J. Hobbs, Jon M. Fukuto: The pharmacology of nitroxyl (HNO) and its therapeutic potential: Not just the janus face of NO1. *Pharmacology & Therapeutics* Volume 113, Issue 2, February 2007, Pages 442–458.
- (ii) Jon M. Fukuto, Michael D. Bartberger, Andrew S. Dutton, Nazareno Paolocci, David A. Wink, and K. N. Houk: The Physiological Chemistry and Biological Activity of Nitroxyl (HNO): The Neglected, Misunderstood, and Enigmatic Nitrogen Oxide. *Chemical Research in Toxicology* 2005 18 (5), 790–801. DOI: 10.1021/tx0496800.
- (iii) Christopher H. Switzer, Wilmarie Flores-Santana, Daniele Mancardi, Sonia Donzelli, Debashree Basudhar, Lisa A. Ridnour, Katrina M. Miranda, Jon M. Fukuto, Nazareno Paolocci, David A. Wink: The emergence of nitroxyl (HNO) as a pharmacological agent. *Biochimica et Biophysica Acta (BBA) - Bioenergetics* Volume 1787, Issue 7, July 2009, Pages 835–840.
- (iv) Irvine, Jennifer C. et al. Nitroxyl (HNO): the Cinderella of the nitric oxide story. *Trends in Pharmacological Sciences*, Volume 29, Issue 12, 601–608.
- (v) Katrina M. Miranda: The chemistry of nitroxyl (HNO) and implications in biology. *Coordination Chemistry Reviews* Volume 249, Issues 3–4, February 2005, Pages 433–455.

### References

- [1] M. E. Shoman and O. M. Aly, “Nitroxyl (HNO): a reduced form of nitric oxide with distinct chemical, pharmacological, and therapeutic properties,” *Oxidative Medicine and Cellular Longevity*, vol. 2016, Article ID 4867124, 15 pages, 2016.