Trimethylamine-N-Oxide Induces Vascular Inflammation by Activating the NLRP3 Inflammasome Through the SIRT3-SOD2-mtROS Signaling Pathway

In the article by Chen et al, “Trimethylamine-N-Oxide Induces Vascular Inflammation by Activating the NLRP3 Inflammasome Through the SIRT3-SOD2-mtROS Signaling Pathway,” which published online September 4, 2017, and appeared in the September 2017 issue of the journal (J Am Heart Assoc. 2017;6:e006347. DOI: 10.1161/JAHA.117.006347), errors occurred. On page 1, in the abstract, in the Methods and Results section, line 9, “Conversely, TMAO failed to further inhibit magnesium SOD2” was corrected to read “Conversely, TMAO failed to further inhibit SOD2.”

On page 15, the legend to Figure 8, line 3, “dismutase (SOD)” was corrected to “dismutase 2 (SOD2)” and “superoxide” was corrected to “superoxide.” Accordingly, “SOD” in Figure 8 was corrected to “SOD2.” The corrected Figure 8 is presented below.

The authors and publisher regret these errors.

The online version of the article has been updated and is available at http://jaha.ahajournals.org/content/6/9/e006347

© 2017 The Authors. Published on behalf of the American Heart Association, Inc., by Wiley. This is an open access article under the terms of the Creative Commons Attribution-NonCommercial License, which permits use, distribution and reproduction in any medium, provided the original work is properly cited and is not used for commercial purposes.
Figure 8. Trimethylamine-N-oxide (TMAO) mediated vascular inflammation by activating the nucleotidebinding oligomerization domain–like receptor family pyrin domain–containing 3 (NLRP3) inflammasome via the sirtuin-3 (SIRT3)–superoxide dismutase 2 (SOD2)–mitochondrial reactive oxygen species (mtROS) signaling pathway.
Trimethylamine–N–Oxide Induces Vascular Inflammation by Activating the NLRP3 Inflammasome Through the SIRT3–SOD2–mtROS Signaling Pathway

J Am Heart Assoc. 2017;6:e002238; originally published November 8, 2017;
doi: 10.1161/JAHA.117.002238
The Journal of the American Heart Association is published by the American Heart Association, 7272 Greenville Avenue,
Dallas, TX 75231
Online ISSN: 2047-9980

The online version of this article, along with updated information and services, is located on the
World Wide Web at:
http://jaha.ahajournals.org/content/6/11/e002238

Subscriptions, Permissions, and Reprints: The Journal of the American Heart Association is an online only Open