



## Correction to: Monitoring Dose Response of Cyanide Antidote Dimethyl Trisulfide in Rabbits Using Diffuse Optical Spectroscopy

Jangwoen Lee<sup>1</sup> · Gary Rockwood<sup>2</sup> · Brian Logue<sup>3</sup> · Erica Manandhar<sup>3</sup> · Ilona Petrikovics<sup>4</sup> · Changhoon Han<sup>5</sup> · Vikhyat Bebartha<sup>6</sup> · Sari B. Mahon<sup>1</sup> · Tanya Burney<sup>1</sup> · Matthew Brenner<sup>1,7</sup>

Published online: 3 January 2019  
© American College of Medical Toxicology 2019

**Correction to: J. Med. Toxicol. (2018) 14: 295-305**  
<https://doi.org/10.1007/s13181-018-0680-6>

In “Monitoring Dose Response of Cyanide Antidote Dimethyl Trisulfide in Rabbits using Diffuse Optical Spectroscopy” by Lee et al., in the December 2018 issue of *Journal of Medical Toxicology* (Volume 14, Issue 4, pp. 295-305), the Conclusions section of the Abstract neglected to acknowledge the rhodanese mediated role of DMTS. The originally published version concludes: “This study demonstrated potential efficacy for the novel approach of supplying substrate for non-rhodanese mediated sulfur transferase pathways for CN detoxification via intramuscular injection in a

moderate size animal model, and showed that DOS was useful for optimizing the DMTS treatment.” The corrected Conclusions section of the Abstract is the following: “This study demonstrated potential efficacy for the novel approach of supplying DMTS, a sulfur donor for both rhodanese mediated sulfur transferase pathways and non-enzymatic CN detoxification, via intramuscular injection in a moderate size animal model and showed that DOS was useful for optimizing the DMTS treatment.” The authors and the journal respectfully apologize for this error.

**Publisher’s Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

---

The online version of the original article can be found at <https://doi.org/10.1007/s13181-018-0680-6>

---

✉ Jangwoen Lee  
jangwl@uci.edu

- <sup>1</sup> Beckman Laser Institute, University of California, Irvine, 1002 Health Sciences Rd. East, Irvine, CA 92612-1475, USA
- <sup>2</sup> Analytical Toxicology Division, US Army Medical Research Institute of Chemical Defense, 2900 Ricketts Point Road, Aberdeen Proving Ground, Aberdeen, MD 21010, USA
- <sup>3</sup> Department of Chemistry and Biochemistry, South Dakota State University, Brookings, SD 57007, USA
- <sup>4</sup> Department of Chemistry, Sam Houston State University, Huntsville, TX 77341, USA
- <sup>5</sup> Department of Internal Medicine, National Health Insurance Service Ilsan Hospital, Goyang-si, Geonggi-do 10444, South Korea
- <sup>6</sup> Department of Emergency Medicine-Medical Toxicology and Pharmacology, University of Colorado School of Medicine, Aurora, CO 80045, USA
- <sup>7</sup> Division of Pulmonary and Critical Care Medicine, Department of Medicine, University of California, Irvine, California 92868, USA