

Author's Accepted Manuscript

Alternative functions of the brain transsulfuration pathway represent an underappreciated aspect of brain redox biochemistry with significant potential for therapeutic engagement

Kenneth Hensley, Travis T. Denton



www.elsevier.com/locate/freerad-biomed

PII: S0891-5849(14)01082-X
DOI: <http://dx.doi.org/10.1016/j.freeradbiomed.2014.10.581>
Reference: FRB12213

To appear in: *Free Radical Biology and Medicine*

Received date: 11 September 2014

Revised date: 23 October 2014

Accepted date: 23 October 2014

Cite this article as: Kenneth Hensley, Travis T. Denton, Alternative functions of the brain transsulfuration pathway represent an underappreciated aspect of brain redox biochemistry with significant potential for therapeutic engagement, *Free Radical Biology and Medicine*, <http://dx.doi.org/10.1016/j.freeradbiomed.2014.10.581>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Revised for: *Free Radical Biology and Medicine*
October 17, 2014

Alternative functions of the brain transsulfuration pathway represent an underappreciated aspect of brain redox biochemistry with significant potential for therapeutic engagement

Kenneth Hensley, PhD*
Associate Professor
Department of Pathology and Department of Neurosciences
University of Toledo Health Science Campus
3000 Arlington Avenue
Toledo OH 43614
Email Kenneth.Hensley@utoledo.edu
Tel. 419-383-3442

Travis T. Denton, PhD
Assistant Professor
Department of Pharmaceutical Sciences
Washington State University College of Pharmacy
P.O. Box 1495
Spokane, WA 99201
Email Travis.Denton@WSU.edu
Tel. 509-368-6624

*To whom correspondence should be addressed.

Acknowledgements. This work was supported in part by a University of Toledo Foundation Biomedical Innovation Award (KH); the Muscular Dystrophy Association (MDA217526; KH); the National Institutes of Health (NS082283; KH); and the Washington State University-Spokane Seed Grant Program (TTD). KH is the inventor on U.S. patent 7,683,055 covering composition and use of lanthionine ketimine derivatives including lanthionine ketimine-ester (LKE) and is co-founder of a company engaged in commercial development of the technology.

Download English Version:

<https://daneshyari.com/en/article/8269537>

Download Persian Version:

<https://daneshyari.com/article/8269537>

[Daneshyari.com](https://daneshyari.com)