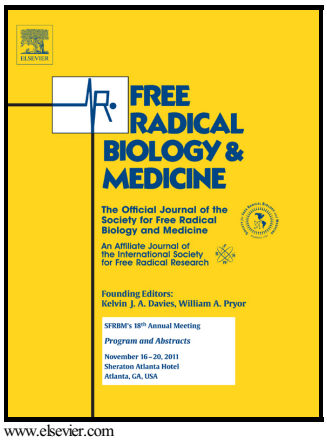
Cellular targets of the myeloperoxidase-derived oxidant hypothiocyanous acid (HOSCN) and its role in the inhibition of glycolysis in macrophages.

Dominic T. Love, Tessa J. Barrett, Melanie Y. White, Stuart J. Cordwell, Michael J. Davies, Clare L. Hawkins



www.elsevier.com

PII: S0891-5849(16)00067-8
DOI: http://dx.doi.org/10.1016/j.freeradbiomed.2016.02.016
Reference: FRB12756

To appear in: *Free Radical Biology and Medicine*

Received date: 3 November 2015
Revised date: 12 February 2016
Accepted date: 15 February 2016

Cite this article as: Dominic T. Love, Tessa J. Barrett, Melanie Y. White, Stuart J. Cordwell, Michael J. Davies and Clare L. Hawkins, Cellular targets of the myeloperoxidase-derived oxidant hypothiocyanous acid (HOSCN) and its role in the inhibition of glycolysis in macrophages., *Free Radical Biology and Medicine,* http://dx.doi.org/10.1016/j.freeradbiomed.2016.02.016

Cellular targets of the myeloperoxidase-derived oxidant hypothiocyanous acid (HOSCN) and its role in the inhibition of glycolysis in macrophages.

Dominic T. Love[1,2§], Tessa J. Barrett[1,2§], Melanie Y. White[3], Stuart J. Cordwell[3], Michael J. Davies[1,2,4], Clare L. Hawkins[1, 2]*

[1]The Heart Research Institute, 7 Eliza St, Newtown, NSW, 2042, Australia; [2]Sydney Medical School, University of Sydney, Sydney, NSW, 2006, Australia; [3]School of Molecular Bioscience, School of Medical Sciences, and Charles Perkins Centre, University of Sydney, 2006, Australia; [4]Department of Biomedical Sciences, Panum Institute, University of Copenhagen, Blegdamsvej 3, Copenhagen 2200, Denmark

Running title: HOSCN inhibits macrophage glycolysis

§ These authors contributed equally

*To whom correspondence should be addressed: Associate Professor Clare Hawkins, The Heart Research Institute, 7 Eliza St, Newtown, NSW, 2042, Australia. Telephone: +61-2-8208-8900. Fax: +61-2-9565-5584. Email: clare.hawkins@hri.org.au