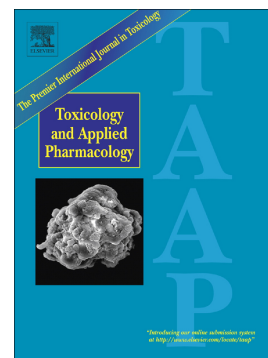


## Accepted Manuscript

H<sub>2</sub>S protects lipopolysaccharide-induced inflammation by blocking NFκB transactivation in endothelial cells

Caitlyn Bourque, Yanjie Zhang, Ming Fu, Mélanie Racine, Adam Greasley, Yanxi Pei, Lingyun Wu, Rui Wang, Guangdong Yang



PII: S0041-008X(17)30441-6  
DOI: doi:[10.1016/j.taap.2017.11.004](https://doi.org/10.1016/j.taap.2017.11.004)  
Reference: YTAAP 14090  
To appear in: *Toxicology and Applied Pharmacology*  
Received date: 10 July 2017  
Revised date: 23 October 2017  
Accepted date: 7 November 2017

Please cite this article as: Caitlyn Bourque, Yanjie Zhang, Ming Fu, Mélanie Racine, Adam Greasley, Yanxi Pei, Lingyun Wu, Rui Wang, Guangdong Yang , H<sub>2</sub>S protects lipopolysaccharide-induced inflammation by blocking NFκB transactivation in endothelial cells. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ytaap(2017), doi:[10.1016/j.taap.2017.11.004](https://doi.org/10.1016/j.taap.2017.11.004)

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 proof before it is published in its final 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.

**H<sub>2</sub>S protects lipopolysaccharide-induced inflammation by blocking NFκB transactivation in endothelial cells**

Caitlyn Bourque<sup>1,2</sup>, Yanjie Zhang<sup>2,3</sup>, Ming Fu<sup>2,4,5,6</sup>, Mélanie Racine<sup>1,2</sup>, Adam Greasley<sup>1,2</sup>, Yanxi Pei<sup>3</sup>, Lingyun Wu<sup>2,4,6</sup>, Rui Wang<sup>2,5</sup>, and Guangdong Yang<sup>1,2\*</sup>

<sup>1</sup>Department of Chemistry and Biochemistry, <sup>2</sup>Cardiovascular and Metabolic, Research Unit, Laurentian University, Sudbury, Canada

<sup>3</sup>School of Life Science, Shanxi University, Taiyuan, China

<sup>4</sup>School of Human Kinetics and <sup>5</sup>Department of Biology, Laurentian University, Sudbury, Canada

<sup>6</sup>Health Science North Research Institute, Sudbury, Canada

**Running title:** H<sub>2</sub>S protects LPS-induced endothelial damage

\* Authors for Correspondence:

Dr. G. Yang

The Department of Chemistry and Biochemistry, Laurentian University

935 Ramsey Lake Road, Sudbury

Ontario, Canada P3E2C6

Tel: (705) 675-1151 (ext. 2350)

Email: gyang2@laurentian.ca

Download English Version:

<https://daneshyari.com/en/article/8538969>

Download Persian Version:

<https://daneshyari.com/article/8538969>

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