Author's response to reviews

Title: Mitochondria-targeted antioxidant MitoQ ameliorates experimental mouse colitis by suppressing NLRP3 inflammasome-mediated inflammatory cytokines

Authors:

Amarjargal Dashdorj (amka0206@gmail.com)
Jyothi K.R. (jyothibiosci@gmail.com)
Sangbin Lim (dark2lsb@nate.com)
Ara Jo (ahahyeah@naver.com)
Nam Minh Nguyen (minhnam1984@gmail.com)
Joohan Ha (hajh@khu.ac.kr)
Kyung-Sik Yoon (sky9999@khu.ac.kr)
Hyo Jong Kim (hjkim@khmc.or.kr)
Jae-Hoon Park (jhpark@khu.ac.kr)
Michael P Murphy (mpm@mrc-mbu.cam.ac.uk)
Sung Soo Kim (sgskim@khu.ac.kr)

Version: 8 Date: 3 July 2013

Author's response to reviews: see over
3rd July, 2013

Sabina Alam, Ph.D.
Editor-in-Chief BMC-Medicine,
BioMed Central
236 Gray’s Inn Road
London WC1X 8HB
United Kingdom
Email: info@biomedcentral.com
Phone: +44 (0) 20 3192 2009
Fax: +44 (0) 20 3192 2010

Dear Dr. Sabina Alam

RE: Manuscript MS: 3967196349611999
Manuscript title: Mitochondria-targeted antioxidant MitoQ ameliorates experimental mouse colitis by suppressing NLRP3 inflammasome-mediated inflammatory cytokines.

We would like to thank you for giving us the opportunity to re-revise our manuscript. As the reviewer suggested in your letter on June 26th, we have revised the manuscript again. We hope that the present manuscript will be deemed acceptable for publication in the BMC-Medicine.

The following provides our point-by-point responses to the reviewer’s comment. We believe the statements presented in response to the reviewer’s comment have allowed us to further improve our manuscript. We would appreciate your reviewing our revised manuscript and look forward to hearing from you soon.
Thank you very much.

Sincerely,

Sung Soo Kim, M.D., Ph.D.

Department of Biochemistry and Molecular Biology,

School of Medicine,

Kyung Hee University,

#1, Hoegi-dong, Dongdaemoon-gu,

Seoul 130-701, Korea

Tel: 822-961-0524

Fax: 822-959-8168

E-mail: sgskim@khu.ac.kr

Reviewer: Atsushi Mizoguchi

Reviewer’s report:

I still have a concern regarding whether the chemically induced epithelial damage can reflect the mechanism of acute phase of inflammatory bowel disease. However, this may be a nomenclature issue, and I do not oppose the publication of this revised manuscript.

Response: Thank you for your comment. In the last paragraph of the Discussion, you will see our description regarding our study limitations and possible future directions (Page 17, line 11-22).