Author's response to reviews

Title: Overexpression of extracellular superoxide dismutase reduces acute radiation induced lung toxicity

Authors:

Zahid N Rabbani (zahid@radonc.duke.edu)
Mitchell S Anscher (anscher@radonc.duke.edu)
Rodney J Folz (folz0001@mc.duke.edu)
Emerald Archer (earcher@ups.edu)
Hong Huang (hong.huang@radonc.duke.edu)
Liguang Chen (lchen@radonc.duke.edu)
Maria L Golson (mgolson@mail.med.upenn.edu)
Thaddeus S Samulski (tvs@radonc.duke.edu)
Mark W Dewhirst (dewhirst@radonc.duke.edu)
Zeljko Vujaskovic (vujas@radonc.duke.edu)

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Author's response to reviews: see over
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Dear Editor

BMC Cancer

Title: Overexpression of extracellular superoxide dismutase reduces acute radiation induced lung toxicity

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Please find enclosed revised manuscript entitled “Overexpression of extracellular superoxide dismutase reduces acute radiation induced lung toxicity” by Rabbani et al.

We have revised the manuscript according to the reviewer’s suggestions. The following are the responses to reviewer question

Reviewer’s Question:

Page 11, Fig 5.

I still do not understand why the levels of active TGF-β1 are not presented. Or the total levels of TGF-β1. The ratios active/total are not sufficient to interpret the actual TGF-β1 activation of the lungs! This has to be amended!

➢ Thanks for the consideration of this manuscript and suggestions. We changed the data presentation from ratios of active / total TGF-β1 to actual total and active TGF-β1 levels. We made following changes in manuscript;

A) We replaced figure 5 (previously ratios of active / total TGF-β) to total and active TGF-β levels.

B) Text changes in para 1 page 8: We excluded the sentence “The activated TGF-β1 level was divided by the total TGF-β1, then multiplied by 100 to calculate the percent of activated TGF-β1”

C) Text changed accordingly in Last paragraph page 11.

D) Text changed accordingly in Figure Legend 5.

Sincerely yours,

Zeljko Vujaskovic M.D., Ph.D.,
Department of Radiation Oncology,
Duke University Medical Center,
Box 3455 DUMC
Durham, NC 27710
919-681-1675 (phone)
919-684-8718 (fax)