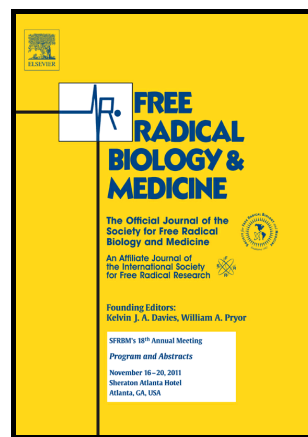


Author's Accepted Manuscript

ER- resident antioxidative GPx7 and GPx8 enzyme isoforms protect insulin-secreting INS-1E β -cells against lipotoxicity by improving the ER antioxidative capacity

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www.elsevier.com

PII: S0891-5849(17)30704-9
DOI: <http://dx.doi.org/10.1016/j.freeradbiomed.2017.07.021>
Reference: FRB13398

To appear in: *Free Radical Biology and Medicine*

Received date: 7 March 2017
Revised date: 20 July 2017
Accepted date: 22 July 2017

Cite this article as: Ilir Mehmeti, Stephan Lortz, Edward Avezov, Anne Jörns and Sigurd Lenzen, ER- resident antioxidative GPx7 and GPx8 enzyme isoform protect insulin-secreting INS-1E β -cells against lipotoxicity by improving the ER antioxidative capacity, *Free Radical Biology and Medicine* <http://dx.doi.org/10.1016/j.freeradbiomed.2017.07.021>

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ER- resident antioxidative GPx7 and GPx8 enzyme isoforms protect insulin-secreting INS-1E β -cells against lipotoxicity by improving the ER antioxidative capacity

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Abstract:

Increased circulating levels of saturated fatty acids (FFAs) and glucose are considered to be major mediators of β -cell dysfunction and death in T2DM. Although it has been proposed that endoplasmic reticulum (ER) and oxidative stress play a crucial role in gluco/lipotoxicity, their

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