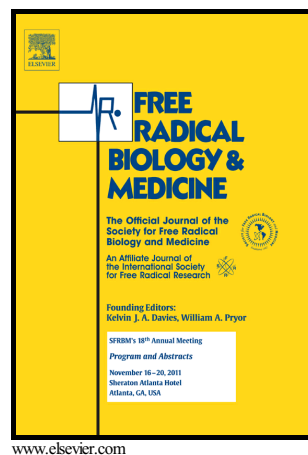


## Author's Accepted Manuscript

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PII: S0891-5849(17)30714-1  
DOI: <http://dx.doi.org/10.1016/j.freeradbiomed.2017.07.033>  
Reference: FRB13410

To appear in: *Free Radical Biology and Medicine*

Received date: 30 May 2017  
Revised date: 24 July 2017  
Accepted date: 30 July 2017

Cite this article as: Jan Blecha, Silvia Magalhaes Novais, Katerina Rohlenova, Eliska Novotna, Sandra Lettlova, Sabine Schmitt, Hans Zischka, Jiri Neuzil and Jakub Rohlena, Antioxidant defense in quiescent cells determines selectivity of electron transport chain inhibition-induced cell death, *Free Radical Biology and Medicine*, <http://dx.doi.org/10.1016/j.freeradbiomed.2017.07.033>

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## Antioxidant defense in quiescent cells determines selectivity of electron transport chain inhibition-induced cell death

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### ABSTRACT

Mitochondrial electron transport chain (ETC) targeting shows a great promise in cancer therapy. It is particularly effective in tumors with high ETC activity where ETC-derived reactive oxygen species (ROS) are efficiently induced. Why modern ETC-targeted compounds are tolerated on the organismal level remains unclear. As most somatic cells are in non-proliferative state, the features associated with the ETC in quiescence could account

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