Accepted Manuscript

Structural characterization of cardiolipin-driven activation of cytochrome C into a peroxidase and membrane perturbation

Dariush Mohammadyani, Naveena Yanamala, Alejandro K. Samhan Arias, Alexander A. Kapralov, German Stepanov, Nick Nuar, Joan Planas-Iglesias, Narinder Sanghera, Valerian E. Kagan, Judith Klein-Seetharaman



PII: S0005-2736(18)30009-9

DOI: https://doi.org/10.1016/j.bbamem.2018.01.009

Reference: BBAMEM 82679

To appear in:

Received date: 26 May 2017

Revised date: 14 December 2017 Accepted date: 4 January 2018

Please cite this article as: Dariush Mohammadyani, Naveena Yanamala, Alejandro K. Samhan Arias, Alexander A. Kapralov, German Stepanov, Nick Nuar, Joan Planas-Iglesias, Narinder Sanghera, Valerian E. Kagan, Judith Klein-Seetharaman, Structural characterization of cardiolipin-driven activation of cytochrome C into a peroxidase and membrane perturbation. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbamem(2018), https://doi.org/10.1016/j.bbamem.2018.01.009

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.

ACCEPTED MANUSCRIPT

STRUCTURAL CHARACTERIZATION OF CARDIOLIPIN-DRIVEN ACTIVATION OF CYTOCHROME C INTO A PEROXIDASE AND MEMBRANE PERTURBATION

Dariush Mohammadyani ^{1,2§}, Naveena Yanamala ^{3§}, Alejandro K. Samhan Arias ¹, Alexander A. Kapralov ¹, German Stepanov ⁴, Nick Nuar ⁵, Joan Planas-Iglesias ⁶, Narinder Sanghera ⁶, Valerian E. Kagan ¹ and Judith Klein-Seetharaman ^{6*}

¹Department of Environmental and Occupational Health, University of Pittsburgh, PA 15219, USA

²Thomas C. Jenkins Department of Biophysics, Johns Hopkins University, Baltimore, MD 21218, USA

³National Institute for Occupational Safety and Health/Centers for Disease Control and Prevention, Morgantown, WV 26505, USA

⁴Department of Medical Biophysics, Russian State Medical University, Moscow 117997, Russia

⁵Department of Bioengineering, University of Pittsburgh, PA 15213, USA

⁶Division of Metabolic and Vascular Health, Medical School, University of Warwick, Coventry CV4 7AL, UK

§These authors are joint co-authors.

*To whom correspondence should be addressed. Judith Klein-Seetharaman, Professor, Division of Metabolic and Vascular Health, Medical School, University of Warwick, Coventry CV4 7AL, UK. Tel: 02476 573 806; fax: 02476 574 637; e-mail: J.Klein-Seetharaman@warwick.ac.uk

Download English Version:

https://daneshyari.com/en/article/8299473

Download Persian Version:

https://daneshyari.com/article/8299473

Daneshyari.com