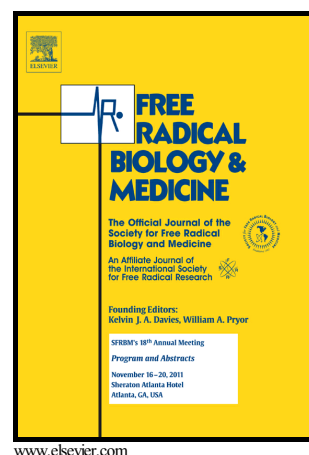


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PII: S0891-5849(18)30160-6
DOI: <https://doi.org/10.1016/j.freeradbiomed.2018.03.048>
Reference: FRB13695

To appear in: *Free Radical Biology and Medicine*

Received date: 22 December 2017
Revised date: 23 March 2018
Accepted date: 28 March 2018

Cite this article as: James C. Weaver, Steven A. Krilis and Bill Giannakopoulos, Oxidative post-translational modification of β 2-glycoprotein I in the pathophysiology of the anti-phospholipid syndrome, *Free Radical Biology and Medicine*, <https://doi.org/10.1016/j.freeradbiomed.2018.03.048>

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Oxidative post-translational modification of β 2-glycoprotein I in the pathophysiology of the anti-phospholipid syndrome.

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Abstract:

The anti-phospholipid syndrome (APS) is a prothrombotic autoimmune disorder characterized by either thrombosis or pregnancy complications in the setting of persistent anti-phospholipid antibodies (aPL). β 2-glycoprotein I (β 2-GPI) is the major autoantigen in APS that binds anionic phospholipids as well as specific receptors on platelets and endothelial cells resulting in activation of prothrombotic pathways. β 2-GPI consists of 5 Domains that exist in a circular or linear form, with the latter occurring after binding to anionic phospholipids. β 2-GPI also undergoes

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