



Appendix 1: Recent Mitochondrial Reviews and/or Papers Published in FRBM

Reviews

2014–2016

May, J.M.

Ascorbic acid repletion: A possible therapy for diabetic macular edema?

(2016) Free Radical Biology and Medicine, 94, pp. 47–54.

<http://dx.doi.org/10.1016/j.freeradbiomed.2016.02.019>

Graham, A.

Mitochondrial regulation of macrophage cholesterol homeostasis

(2015) Free Radical Biology and Medicine, 89, pp. 982–992.

<http://dx.doi.org/10.1016/j.freeradbiomed.2015.08.010>

Wegiel, B., Hauser, C.J., Otterbein, L.E.

Heme as a danger molecule in pathogen recognition

(2015) Free Radical Biology and Medicine, 89, pp. 651–661.

<http://dx.doi.org/10.1016/j.freeradbiomed.2015.08.020>

Zhang, L., Wang, K., Lei, Y., Li, Q., Nice, E.C., Huang, C.

Redox signaling: Potential arbitrator of autophagy and apoptosis in therapeutic response

(2015) Free Radical Biology and Medicine, 89, pp. 452–465.

<http://dx.doi.org/10.1016/j.freeradbiomed.2015.08.030>

Wang, X., Hai, C.

Redox modulation of adipocyte differentiation: Hypothesis of "redox Chain" and novel insights into intervention of adipogenesis and obesity

(2015) Free Radical Biology and Medicine, 89, pp. 99–125.

<http://dx.doi.org/10.1016/j.freeradbiomed.2015.07.012>

Fourcade, S., Ferrer, I., Pujol, A.

Oxidative stress, mitochondrial and proteostasis malfunction in adrenoleukodystrophy: A paradigm for axonal degeneration

(2015) Free Radical Biology and Medicine, 88, pp. 18–29.

<http://dx.doi.org/10.1016/j.freeradbiomed.2015.05.041>

Pinto, M., Moraes, C.T.

Mechanisms linking mtDNA damage and aging

(2015) Free Radical Biology and Medicine, 85, pp. 250–258.

<http://dx.doi.org/10.1016/j.freeradbiomed.2015.05.005>

Gomez-Cabrera, M.C., Salvador-Pascual, A., Cabo, H., Ferrando, B., Vina, J.
Redox modulation of mitochondrialogenesis in exercise. Does antioxidant supplementation blunt the benefits of exercise training?
(2015) Free Radical Biology and Medicine, 86, pp. 37–46.
<http://dx.doi.org/10.1016/j.freeradbiomed.2015.04.006>

Kaniak-Golik, A., Skoneczna, A.
Mitochondria-nucleus network for genome stability
(2015) Free Radical Biology and Medicine, 82, art. no. 12281, pp. 73–104.
<http://dx.doi.org/10.1016/j.freeradbiomed.2015.01.013>

Lloret, A., Fuchsberger, T., Giraldo, E., Viña, J.
Molecular mechanisms linking amyloid β toxicity and Tau hyperphosphorylation in Alzheimer's disease
(2015) Free Radical Biology and Medicine, 83, pp. 186–191.
<http://dx.doi.org/10.1016/j.freeradbiomed.2015.02.028>

Chang, H.-W., Shtessel, L., Lee, S.S.
Collaboration between mitochondria and the nucleus is key to long life in *Caenorhabditis elegans*
(2015) Free Radical Biology and Medicine, 78, pp. 168–178.
<http://dx.doi.org/10.1016/j.freeradbiomed.2014.10.576>

Dinkova-Kostova, A.T., Abramov, A.Y.
The emerging role of Nrf2 in mitochondrial function
(2015) Free Radical Biology and Medicine, 88 (Part B), pp. 179–188.
<http://dx.doi.org/10.1016/j.freeradbiomed.2015.04.036>

Chen, X., Qian, Y., Wu, S.
The Warburg effect: Evolving interpretations of an established concept
(2015) Free Radical Biology and Medicine, 79, pp. 253–263.
<http://dx.doi.org/10.1016/j.freeradbiomed.2014.08.027>

Chang, C.-F., Diers, A.R., Hogg, N.
Cancer cell metabolism and the modulating effects of nitric oxide
(2015) Free Radical Biology and Medicine, 79, pp. 324–336.
<http://dx.doi.org/10.1016/j.freeradbiomed.2014.11.012>

Hayashi, G., Cortopassi, G.
Oxidative stress in inherited mitochondrial diseases
(2015) Free Radical Biology and Medicine, 88, pp. 10–17.
<http://dx.doi.org/10.1016/j.freeradbiomed.2015.05.039>

Berdoukas, V., Coates, T.D., Cabantchik, Z.I.
Iron and oxidative stress in cardiomyopathy in thalassemia
(2015) Free Radical Biology and Medicine, 88, pp. 3–9.
<http://dx.doi.org/10.1016/j.freeradbiomed.2015.07.019>

Lebold, K.M., Traber, M.G.
Interactions between α -tocopherol, polyunsaturated fatty acids, and lipoxygenases during embryogenesis
(2014) Free Radical Biology and Medicine, 66, pp. 13–19.
<http://dx.doi.org/10.1016/j.freeradbiomed.2013.07.039>

Forman, H.J., Davies, K.J.A., Ursini, F.
How do nutritional antioxidants really work: Nucleophilic tone and para-hormesis versus free radical scavenging *in vivo*
(2014) Free Radical Biology and Medicine, 66, pp. 24–35.
<http://dx.doi.org/10.1016/j.freeradbiomed.2013.05.045>

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