

Special Issue

Antioxidant Response in Skeletal Muscle

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of the skeletal-muscle-focused antioxidant responses accompanying both physiological (e.g., exercise) and pathological challenges. The latter involves muscle injury, metabolic diseases, muscle dystrophy, carcinogenesis, systemic inflammation, inactivity or immobilization, to only name a few disorders capable of altering redox balance. Authors are invited to submit their latest original and innovative research findings or review articles with new insights into the association between scavenging capacity and cell signaling, muscle function and muscle metabolism in the response to stressors. Both human and animal studies are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

Editor-in-Chief

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