**DESCRIPTION**

_Free Radical Biology and Medicine_ is the premier forum for publishing groundbreaking research in the redox biology of both health and disease. We focus on signal transduction and redox signaling; oxidative stress; reductive stress; redox stress; nitrosative stress; aging and age-related diseases; metabolic regulation and metabolic diseases; mitochondrial function and signaling; homeostatic mechanisms and adaptive responses; redox chemistry and mechanisms; materials & nanomaterials; non-thermal plasmas; microorganisms, fungi, plants, insects, animals, and humans; and antioxidant enzymes, pathways, and networks. We welcome both full-length and short Research Communications, Hypothesis Papers, Reviews, Mini Reviews, Graphical Reviews, and Critical Methods Papers. _Free Radical Biology and Medicine_ also commissions themed Special Issues aimed at highlighting recent advances in both basic and clinical fields, with a particular focus on mechanisms underlying altered metabolism and redox signaling.

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INTRODUCTION

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