REDOX BIOLOGY
An official Journal of the Society for Redox Biology and Medicine and the Society for Free Radical Research-Europe

DESCRIPTION

Redox Biology is a forum for novel research, methods and review articles in redox biology in the areas of both health and disease. Acceptable paper types are research articles (short or full communications), methods, mini-reviews, and commentaries in the following areas: Nutrition Polyphenolics Cancer Metabolism Cardiovascular Diabetes Inflammation Aging Neuroscience Cell and Molecular Biology Cell Signaling Bioenergetics

Redox Biology will also consider research articles focused in chemical or biochemical mechanisms of redox biology, if these include data demonstrating effects in physiologically relevant models. Studies of uncharacterized complex mixtures of natural products are not a suitable area of focus for the journal. Studies using commercial, undefined kits as the sole or primary assay for redox related changes which are not validated using other methods will not be considered for publication.

Redox Biology introduces Graphical Redox Reviews. These reviews will summarize schematically key concepts, established and novel ideas in redox biology which will be accessible to a broad audience and freely downloaded as PowerPoint slides for use in teaching or conference presentations.

Graphical Redox Reviews ideally should have a format of 3-5 color schemes with a title, short introductory paragraph, extended figure legends, and include up to 20 selected citations.

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INTRODUCTION

Redox Biology is a forum for novel research, methods and review articles in redox biology in the areas of both health and disease.

Types of article and Scope
Acceptable paper types are research articles, methods, mini-reviews, and commentaries in the following areas: Nutrition; Polyphenolics; Cancer; Metabolism; Cardiovascular; Diabetes; Inflammation; Aging; Neuroscience; Cell and Molecular Biology; Cell Signaling; Bioenergetics.

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Studies using commercial, undefined kits as the sole or primary assay for redox related changes which are not validated using other methods will not be considered for publication

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Stylistic details must be kept constant. For example, electron spin resonance is abbreviated either ESR or EPR (for electron paramagnetic resonance). Either can be used, but both should be given and stated as equivalent at the first mention. (This is the recommendation of the International EPR Society.) Formulas for radicals follow IUPAC recommendations and contain a superscripted (not centered) large dot that precedes a charge, if any. Thus, superoxide is represented by $\text{O}_2^•−$, not $\text{O}_2−•$, or some other permutation. The terms reactive oxygen and nitrogen species should be used sparingly but not in titles and in cases where the specific molecule being studied is known e.g. hydrogen peroxide or nitric oxide.

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