

Special Issue

Free Radicals in Biology and Medicine

Message from the Guest Editors

Free radicals are highly reactive molecules that can damage cells and contribute to various diseases. They are produced as a byproduct of normal cellular processes, as well as from external sources such as but not limited to pollution and radiation. Antioxidants are molecules that can neutralize free radicals and protect cells from damage. They can be found in foods such as fruits and vegetables, as well as produced by the body. A balance between free radical and antioxidant levels is important for maintaining good health, and an imbalance can lead to cellular damage and disease. The special issue of "Free Radicals in Biology and Medicine" focuses on the latest advances in the field of free radicals and their impact on biology and medicine. We welcome contributions in the form of original research and review articles that cover all aspects related to free radicals in biology and medicine. These include reactive oxygen, nitrogen, and sulfur species, as well as the analysis methodologies used to understand their production, cellular targets, and mechanisms of action. Also, we welcome contributions on the role of antioxidant defenses, both enzymatic and non-enzymatic.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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