

Special Issue

Redox-Related Molecules in Biofilm Lifestyles

Message from the Guest Editors

In this special issue, we want to collect contributions reporting **the knowledge of nature-derived extracts, small molecules and proteins (e.g. enzymes) which can modulate the biofilm formation or its protective environment through redox-related mechanisms either directly or indirectly**. We also intend to collect contributions where the potential of redox-related proteins is investigated as a target for the development or identification of antibiofilm agents and biofilm modulators. Moreover, their role in strategies to fight pathogenic or to modulate beneficial biofilms by including mechanistic insights of the action on biofilms would be of great interest to this Special Issue.

Guest Editors

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Dr. Salvatore Princiotta

Deadline for manuscript submissions

closed (31 August 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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