

## Special Issue

# Oxidative Stress in Lung Diseases and Cancer: Focus on Drug Development

### Message from the Guest Editor

Increasing studies have proven that oxidative stress contributes to various lung diseases, including pneumonia, pulmonary fibrosis and lung cancer. Hence, multiple antioxidant therapeutic strategies are being explored along with the enhanced comprehension of the pathophysiology of lung diseases associated with oxidative stress, some of which are currently undergoing clinical trials. In order to better understand the progress of research on drugs for the treatment of lung diseases and then to promote their further development, we invite the submission of both reviews and original articles that shed light on the discovery of the antioxidant therapeutic strategies for lung disease. Topics include the following: the discovery of natural antioxidant compounds from natural plants, foods, animals and microorganisms; the design, synthesis and structure optimization of lead compounds with antioxidant activity; the biological evaluation and mechanistic investigations of bioactive compounds; drug repositioning; drug metabolites as sources of new antioxidants and old drug combinations as antioxidants.

### Guest Editor

Dr. Yanhua Fan

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### Deadline for manuscript submissions

closed (30 June 2024)



## Antioxidants

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Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



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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.

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### Editor-in-Chief

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