

## Special Issue

# Cigarette Smoking: Associated Oxidative Stress and Health Hazards

### Message from the Guest Editors

Tobacco use is one of the most significant public health hazards facing today's world. According to a report by the World Health Organization, tobacco kills half of its users. Typically, cigarette smoke (CS) contains thousands of harmful chemicals, such as reactive oxygen species (ROS), tar, and particulate matter, which result in the orchestration of disease-related symptoms. Tobacco smoking is the primary risk factor for the development of chronic inflammatory lung diseases (asthma, chronic obstructive pulmonary disease). Chronic exposure to cigarette smoke activates different cellular pathways that result in inflammation, cellular metabolic shifts, oxidative stress, protease–antiprotease, and cellular apoptosis in the lungs. This Special Issue aims to cover the recent in vitro, in vivo, and clinical research updates in the field of cigarette-smoke-induced health disorders. Original articles, short communications, and reviews related to these topics are welcome for submission.

### Guest Editors

Prof. Dr. Philip M. Hansbro

Dr. Keshav Raj Paudel

Dr. Vivek Dharwal

### Deadline for manuscript submissions

closed (15 April 2023)



## Antioxidants

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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

Prof. Dr. Alessandra Napolitano

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