

Special Issue

NRF2 in Health and Diseases

Message from the Guest Editors

NRF2 is an essential transcriptional activator of antioxidant response element–bearing genes encoding antioxidant, drug-metabolizing, glutathione-homeostasis enzymes as well as other host defense proteins. Investigators found that NRF2 not only contributes to redox balance for host protection from oxidative stress but also activates a broad spectrum of other cellular functions. We invite investigators to contribute research or review papers that will bring together current findings concerning the role of NRF2 in physiological and pathological conditions. We are interested in papers that investigate various human disorders and their model systems as well as in those describing well-characterized NRF2-associated molecular mechanisms. Potential topics include but are not limited to the role of NRF2 pathways in model systems of critical disorders; NRF2 in developmental cells and tissues; metabolome and NRF2; latest omics technologies to assess NRF2-directed events; NRF2 in tumor suppression or promotion; novel insights from epidemiological and clinical studies on NRF2; recent advances in NRF2 modulators and supplemental antioxidant therapies.

Guest Editors

Dr. Hye-Youn Cho

Immunity, Inflammation and Disease Laboratory, National Institute of Environmental Health Sciences, National Institutes of Health, Durham, NC 27709, USA

Dr. Steven R. Kleeberger

National Institute of Environmental Health Sciences (NIEHS), Research Triangle Park, United States

Deadline for manuscript submissions

closed (30 November 2021)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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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

Prof. Dr. Alessandra Napolitano

Department of Chemical Sciences, University of Naples “Federico II”,
Via Cintia 4, I-80126 Naples, Italy

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