

Special Issue

Potential Applications of NRF2 Modulators in Therapy

Message from the Guest Editor

Nuclear factor erythroid 2-related factor 2 (Nrf2) is considered the master regulator of the cytoprotective response in cells. Activated by reactive oxygen species and other toxic stimuli, Nrf2 elicits a plethora of beneficial effects that reduce inflammation and oxidative stress, promote mitochondrial function and enhance autophagy, amongst others. Given the positive broad-spectrum effect of Nrf2 activation, stimulating the Nrf2 pathway in disease is of growing interest. This Special Issue will explore the potential application of Nrf2 pharmacological modulators in novel disease states and provide updates on the role of Nrf2 in health and disease to further our understanding of Nrf2 therapeutics and their clinical application.

Guest Editor

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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