

Special Issue

Natural, Semi-Synthetic and Synthetic Compounds Acting on Heme Oxygenase System

Message from the Guest Editors

Heme oxygenases (HOs) are a family of enzymes responsible for the regiospecific catabolism of the pro-oxidant heme into carbon monoxide, biliverdin, and bilirubin. Between the isoforms identified so far, HO-1 is a highly inducible, stress-responsive protein, well-known for its cyto-protective effects. This Special Issue will encompass a selection of original research papers and reviews aimed to highlight the beneficial effects of HO induction or inhibition through natural, synthetic and semi-synthetic agents.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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