



## Oxidative Stress and Brain Injury

Guest Editors:

**Prof. Dr. Vittorio Fineschi**

Department of Anatomical,  
Histological, Forensic and  
Orthopaedic Sciences, Sapienza  
University of Rome, Viale Regina  
Elena 336, 00161 Rome, RM, Italy

**Prof. Dr. Andreas Buettner**

Director and Chair, Institute of  
Forensic  
Medicine/Rechtsmedizin,  
Rostock University Medical  
Center, Rostock, Germany

Deadline for manuscript  
submissions:

**closed (22 December 2019)**

### Message from the Guest Editors

In this Special Issue on “Oxidative Stress and Brain Injury”, we invite front-line researchers and investigators to submit both original research and review articles regarding the following potential topics, but not limited to:

- Measurement of ROS;
- Pathology of brain injuries;
- Traumatic brain injuries;
- Hypoxic-ischemic brain damage;
- Experimental Model of brain injuries;
- Targeted therapy of brain injuries;
- Drug of abuse and ROS;
- Histological diagnosis of brain injuries;
- Epigenetic of brain injuries;
- miRNA and prognosis of neural damages;
- Novel approach and proof of principle in therapy;
- Related quality of life after brain injuries.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI