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Connection between Oxidative Stress and Hemorrhagic/Ischemic Cerebral Vascular Diseases

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Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

In this Special Issue entitled “Connection between Oxidative Stress and Hemorrhagic/Ischemic Cerebral Vascular Disease”, we sincerely invite you to submit your latest research findings either as an original research or review article regarding the role of oxidative stress and neuroinflammation in cerebral vascular diseases. We encourage submissions on topics including but not limited to:

- (1) Oxidative-stress-related pathophysiological mechanisms after stroke;
- (2) Hypoxia-derived neuroinflammation and modulation strategies after stroke;
- (3) Oxidative-stress-related subcellular organelle changes in neuronal and other cell types after stroke;
- (4) Oxidative-stress-related programmed cell death in neuronal and other cell types after stroke;
- (5) Cell–cell connections for maintaining neuronal functions under hypoxia and oxidative stress after stroke;
- (6) Oxidative stress-related blood brain barrier disruption after stroke;
- (7) Nrf2-related pharmacological targets and innovational compounds for the treatment of stroke.



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Special Issue



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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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