

Special Issue

Ischemic Brain Injury: Cerebral Metabolism and Imaging

Message from the Guest Editor

Ischemic brain injury, which is mainly attributed to a decrease in cerebral blood flow (CBF) into the brain, is dominantly known as acute ischemic stroke and also exists in other CNS diseases. Imaging techniques are valuable and necessary for monitoring these changes. These include laser Doppler blood flow monitoring, two-photo confocal imaging, color ultrasound imaging, laser speckle contrast imaging (LSI), magnetic resonance imaging (MRI), positron emission tomography (PET), single-photon emission computed tomography (SPECT), imaging mass spectrometry (IMS), etc. Helped by imaging, it is possible to measure ischemic changes such as CBF, microvasculature, and tissue/cellular metabolism in vitro and in vivo. This Special Issue is highlighting cerebral vascular regulation, metabolism, and imaging after ischemic injuries that exist in associated CNS disorders. There are total of seven papers now.

Guest Editor

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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