

## Special Issue

# Digital Imaging in Acute Ischemic Stroke

### Message from the Guest Editor

This Special Issue will focus on the utilization of digital imaging modalities, such as computed tomography (CT), magnetic resonance imaging (MRI), and angiography, in the assessment of acute ischemic stroke. It will cover topics including the role of advanced imaging techniques in the early detection of stroke, evaluation of the extent of cerebral ischemia, identification of salvageable brain tissue, and prediction of treatment responses.

Additionally, this Special Issue will highlight the emerging role of artificial intelligence (AI) and machine learning algorithms in analyzing medical images to improve stroke diagnosis and prognosis. It will explore the potential of AI-based image analysis in identifying imaging biomarkers, predicting clinical outcomes, and guiding personalized treatment strategies.

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### Guest Editor

Dr. Philip Hoelter

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### Deadline for manuscript submissions

closed (31 January 2025)



## Diagnostics

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### Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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