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Digital Imaging in Acute Ischemic Stroke

Guest Editor:

Dr. Philip Hoelter

Department of Neuroradiology,
University Hospital Erlangen,
Friedrich-Alexander-Universität
Erlangen-Nürnberg (FAU),
Schwabachanlage 6, 91054
Erlangen, Germany

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Message from the Guest Editor

Dear Colleagues,

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.

Dr. Philip Hoelter
Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical
Physiology, Nuclear Medicine &
PET National University Hospital,
Rigshospitalet, University of
Copenhagen, Blegdamsvej 9, DK-
2100 Copenhagen, Denmark

Message from the Editor-in-Chief

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Diagnostics Editorial Office
MDPI, St. Alban-Anlage 66
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