

# Metabolomics in Stroke

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Metabolomics is a new and rapidly growing field in medicine studying the metabolite construction of cells, tissues and fluids. Not only new biomarkers of disease are available due to the advanced technology of metabolomic medicine, but also ways for targeted therapy and prevention.

This is also the case in stroke. Stroke is one of the major causes of death and disability. 2/3 of the cases are a result of arterial occlusion, while the rest 1/3 present with hemorrhage. The risk of recurrence is relevantly high, as is the deterioration and the economic burden. No one can dismiss the role of the neurologist and the neurosurgeon in cases of stroke, but giving the new wave of metabolomic medicine, could we dismiss the new approach that it offers for the therapy and prevention of stroke?