



Small Vessel Disease: New Perspectives on an Emerging Reality

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Message from the Guest Editor

SVD (Small Vessel Disease) is an ongoing process, which begins with altered microvessels and pial arteries and ends in subcortical dementia; CBF regional selective decrease seems to be one of the critical factors for the progression from small vessel disease to small vessel disease-related dementia. The most relevant aspects still under debate are the modality of changing from typical aging small vessel disease toward dementia; the impact of aging and age-gene interactions in arteriolosclerosis, endothelium dysfunction, pericyte alterations, and astrocyte modifications, which are caused, promoted, or potentiated by hypoperfusion and metabolic disruption; altered neurovascular coupling, a secondary or a causative (primary) defect in SVD; and potential clinical rescue from SVD, knowing different times of its development, probably by acting precociously, simultaneously via various strategies (anti-inflammatory, anti-oxidant, anti-thrombotic, and perhaps via nutraceutical promotions, acting as co-enzymatic promoters).

This Special Issue will aim to shed some light on these fascinating aspects.





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Message from the Editor-in-Chief

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