

Special Issue

Small Vessel Disease: New Perspectives on an Emerging Reality

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.

Guest Editor

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