



NEUROSCIENCE CONFERENCE SERIES

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“Membrane type-matrix metalloproteinases are newcomers to the Alzheimer’s field”

Recent failures in clinical trials in Alzheimer's disease paradoxically open new avenues for a more holistic approach that considers its multifactorial etiology and puts forward the need for new relevant targets. Recent data in experimental models of the disease strongly support the idea that membrane type-matrix metalloproteinases (MT-MMPs) are multifunctional proteinases at the crossroads of amyloidogenesis, neuroinflammation and dysfunctional neuronal activity, three pillars in the pathogenesis of Alzheimer's disease. Ongoing work in our laboratory is focused on the validation of MT-MMPs as new targets in Alzheimer's disease to the prospects of gaining insight into Alzheimer's mechanisms and designing alternative therapeutic strategies.

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Hour: 12:30

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