

Review of: "Somatostatin and the pathophysiology of Alzheimer's disease"

Gonzalo Aranda-Abreu¹

¹ Universidad Veracruzana

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In the article entitled "Somatostatin and the pathophysiology of Alzheimer's disease" the author does a very comprehensive and updated review of a hypothesis that was proposed in the 1980s about the contribution of somatostatin to Alzheimer's disease.

The review is very interesting as it describes that somatostatin co-localization of interneuron somatostatin with amyloid plaques lead to cell death, which will lead to neuropsychological deficits such as those found in Alzheimer's disease.

The author also details that SST-INS in early stages of the disease can lead to presynaptic inhibition of GABA-B that downregulates and internalizes the GABA-B1A-APP complex driving amyloid peptide development.