

Hipocampal sclerosis, a massive cell death in the hippocampal formation and in the other regions of temporal lobe, is considered as hallmark of [temporal lobe epilepsy](#) (TLE). Despite the numerous antiepileptic drugs (AEDs) commercially available, about 30-40% of patients remain with seizures refractory to pharmacological treatment. In addition, there is no drug with significant efficacy to modify the epileptogenesis process <sup>1)</sup>.

1)

Fernandes MJ, Carneiro JE, Amorim RP, Araujo MG, Nehlig A. Neuroprotective agents and modulation of temporal lobe epilepsy. *Front Biosci (Elite Ed)*. 2015 Jan 1;7:90-106. PubMed PMID: 25553365.

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