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Ablation of Aberrant Neurogenesis Fails to Attenuate Cognitive Deficit of Chronically Epileptic Mice

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Highlights

- Ablation of overall newborn granule cells Pre- and post-SE has no effect on chronically cognitive deficit.
- An overall decrease of aberrant neurogenesis cannot counteract subsequent cognitive deficit.

Abstract:

Pilocarpine-induced acute seizures strongly induce aberrant hippocampal neurogenesis, characterized by increased proliferation of neural progenitors and abnormal integrations of newly generated granule cells - hilar ectopic granule cells

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