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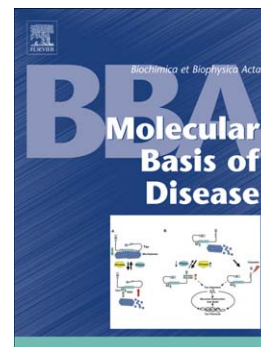
Novel therapeutic approaches for disease-modification of epileptogenesis for curing epilepsy

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BIOCHIMICA BIOPHYSICA ACTA: MOLECULAR BASIS OF DISEASE (INVITED REVIEW)

# Novel therapeutic approaches for disease-modification of epileptogenesis for curing epilepsy

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Abstract = 247 words; total text = 11,803 words

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## Highlights

- Presently neither effective prophylaxis nor cure is available for epilepsy.
  - Several novel drugs are in development for epileptogenesis.
  - The promising agents include rapamycin, COX-2 inhibitors, TRK inhibitors, epigenetic modulators, JAK-STAT inhibitors, and neurosteroids.
  - However, recent studies uncovered their limited efficacy in preventing epilepsy.
  - Pathophysiology-based approaches may help identify new drugs for curing epilepsy.
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