

Embase AI

生物醫學文獻檢索的新時代

Embase AI 改變了生物醫學資訊的獲取方式，將自然語言查詢轉化為基於證據的答案，幫助研究人員在幾秒鐘內找到重要的見解。

它為新手和經驗豐富的研究人員提供支持，透過同儕審查的引用提高效率 and 洞察力，並促進更直觀、更注重研究的體驗。



Embase AI: 為您的機構帶來關鍵優勢



讓每位研究者都能發揮潛力

無論經驗深淺，皆能輕鬆探索生物醫學前沿洞見



節省時間

從 **4560** 萬篇生物醫學記錄中更快地獲得洞察力 - 受到全球監管機構 (EMA、WHO、FDA) 的信任



提高研究質量

透過精確、相關的洞察力提高研究質量



支持明智的政策和教育

以來自 **Embase** 的明確證據支持決策



ELSEVIER

攜手共促人類進步

如何運作



提出您的問題



Embase AI 將問題轉換為 Embase 查詢



檢索最相關的五筆記錄



LLM 處理記錄



幾秒鐘內生成回應

尋找生物醫學見解從未如此簡單

1 提出您的問題

What antiepileptic drug is best transported over the BBB?

2 Embase AI 將問題轉換為 Embase 語法

✓ 1. Translating the question into Embase query language

Embase query:

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('antiepileptic drug'/exp OR 'anticonvulsive agent'/exp OR 'antiepileptic$:ti,ab,kw OR 'anticonvulsant$:ti,ab,kw) AND ('blood brain barrier'/exp OR 'bbb':ti,ab,kw OR 'blood' NEAR/3 'brain' NEAR/3 'barrier$:ti,ab,kw) AND ('best':ti,ab,kw OR 'optimal':ti,ab,kw OR 'most effective':ti,ab,kw OR 'most efficient':ti,ab,kw OR 'transport$:ti,ab,kw OR 'cross$:ti,ab,kw)
```

[Open in results page](#)

[Copy query](#)

3 LLM 根據前五篇相關文章生成回應，包括內嵌引用和參考文獻連結

ration compared to LCM alone, as evidenced by in vivo imaging and immunofluorescence. Other markers in the cerebral cortex [1]. Another study on temporal lobe epilepsy [2] actively crossed the BBB and reduced seizure activity, as measured by EEG [2]. The [3] g its delivery to the brain and its therapeutic efficacy.

References:

1. Anish A, Embase AI/ChatGPT. Blood-brain barrier targeted delivery of lacosamide-conjugated gold nanoparticles: Improving outcomes in absence seizures. *Epilepsy Research*. 2022; 204: Article Number 107899. [DOI: 10.1016/j.eplepsyres.2022.107899](#) | [CiteSpace](#) | [CiteSpace](#)

Objective: Most currently available antiepileptics are not fully effective in the prevention of seizures in absence epilepsy owing to the presence of blood-brain barrier (BBB). We aimed to test whether loading an antiepileptic drug, lacosamide (LCM), to glucose-coated gold nanoparticles (GNP) enables efficient brain drug delivery to suppress the epileptic activity in WAG/Rij rats with absence epilepsy. Methods: In these animals, intracarotid EEG recording, behavioral tests, in vivo imaging of CM and LCM-GNP conjugate distribution in the brain, histological, confocal fluorescence microscopy analysis, immunohistochemistry (IHC) for glial fibrillary acidic protein (GFAP), and p-glycoprotein (P-gp) and p-glycoprotein-1 (PGP-1) were performed. Results: Lacosamide-GNP conjugates decreased the amplitude and frequency of P-gp and PGP-1 and advanced the seizure-like behavior as assessed by EEG (p < 0.05). The in vivo imaging system results showed higher (p < 0.05) LCM in the brain during the 5-day injection period (p < 0.05). In decreased P-gp, Glp-1, and GNP expression by LCM-GNP conjugates. Conclusion: LCM-GNP conjugates showed a potential neuroprotective effect on brain activity in our experimental setting (p < 0.05). Significance: We [4] GNP may provide a novel approach for efficient brain drug delivery (p < 0.05) not only in suppressing the seizure activity but also in [5] of the antiepileptics to reduce the frequency encountered side

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Drug terms

glial fibrillary acidic protein | glucose | glucose transporter 1 | glycoprotein

gold nanoparticle | lacosamide

Show all subheadings

Disease terms

4 提出後續問題，深入探討主題。

What are the most relevant transporters at the BBB for those drugs?

「Embase AI 能在幾秒鐘內將我的初步研究問題轉化為經過篩選的同儕審查研究和會議數據，讓我能夠專注於分析，而不是花費數小時進行手動搜索。」

- 美國大學副教授

「借助 Embase AI，我可以在幾分鐘內指導教師和研究生進行嚴格的文獻搜索。其清晰、可引用的結果讓我能夠教授基於證據的搜索技能，同時確保我們的系統性文獻綜述涵蓋每項關鍵研究。」

- 歐洲圖書館研究服務主管

「Embase AI 簡化了搜尋流程，身為一般使用者的我也能快速獲取可信任、更全面的資訊。它幫助我自信地開始搜尋，而無需具備艱深搜索專業知識。」

- 美國大學教學圖書館員



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