



Title of Invention

(Below is limited to 1-page only; be careful not to disclose vital technology content. Please delete these words when the document is finished)

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Experience:

<https://www.mc.ntu.edu.tw/micro/Fpage.action?muid=2890&fid=2052>

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Market Needs:

The present invention relates to circular RNA (circRNA), which, due to its covalently closed circular structure, exhibits superior stability compared to traditional linear RNA and represents an ideal molecule for next-generation nucleic acid therapeutics. However, in the manufacturing process, purification of circRNA requires substantial resources and poses significant challenges for large-scale production, thereby limiting the development of nucleic acid drugs. The present invention provides a purification platform that effectively addresses these production limitations. Through efficient separation and purification, the invention improves both the quality and the yield of circRNA, thereby enabling scalable and cost-effective manufacturing of circRNA-based therapeutics.

Our Technology:

We purify circular RNA using affinity column.

Strength:

We have developed a cost- and time-saving strategy for circular RNA purification.

Competing Products:

No

Intellectual Properties:

This method has been submitted for application of the US provisional patent application No. 63/741,443 entitled "Method for purifying a circular form of a target RNA molecule".

Contact (do not need to fill out):

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