



## Editor's Note

As the end of the year 2022 is coming, there was an earth-shattering news concerning an artificial intelligence system (AI) called ChatGPT. ChatGPT is a text generating AI which can write an article by itself. Two years previously, an AI system in the same family called GPT3 demonstrate its capacity but writing an entire news article in *The Guardian*.<sup>1</sup> But recently there are more and more reporting of ChatGPT capability to write scientific articles with high quality.<sup>2</sup> Gao and colleagues had used the ChatGPT to write 50 medical-research abstracts based on a selection published in *JAMA*, *The New England Journal of Medicine*, *The BMJ*, *The Lancet*, and *Nature Medicine*. After that, the investigators compared these with the original abstracts by running them through a plagiarism detector which reported no plagiarism. Furthermore, they also found that medical researchers can differentiate 68% of the AI-generated abstracts from original abstracts.<sup>3</sup>

In the past decades, academic journals have faced the problems of plagiarism, falsification, and fabrication. Those kinds of problems are still problematic in term of detecting and handling. From this day forward, academic journal will have to face a new challenge of articles that are written by AI. Although there is an initiation to combat AI with AI like GPT Zero,<sup>4,5</sup> an AI system that is created to detect article wrote by AI. The accuracy and usability of this system is still need careful evaluation.

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## References

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