



RETRACTED ARTICLE: A cognitive approach for blockchain-based cryptographic curve hash signature (BC-CCHS) technique to secure healthcare data in Data Lake

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The publisher has retracted this article in agreement with the Editor-in-Chief. The article was submitted to be part of a guest-edited issue. An investigation by the publisher found a number of articles, including this one, with a number of concerns, including but not limited to compromised editorial handling and peer review process, inappropriate or irrelevant references or not being in scope of the journal or guest-edited issue. Based on the investigation's findings the publisher no longer has confidence in the results and conclusions of this article.

Author Arvind Panwar has not responded to correspondence regarding this retraction. The publisher has not been able to obtain a current email address for author Vishal Bhatnagar.

The online version of this article contains the full text of the retracted article as Supplementary Information.

Supplementary Information The online version contains supplementary material available at <https://doi.org/10.1007/s00500-021-06513-7>.

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