

CORRECTION

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# Correction: Identification of a novel bile marker clusterin and a public online prediction platform based on deep learning for cholangiocarcinoma

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Following the publication of the original article it was brought to our attention that the published version of the manuscript retained reference to “deep learning” where

Deep learning methods were initially employed in the study following subsequent rounds of revision these techniques were removed from the study. A combination of machine learning and other statistical methodologies replaced the deep learning techniques and as such this term should be replaced throughout the manuscript.

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1. Gao, et al. Identification of a novel bile marker clusterin and a public online prediction platform based on machine learning for cholangiocarcinoma. *BMC Med.* 2023;21:294. <https://doi.org/10.1186/s12916-023-02990-9>.



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