

NOTEWORTHY

HOW TO RECOGNIZE FAKE BIOPSY DATA

27.08.2024



Elisabeth Bik
@MicrobiomDigest

...

AI can be used to make convincing looking fake data.
There is no way we can distinguish real from fake anymore.
It is safe to assume that genAI has already resulted in many fake papers.
Scientific publishing is not prepared for this.



Cheshire @Thatsregrettab1 · 8h

Generative AI fraud example by me. The rightmost column of tumors was created by AI using the first 6 (supposedly) real ones. Time required: 30 seconds.

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27

287

865

111



and a possible solution

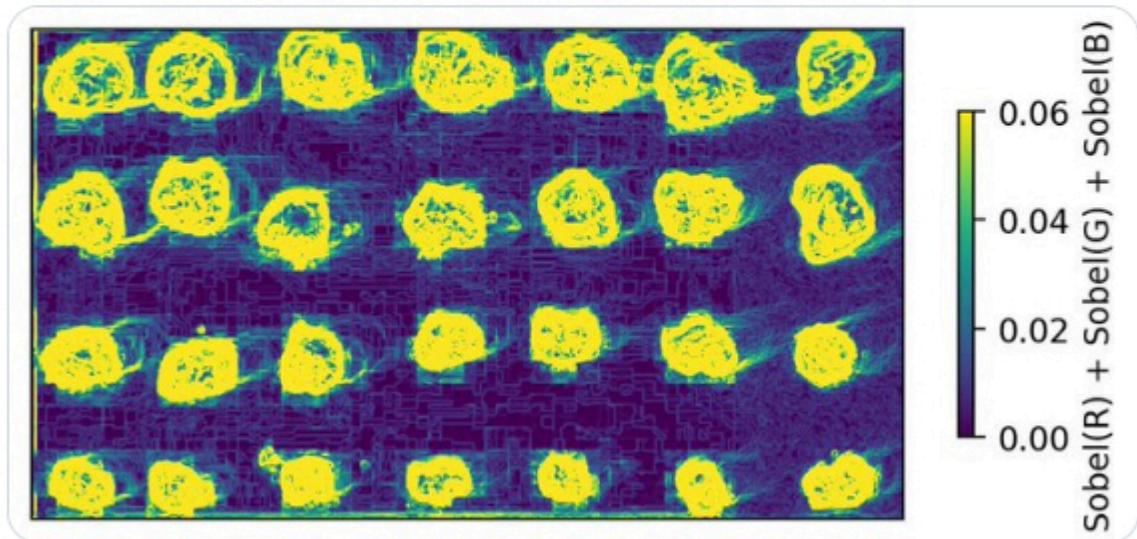


Jason Town

@JasonPTown

...

The only clue I could see visually was a lack of compression artifacts on the right-most column. If you look at the image gradients though, I think you can see the boundary between the real and generated sections



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<https://x.com/JasonPTown/status/1828197868089512335/photo/1>