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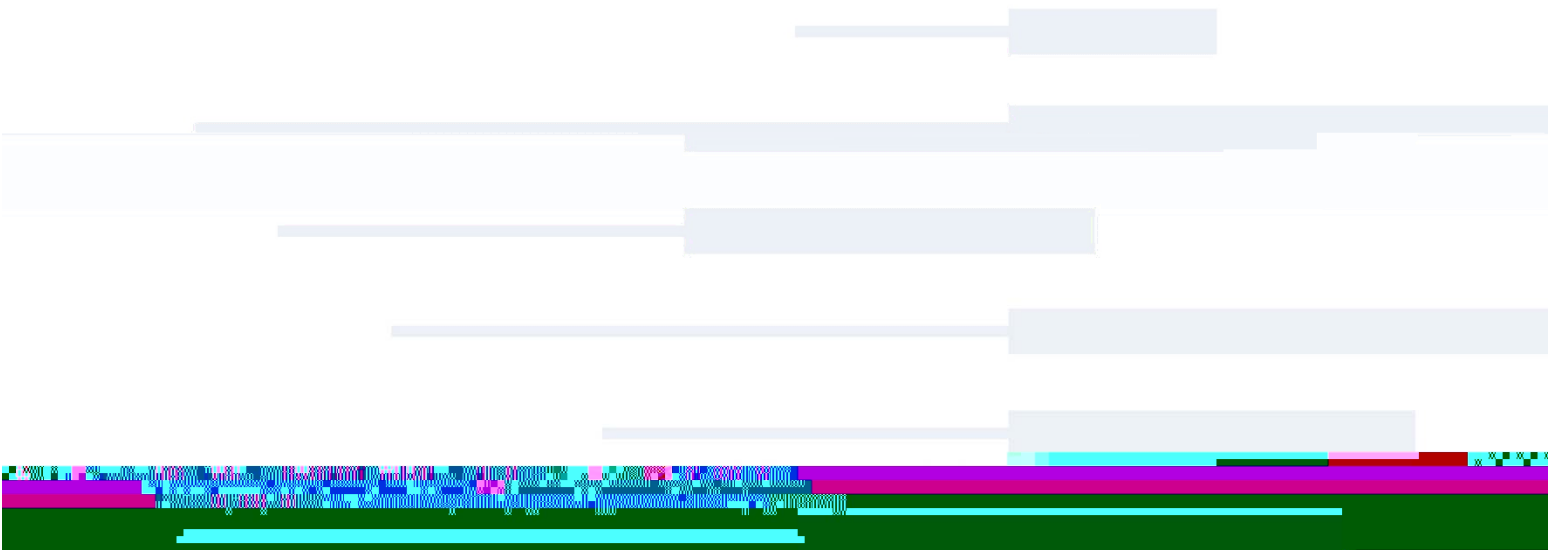o(}Æ›]}‰ZÇ•] •X}ŒP n ~îðì• îõìrñòìò

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New research shows a way to use nanopore sensing to identify molecules in urine that are unique to ovarian cancer; this could improve early diagnosis.

ROCKVILLE, MD – Ovarian cancer is hard to diagnose in its early stages because it has vague symptoms, such as constipation, bloating, and back pain. Moreover, there are no routine screens for ovarian cancer like there and spreening could improve early

a better survival rate.

ph Reiner and colleagues at Virginia Commonwealth University shows
sed test for ovarian cancer. Reiner will present their research at the 68th

Biophysical Society Annual Meeting, to be held February 10 11, 4, 2024 in Philadelphia,

Their ultimate goal is to develop a test that, combined with other information like CA-125 blood tests, transvaginal ultrasound, and family history, could improve early stage ovarian cancer detection accuracy in the future.

How gold nanoparticles help identify peptides in urine in patients with ovarian cancer. Image courtesy of Joseph Reiner.

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