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Cancer Prevention Research

Expression of Concern: Tobacco-Specific Carcinogens Induce Hypermethylation, DNA Adducts, and DNA Damage in Bladder Cancer

The editors are publishing this note to alert readers to concerns about this article (1). Specifically, lanes in certain Western blot images in Figs. 2C and 3E seem to be inappropriately reused, sometimes flipped or otherwise modified. In addition, all cell images shown in Fig. 3C are set against backgrounds that were inappropriately altered.

The authors said that these errors were caused by an "inadvertent lack of attention during assembly of the final images." They provided what they said were replicate data using the same samples and antibodies and said that their findings were verified by the replicate data; however, they were unable to provide the original scans of the Western blots used to create Figs. 2C and 3E. While these matters are being investigated, this note will remain in place to alert our readership that the presented data may not be reliable.

Reference

1. Jin F, Thaiparambil J, Donepudi SR, Vantaku V, Piyarathna DWB, Maity S, et al. Tobacco-specific carcinogens induce hypermethylation, DNA adducts, and DNA damage in bladder cancer. Cancer Prev Res 2017;10:588–97.

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AACR American Association for Cancer Research

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