



E-cigarette Smoke Caused Lung Cancer in Mice

Dear Valued Client,

A recent study has been published in the Proceedings of National Academy of Sciences (PNAS) which has linked electronic-cigarettes (E-cigarettes) smoke to lung and bladder cancer in mice (NYU, 2019). The study reviewed the health effects seen in 40 mice over a 54 week period when exposed to E-cigarette smoke containing nicotine (NYU, 2019). Over half of the mice developed some sort of adverse health condition in either the lungs or bladder. Though the study has its limitations, the results are concerning and warrant further research on the topic.

A couple links discussing the study more in-depth have been provided below for your review. As always, should you have any further questions or additional service needs, please contact your Safety Specialist.

Article Links:

- ◆ Proceedings of National Academy of Sciences (PNAS): <https://www.pnas.org/content/116/43/21727>
- ◆ Eurekalert: https://eurekalert.org/pub_releases/2019-10/nlh-esc100219.php

Sources:

Moon-shong Tang, X.-R. W., Yong Xia, F.-M. D., Andre L. Moreira, L.-C. C., Huang, W. C., & Lepor, H. (2019, October 22). Electronic-cigarette smoke induces lung adenocarcinoma and bladder urothelial hyperplasia in mice. Retrieved October 22, 2019, from <https://www.pnas.org/content/116/43/21727>

NYU LANGONE HEALTH / NYU SCHOOL OF MEDICINE. (2019, October 7). *E-cigarette smoke caused lung cancer in mice*. Retrieved from: https://eurekalert.org/pub_releases/2019-10/nlh-esc100219.php

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