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High nicotine exposure in rodents is unlikely to inform about its toxicity in humans

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More realistic exposures protocols are required to provide reliable toxicological information about electronic cigarette use in the context of smoking harm reduction http://bit.ly/2YkZHWG

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To the Editor:

We read with interest the research letter by Reinikovaite *et al.* [1], in which the authors reported same level of damage in the lungs of Sprague Dawley rats subjected to whole body chronic exposure of e-cigarette vapour emissions and cigarette smoke, as well as to subcutaneous injection of nicotine. Their conclusion is that e-cigarette use and long-time consumption of nicotine are just as toxic as tobacco cigarettes. We appreciate the authors' intention to address concerns related to the potential long-term health effects of e-cigarette use and nicotine exposure, but there are a number of methodological considerations that lessen the impact of their findings.