

# Review of: "[Commentary] On Heated Tobacco Products and the Importance of Science-Based Assessments and Product Classification"

Jyoti Prasad Chakraborty<sup>1</sup>

<sup>1</sup> Indian Institute of Technology (Banaras Hindu University) Varanasi

Potential competing interests: No potential competing interests to declare.

It is evident that there is still confusion among the scientific community in defining the product from HTP as smoke or aerosol. It is generally believed that smoke may affect our lungs differently than aerosol. Particle size should be given more emphasis, e.g., PM<sub>2.5</sub> or PM<sub>10</sub>, thereby meaning Particulate Matter of 2.5 micron nominal diameter and Particulate Matter of 10 micron nominal diameter, respectively. The intention of the present manuscript is quite clear. The authors wanted to discuss the issues of aerosol categorization and product comparisons. Heated tobacco products might undergo pyrolysis, thereby producing PAHs (polycyclic aromatic hydrocarbons) and VOCs (volatile organic compounds). However, the combustion of cigarettes might yield carbon monoxide, which might be very harmful if mixed with blood. The authors may also consider public opinion/perception about HTP vis-a-vis cigarettes.