

Review of: "Knowledge of Risk Associated with Exposure to Per- and Polyfluoroalkyl Substances in Abuja, Nigeria"

G. L. Sullivan¹

¹ Swansea University

Potential competing interests: No potential competing interests to declare.

Comments

Abstract

- "The challenge is that a great number of people in Abuja, the study area, don't know what PFAS is and the risks associated with the use of products that contain PFAS"- reword sentence

Introduction

- "PFAS are a large group of chemicals which may be toxic to humans"- confirm level of toxicity, i.e., exposure limits, efficacy, etc.
- Paragraph 4- needs changing; highlight clearly the main uses of PFAS
- Paragraph 5- explain how PFAS gets into the environmental system and possible routes of ingestion into the food chain.
- There are too many short paragraphs in the introduction; it will read better if some were longer and more continuous.

Materials and Methods

Sample size is OK. How were the surveys collected? Was it via post, email, electronic questionnaire? Please highlight. Was the survey in one location, or across the country?

Suggestion of a follow-up questionnaire covering a larger area will be more representative of the nation entirely- an online survey is a good method to cover large areas.

Results

- Table 2- "Affirmative No. % and Non-affirmative No %"- is difficult to read; perhaps simple yes and no would be sufficient.
- Also possible typo on first row: 331, 9%? Should it be 33 and 9%?
- Perhaps a graphical representation of data could be added here.

Discussion

Too many short paragraphs- needs to be amended to make it read smoothly.

Information on the chemical structure and current government policies is better placed in the introduction. Perhaps some more chemical information can be added on why the structure is so stable and toxic. Perhaps a reference to an environmental manuscript which may have investigated levels of PFAS in Nigeria; this will help strengthen the argument for concern.