Review of: "Concentrations of Polychlorinated Naphthalenes in Food and Human Dietary Exposure: A Review of the Scientific Literature"

Sandra Cortés[1,2]

1 School of Public Health, Pontifical Catholic University of Chile, Santiago, Chile
2 Advanced Center for Chronic Diseases, Santiago, Chile

Potential competing interests: No potential competing interests to declare.

A literature review on polychlorinated naphthalenes compounds in food and human exposure is presented.
In general terms, it is a highly interesting document; however, its reading is sometimes a bit tedious, repetitive, and contains some correctable inaccuracies.
Introduction: Take care to detail all acronyms and abbreviations as soon as they appear.

The objective of the review is clear; however, the methods paragraph is too general. It is suggested to better specify the MESCH terms used, the search period, and other factors of selection of publications in terms of designs and countries, at least. It will be helpful to indicate the criteria under which the results will be presented.
Results by country: Make sure to show results in equivalent units; some are in micrograms or nanograms, obtained from different matrices (e.g., serum, lipids). It will be helpful to organize this better. It is suggested to only highlight relevant results in the text by the type of compound (most toxic?), matrices with a direct route of exposure, or by their high concentration. Describing all of them becomes tedious for the reader.
It is suggested to list all detected compounds at the end of the manuscript to help the reader.

In the Discussion and Conclusions section, it would be useful to detail the regions of the globe in which we do not have evidence of detectable levels and concentrations of these compounds. It is suggested to add in this section what conditions favor the possibility of carrying out this type of research only in some regions of the planet, what is required for this research to be possible, and how we can collaborate to obtain information from other areas, such as South America. Do we not also have the same sources of these pollutants?
Results table: It is suggested to add the number of samples analyzed in each study, to include a specific column with units, and others with the laboratory techniques used. Try to organize the results by matrix; not all samples come from food, and the reader is confused.

The work presented will undoubtedly be of great interest in various regions. It only needs to be improved in its order and presentation.