

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

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Potential competing interests: No potential competing interests to declare.

In the present article entitled "Concentrations of Polychlorinated Naphthalenes in Food and Human Dietary Exposure: A Review of the Scientific Literature", the authors aimed to review the occurrence of polychlorinated naphthalenes (PCNs) in food consumed by the European population. It highlights the differences in PCN contamination levels across various countries and regions due to diverse food origins and analytical methods used in studies. The review also discusses the limited information on human health risks associated with dietary exposure to PCNs, suggesting that current risks may not be significant. Additionally, it emphasizes the importance of PCNs being included in the list of persistent organic pollutants (POPs) under the Stockholm Convention, which aims to reduce their environmental levels. The authors made a good attempt to investigate the occurrence of PCNs in food consumed. However, the authors need to consider the comments provided below to improve manuscript quality.

## Comments:

- The article would be improved by the incorporation of more recent data, namely the most recent studies on PCNs, in order to provide a more comprehensive summary of the current levels of contamination and the health hazards that are associated with them.
- Expand on Health Risk Assessments: Given the limited amount of information that is currently available, it would be beneficial to include in-depth assessments of the health hazards that are connected with the use of PCNs throughout the diet.
- Various Analytical Procedures: A discussion of the various analytical procedures that were utilised in the various investigations could be of assistance in elucidating the disparities in the levels of contamination that were reported in different places.