

# Unranked emerging marine biotoxins

## In this guide

### [In this guide](#)

1. [Introduction and Background - Annex A TOX/2025/28](#)
2. [Emerging marine biotoxins - Annex A TOX/2025/28](#)
3. [Unranked emerging marine biotoxins - Annex A TOX/2025/28](#)
4. [Risk ranking method - Annex A TOX/2025/28](#)
5. [Risk ranking results - Annex A TOX/2025/28](#)
6. [Discussion - Annex A TOX/2025/28](#)
7. [Conclusions - Annex A TOX/2025/28](#)
8. [List of Abbreviations and Technical terms - Annex A TOX/2025/28](#)
9. [References - Annex A TOX/2025/28](#)

**This is a paper for discussion. This does not represent the views of the Committee and should not be cited.**

20. Of the emerging biotoxins identified, no monitoring data, human case reports, occurrence or toxicological data was available for novel AZA analogues, DA analogues and PtTX. An analogue approach was investigated for ranking these groups ([TOX/2025/15](#)); however, the approach was deemed unsuitable by the Committee (see paragraphs 31 and 32).

21. For more in depth discussions on the information identified from the literature and evaluation of the data for the emerging marine biotoxins please see the previous discussion papers ([TOX/2023/59](#); [TOX/2024/25](#)).