



Julia Smith

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Summary

Top predators, including marine mammal and shark species, typically accumulate considerable amounts of pollutants in their tissues. Although contaminants have been monitored in some shark species, there is a lack of research on concentrations in sharks found in Australia. This study aims to fill this knowledge gap by analysing legacy and emerging chemicals, in predatory shark species and establishing a shark cell line to test the potential impact of chemicals on shark health and survival. This research will not only provide new knowledge about the current toxicological status of sharks in Australia, but will also provide tools for future research.

Research Expertise

- Marine Science
- Toxicology
- Marine Ecology