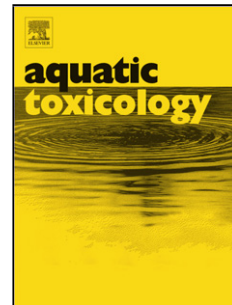


## Accepted Manuscript

Title: Tissue uptake, distribution and excretion of brevetoxin-3 after oral and intratracheal exposure in the freshwater turtle

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**Tissue uptake, distribution and excretion of brevetoxin-3 after oral and intratracheal exposure in the freshwater turtle *Trachemys scripta* and the diamondback terrapin *Malaclemys terrapin*.**

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Keywords: harmful algal bloom; red tide; sea turtle; toxin

**Highlights**

- Brevetoxin exposure causes muscular and neurological deficits in sea turtles.
- Freshwater turtles were used to model brevetoxin exposure.
- Turtles appear to be highly resistant to brevetoxin-3.
- All organs systems were affected, but the toxin is rapidly cleared from tissues.
- Understanding toxin effects in turtles will allow for improved treatment plans.

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