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## ACCEPTED MANUSCRIPT

Acute toxicity and associated mechanisms of four strobilurins in algae Xiaoxu Liu<sup>a†</sup>, Yu Wang <sup>a†</sup>, Hao Chen<sup>b</sup>, Junli Zhang<sup>c</sup>, Chengju Wang<sup>a</sup>, Xuefeng Li<sup>a</sup>,

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### Highlights

- Strobilurins are highly toxic chemicals to algae.
- bc 1 complex in algae may be the target of action of strobilurins.
- Strobilurins can affect the antioxidant system of alage.
- Strobilurins have potential genotoxic threats to algae.

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**ABSTRACT** 

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