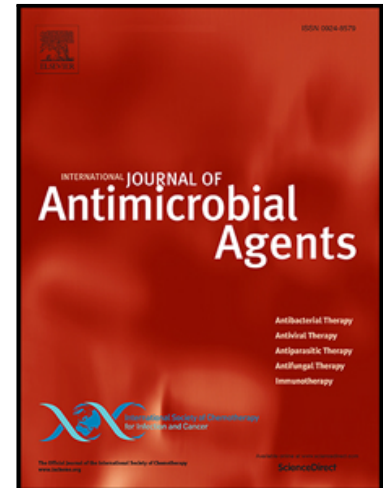


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Antimicrobial resistance in aquaculture: current knowledge and alternatives to tackle the problem

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Highlights

- Aquaculture adopts intensive and semi-intensive practices to produce fish
- The use of prophylactic antibiotics is a widespread practice in this industry
- This practice stimulates the selection of resistant strains of aquatic bacteria
- Horizontal resistant gene transfer between aquatic and human environments is largely recognised
- The One Health principle is the most appropriate way to address and tackle this problem

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