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Microbial toxins in the green world

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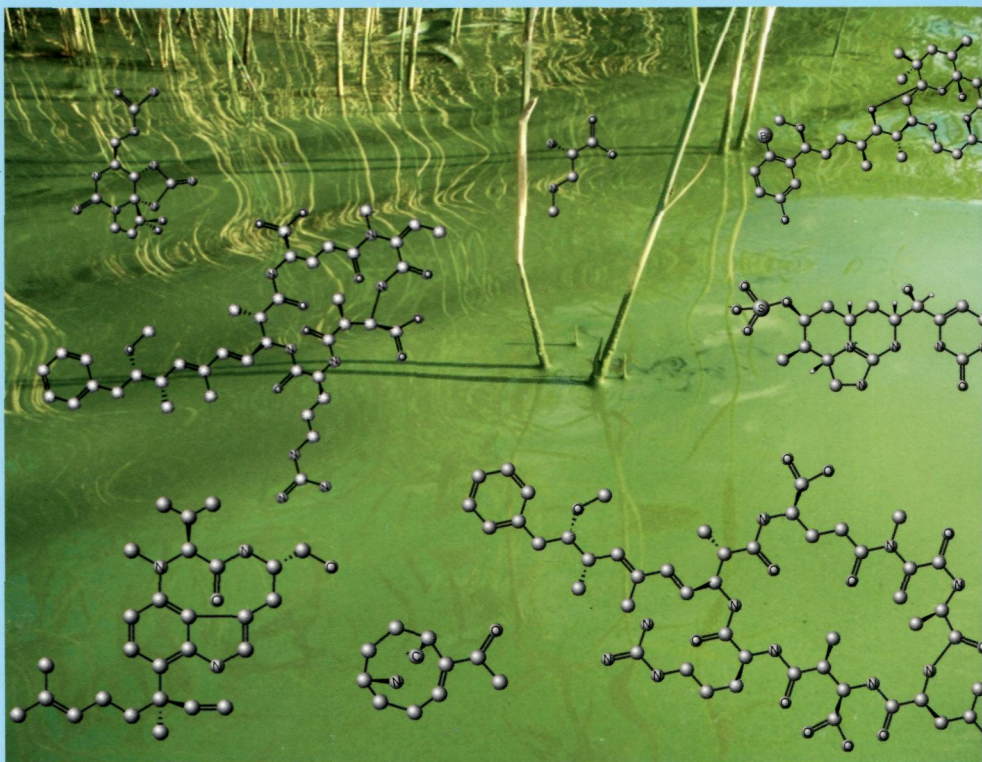
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Guest Editor

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FEMS Microbiology Reviews***Special Issue: Microbial toxins in the green world******January 2013***

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Cyanobacterial toxins: biosynthetic routes and evolutionary roots (pages 23–43)

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We report the biosynthetic pathways of cyanobacterial toxins and describe the evolutionary scenarios that have led to the emergence, diversification and loss of such gene clusters.

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The review examined the similarities and differences of the molecular mechanisms and environmental factors that regulate aflatoxin, fumonisin and trichothecene biosynthesis.