



Fungal products combat rejection of organ transplants

The immune system usually kills anything foreign that enters the body, this causes transplant rejection.



Fungal products combat rejection of organ transplants

Cyclosporin is an immunosuppressant.



A fungus is needed for our fizzy drinks

Citric acid is a product of the Krebs cycle in metabolism.



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Citric acid is produced by the fungus *Aspergillus niger*.



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Soft drinks contain citric acid.



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Citric acid keeps the carbonic acid stable, so the drink stays fizzy.



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The fungus is grown in a fermenter on a medium of sugar.



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Citric acid gives a sour taste, but is also a preservative.



Wood-rotting fungi digest the timber

Brown and white rot fungi produce digestive enzymes to degrade wood.



Wood-rotting fungi digest the timber

Fungi are the only organisms known to be able to break down both cellulose and lignin.