

Texto

Magnetic bacteria may help build future bio-computers

Magnet-making bacteria may be building biological computers of the future, researchers have said.

A team from the UK's University of Leeds and Japan's Tokyo University of Agriculture and Technology have used microbes that eat iron.

As they ingest the iron, the microbes create tiny magnets inside themselves, similar to those in PC hard drives.

The research may lead to the creation of much faster hard drives, the team of scientists say.

The study appears in the journal *Small*.

As technology progresses and computer components get smaller and smaller, it becomes harder to produce electronics on a nano-scale.

So researchers are now turning to nature - and getting microbes involved.

Fonte: <http://www.bbc.com/news/technology-17981157>

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Magnetic bacteria may help build future bio-computers

Bactéria magnética poderá ajudar a construir no future biocomputadores.

Magnet-making bacteria may be building biological computers of the future, researchers have said.

A fabricação de uma bactéria magnética pode ser a construção de computadores biológicos do futuro, dizem os pesquisadores.

A team from the UK's University of Leeds and Japan's Tokyo University of Agriculture and Technology have used microbes that eat iron.

Uma equipe da "University of Leeds" do Reino Unido e da "Tokyo University of Agriculture and Technology" do Japão usaram micróbios que comem ferro.

As they ingest the iron, the microbes create tiny magnets inside themselves, similar to those in PC hard drives.

Como eles ingerem o ferro, os micróbios criam minúsculos ímãs dentro deles, similares aqueles dos discos rígidos de um PC.

The research may lead to the creation of much faster hard drives, the team of scientists say.

A pesquisa pode levar a criação de discos rígidos muitos mais rápidos, disse a equipe de cientistas.

The study appears in the journal Small.

O estudo aparece na revista Small.

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Enquanto a tecnologia avança e os componentes dos computadores ficam menores e menores, torna-se difícil produzir eletrônicos em nano-escala.

So researchers are now turning to nature - and getting microbes involved.

Então os pesquisadores estão agora mudando a natureza - e envolvendo os micróbios.