

# Multiple sclerosis drugs can combat antibiotic resistant bacteria

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Glatiramer acetate is known to be a safe drug without many serious side effects.

Results from experiments performed in the laboratory show that the drug kills half of the *Pseudomonas* bacteria - a Gram-negative bacterium - in specimens from cystic fibrosis patients often exposed to bacteria. in the lungs.



Thomas Vorup-Jensen, Professor at Aarhus University, Denmark, said: "The fact that Glatiramer acetate is now a completely new antimicrobial for us.

"We see great views in this discovery because our data show that the drug is effective against infections caused by Gram-negative bacteria."

In it, *Pseudomonas aeruginosa* is also a bacterium that causes urinary tract infections, respiratory infections, dermatitis, soft tissue infections, blood infections, bone and joint infections, gastrointestinal infections and many infections. systemic infection, especially in patients with severe burns and cancer and AIDS patients.

Vorup-Jensen said: "This discovery allows researchers to better understand how the drug works in sclerosis patients as well as the opportunity to develop a more effective treatment for the disease. The patient suffered severe infection by other antibiotic-resistant bacteria," Vorup-Jensen wrote in an article in *Scientific Reports*.

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