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From the mouth and nose to the lungs: Treating antibiotic-resistant infection with photonic techniques

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Abstract

Nowadays, for any of the actions in the area of health, including dentistry in a remarkable way, the treatment of infections caused by bacteria resistant to antibiotics, including those of the respiratory tract, are preponderant. In this presentation, we will discuss new techniques that should allow the breakdown of bacterial resistance using light oxidative stress as well as applications for the treatment of antibiotic-resistant infections of the entire respiratory and digestive tract.

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