

Myddelton Parker

Roche Award
Ph.D. Student, Biomedical Engineering
First Year ARCS Scholar



Antibiotics Modified with Nitric Oxide: An innovative approach to combat antimicrobial resistance

The dual-action antibiotic-NO heightens the efficacy of the proposed treatment, while slowing the development of antibiotic resistance. By modifying antibiotics to release nitric oxide, we are synthesizing a dual-action, broad-spectrum antimicrobial solution that can revolutionize the field of antibiotics, reducing the effect of antimicrobial resistance.







