

Antimicrobial Efficacy of cefixime-ofloxacin combination for *Salmonella Typhi* from bloodstream infection: Recent Evidence.

Bakthavatchalam YD, et al. J Appl Microbiol. 2017; 123(3): 615-624.

- The cefixime-ofloxacin combination has been approved by DCG(I) to treat typhoid fever.
- Evaluation of antimicrobial activity (*in vitro*, *in silico*, *molecular docking*) of the cefixime-ofloxacin combination against *Salmonella Typhi* isolates from blood stream infection highlighted:
 - Synergistic activity (cefixime and ofloxacin are capable of inhibiting cell wall synthesis and DNA replication, respectively).
 - Computational analysis showed no toxicity and no drug-drug interaction between cefixime and ofloxacin.

Cefixime-ofloxacin combination is effective against S. Typhi, but not fluoroquinolone-resistant isolates.