

Download Beta-lactamase Production In Anaerobic Bacteria (report)

Resistance to beta-lactam antibiotics is usually mediated by beta-lactamase production. A few isolates of *Bacteroides fragilis* are producing metallo-beta-lactamases which are capable of hydrolyzing beta-lactamase stable compounds such as cefoxitin and imipenem. The...There is a great concern on the treatment of these infections due to the emergence of antibiotic resistance especially to beta-lactam drugs. Resistance to β -lactam drugs take place in anaerobic microbial species mainly by the production of beta-lactamase beta-lactamase

Subject Category: Chemicals and Chemical GroupsBeta-lactamases in anaerobic bacteria. Nord CE, Lindqvist L, Olsson-Liljequist B, Tunér K. The known mechanisms of beta-lactam resistance in anaerobic bacteria involve production of beta-lactamases, alteration of penicillin-binding proteins and blocked penetration of beta-lactams through the outer membranes. The most important factor in beta-lactam resistance is production of beta-lactamase. Beta-lactamases in various *Bacteroides*, *Fusobacterium* and *Clostridium* species have been described ...Mon, 10 Aug 2015 | Anaerobic Bacteria Bacterial resistance to the antibiotics used for the treatment of sinusitis has consistently increased in recent years. Production of the enzyme beta-lactamase is one of the most important mechanisms of penicillin resistance., Beta-lactamase Production In Anaerobic Bacteria (report).

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