

Molecular structure and functional activities in CTX-M enzymes

Richard Bonnet

Oxyimino β -lactams escape the hydrolytic activity of most β -lactamases. However, their widespread use prompted the emergence of the class A extended-spectrum β -lactamases (ESBLs), especially the CTX-M-type enzymes which have become highly prevalent since the late 90's. The presentation will report the recent structural data, which significantly advanced our understanding of specific recognition and of the enzymatic process mediated by these ESBLs.

*Todos los derechos de propiedad intelectual son del autor. Queda prohibida la reproducción total o parcial de la obra sin autorización expresa del autor.
© FUNDACIÓN RAMÓN ARECES. Todos los derechos reservados.