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TITLE

Quinolones and B-lactam Resistance: Case of Enterobacteria Isolated in Fes- Meknes Region of Morocco.

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A collection of 235 isolates was carried out in the area of Fès-Meknès in Morocco during the period from July to September 2011. This collection contains 148 enterobacteria of our interest. A sifting of resistance to antibiotics belonging to the beta-lactam antibiotics families and quinolones was carried out. 27 isolates were selected on the basis of their resistance to the quinolones and/or the beta-lactam antibiotics. The tests of synergy and the double disc enabled us to identify 13 BLSE among the selected 27 isolates either 48.7 %. We have detected the presence of the qnrB gene in 8 isolates representing 29% among the isolates studied by using multiplex PCR. In parallel, the presence of the Aac (6') - Ib gene was revealed in 15 isolates representing 55.6% of the selected isolates. 26% of isolates showed at the same time the presence of qnrB gene and Aac (6') - Ib gene.

Biography

Said Barrijal, has prepared his Ph.D at the Free University of Brussels, Belgium. He is the professor at the university of Abdelmalek Essaadi and head of Microorganisms and genomic laboratory. He has published more than 15 papers in reputed journals and serving as a reviewer member of some journals.