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Studies on ESBL producing uropathogenic *E. coli* isolates in Jordan

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A total of 105 uropathogenic *E. coli* isolates cumulated from major hospitals/health centers in Jordan were characterized. They exhibited a resistance ranged from 10.4% to 95.2% toward 16 different antibiotics whereas resistance toward human serum was determined in 28 (26.6%) isolates which revealed an increase in their count ranged from 0.3 to 1.23, from 0.3 to 1.54 and from 0.3 to 0.477 logs after one, two and three interaction hours. 24 (22.8%) isolates were found as ESBL producers and of those, 10 isolates were serum resistant. The obtained results represent a strong indication on the threat of uropathogenic *E. coli* strains in Jordan and on their public health hazardous potential in nosocomial infections.

Biography

Saeb EL-Sukhon is involved in Academic Teaching and Research in the field of Bacteriology and Infectious Diseases. He carried out many academic administrative responsibilities either as Head of Department and/or as a Dean. He supervised many MSc students and published several articles in reputed specialized journals. He is a member of "Veterinary Education" of the OIE, Paris. He serves as an Editor and reviewed several manuscripts either from the region or internationally.

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