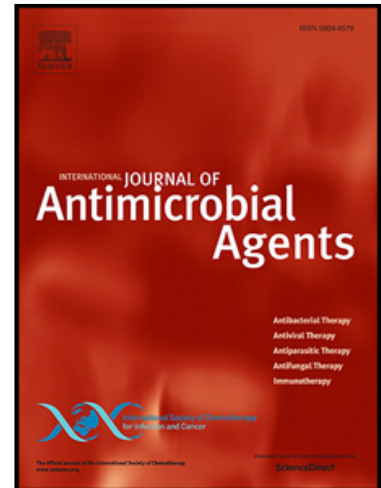


## Accepted Manuscript

A Case Study on Soil Antibiotic Resistome in an Urban Community Garden

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**Highlights:**

- Urban agricultural soil has a diverse population of antibiotic resistance phenotypes and genotypes.
- Gram-negative bacteria are commonly resistant to ampicillin, chloramphenicol, ceftiofur, gentamicin, and ceftriaxone.
- Gram-positive bacteria are all resistant to gentamicin, kanamycin, and penicillin.
- Genes encoding resistance to quinolone,  $\beta$ -lactam, and tetracycline are the most prevalent and abundant in the soil.

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