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Antibacterial Resistance, Biofilm Forming Ability, and Virulence Potential of *Pseudomonas aeruginosa* Isolated from Burn Patients in Northern of Iran

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Highlights

- Antibiotic resistance and virulence of *Pseudomonas aeruginosa* isolated from burn infections were investigated.
- In phenotypic assay, 72.2% of *P. aeruginosa* were multi drug resistant, 55.5% and 35.5% of isolates were respectively positive for ESBL and MBL production.
- Biofilm and virulence associated genes were identified in more than 50% of *P. aeruginosa* strains and *toxA* and *lasB* genes were the most frequent ones.
- Two types of point mutation in *gyrA* and one type mutation in *parC* genes in ciprofloxacin resistant isolates were identified.

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