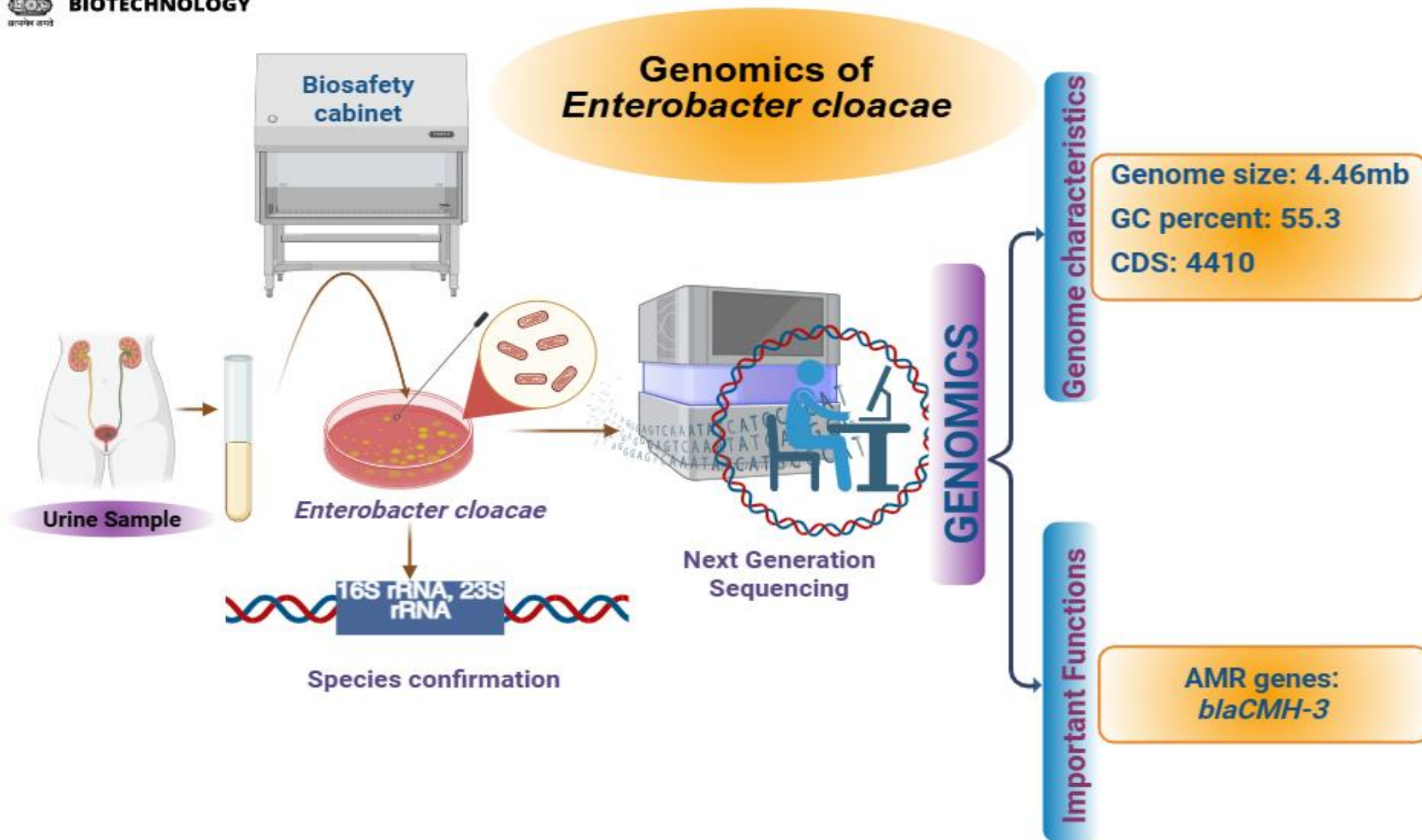




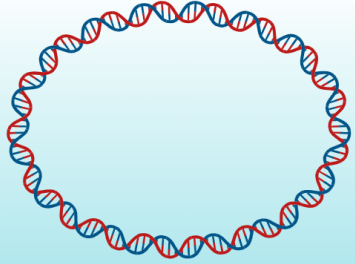
जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY



Genome Announcement: *Enterobacter cloacae*

Accession#SRR23106284 (NCBI)
#INRR000309 (IBDC)

1. Genome Sequencing



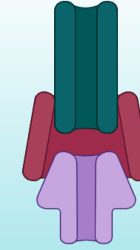
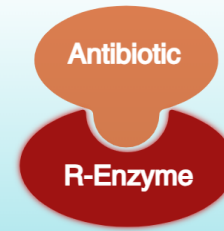
BRIC-THSTI
presenting the whole
genome sequence
of *Enterobacter
cloacae* from a
Indian female urine
sample.

2. Analysis



The genomic
analysis of this
bacteria represents
the resistance
against a broad
spectrum beta-
lactum antibiotics
posing a challenge
against the
therapeutic options.

3. Insights



Genomic insights
describe a MDR
profile with the
presence of
blaCMH-3 gene with
a potential effect to
beta lactamase
activity.

4. Translation



This genomic
evaluation supports
evidence-based AMR
policy, enables rapid
molecular
diagnostics, and
informs targeted
stewardship
strategies.

***Enterobacter cloacae*: Standing strong against beta-lactams**