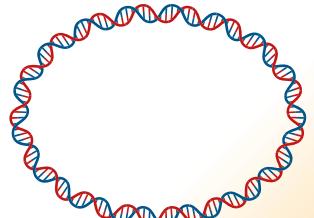


# Genome Announcement: *Klebsiella quasipneumoniae*

Accession#ERS21335039 (ENA)  
INS0005094 (INDA)

## 1. Genome Sequencing



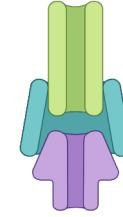
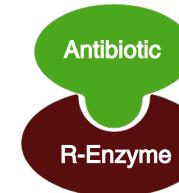
**BRIC-THSTI**  
presenting the whole  
genome sequence  
of *Klebsiella*  
*quasipneumoniae*  
isolated from the  
urban wastewater  
source in India.

## 2. Analysis



This genomic analysis reveals metabolic versatility, AMR genes, virulence factors and environmental stress, adoption mechanism

## 3. Insights



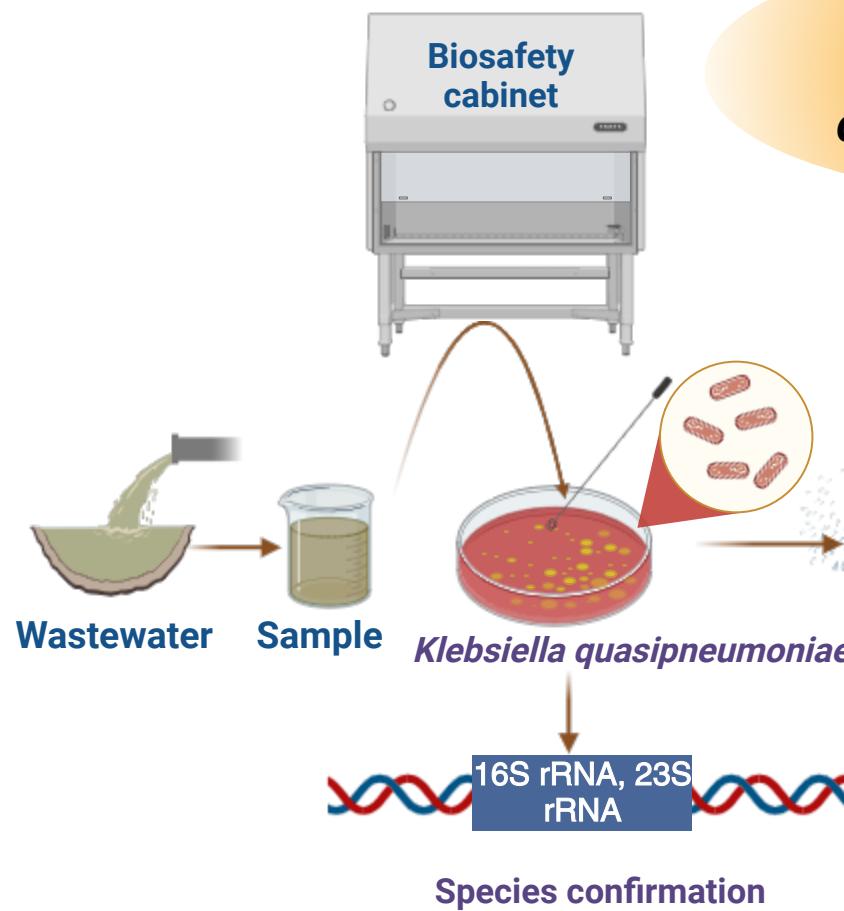
Genomic insights mentions the presence of multiple ARGs and virulence factors like capsule production, genes for biofilm production.

## 4. Translation

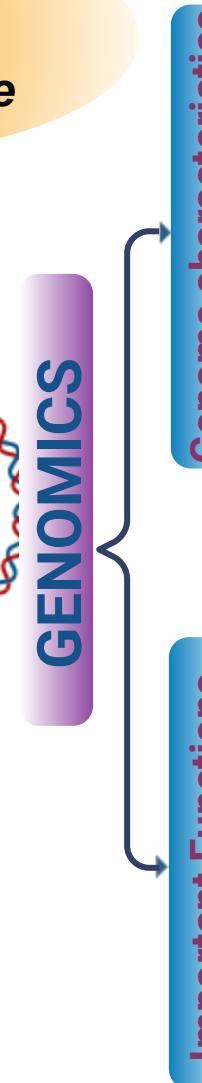


*Klebsiella quasipneumoniae* genomic feature is key to accessing its pathogenicity in clinical settings through the development of alternative therapies.

***Klebsiella quasipneumoniae*: The hidden invader in wastewater and healthcare**



## Genomics of *Klebsiella quasipneumoniae*



Genome size: 5.42mb  
GC percent: 57%  
CDS: 5054  
rRNA=11, tRNA=84

AMR genes: *aac(6')*,  
*aph(6')-Id*, *blaDHA*,  
*blaOKP*, *blaOXA*,  
*blaTEM*, *ereA*, *cat*,  
*fosA*, *arr*, *ompK37\_Kp*,  
*tet(D)*, *acrA\_Kp*,  
*kpn\_Kp*, *oqx*, *qnrB*, *dfr*,  
*sul*