Transformation in *Bacillus subtilis*

Materials

- Sterile 1.5 mL microtubes
- Plasmidial DNA (25ng/uL)
- Competent cells
- LB broth
- 1 LB plate with cloranfenicol (5ug/ml)

Apparatus

- Water bath
- Flow chamber
- Incubator
- Centrifugue

Method

1. Add 2 µL of plasmidial DNA in a tube containing the competent cells;
2. Incubate the cells at 37 ^{o}C for 1h;
3. After incubation, pellet the cells by centrifugation at 10,000 rpm for 1 minute;
4. Gently resuspend the cell pellet in 800 µL of LB broth;
5. Plate 100 µL of the cells onto LB plate with antibiothics cloranfenicol.