

Transformation via electroporation

- ◆ Thaw 200 μL electrocompetent *E. coli* cells on ice.
- ◆ Add 0.5-5 μL plasmid to 200 μL electrocompetent cells.
- ◆ Store cells on ice for 1 minute.
- ◆ Electroporate at $U = 2.5 \text{ kV}$, $C = 25 \mu\text{F}$, $R = 400 \Omega$.
- ◆ Transfer transformation reaction to 1 mL SOC-Medium and incubate 1 h at 37 °C.
- ◆ Centrifuge 3 minutes at 1200 rpm.
- ◆ Discard supernatant.
- ◆ Plate the pellet on selective LB-Medium.
- ◆ Incubate overnight at 37 °C.

From: [iGEM Bielefeld-CeBiTec 2014](#)