**Petri dish electroporation chamber assembly instructions**

1. Prepare two 4 mm x 20 mm stainless steel plates of 0.5 mm thickness with a small hole of 2 mm on one end of each plate.
2. Orient these plates parallel to each other with a gap of 5 mm and with the small holes at the same end.
3. Glue the plates upright in lengthwise orientation to a 60 mm glass Petri dish.
4. Add silicone at the end of the steel plates without the hole and 8 mm apart from this position to generate a chamber of 5 mm x 8 mm.