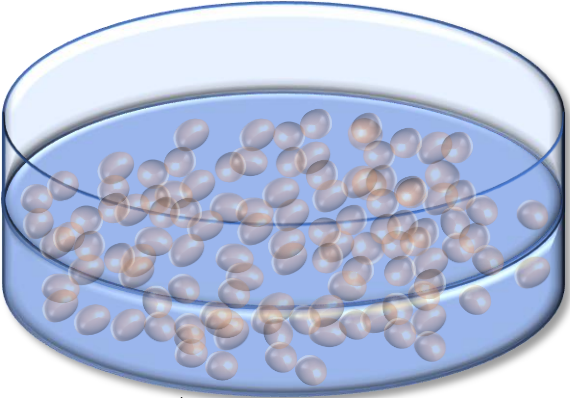


Pool of fertilized embryos from mass spawning or multiple pairs



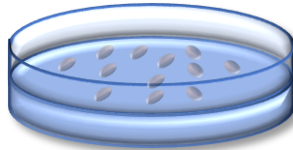
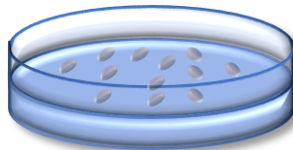
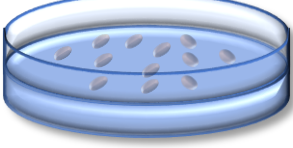
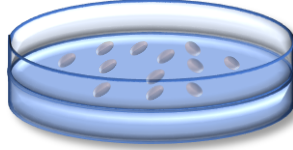
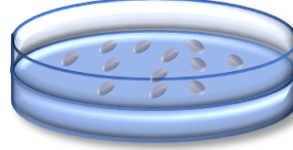
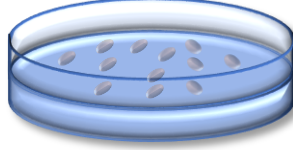
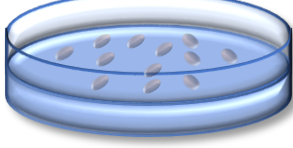
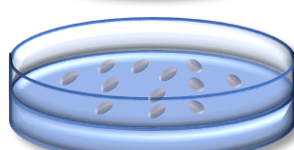
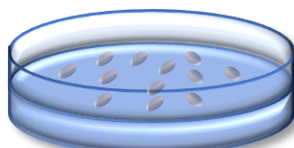
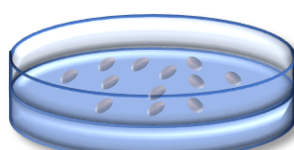
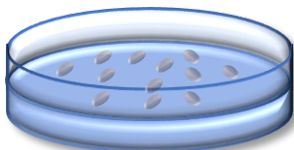
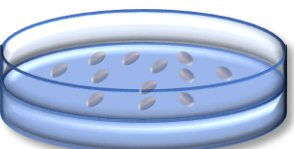
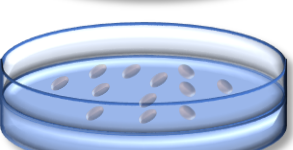
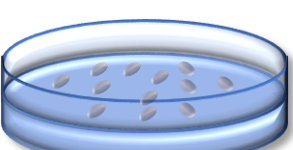
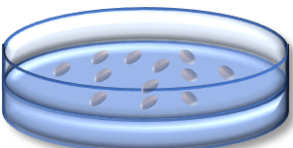
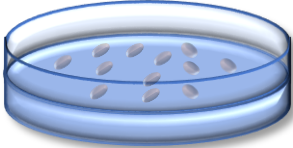
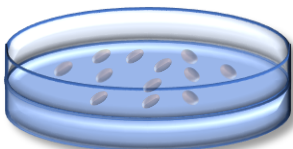
**Random distribution,
10-15 embryos per dish**

**Treatment for 1 hour
or 1 min for electrical stunning**

<12 hpf

24 hpf

4 dpf



**Fresh
media
24 hour
recovery**

Control

**Treatment:
Lidocaine HCl; Lidocaine
HCl + EtOH; Tricaine;
Benzocaine; Clove oil; 2-PE;
Electrical stunning;
Hypothermic shock**

**Record
survival rate**