

# How to Request IVF

1. Go to the CZAR web site and download the IVF request form.
2. Fill it out for each line of fish you would like to have IVF performed on.
3. Send the requests to both Maurine and Sharon:
  - a. mhobbs@cores.utah.edu
  - b. sjohnson@genetics.utah.edu.
4. Then arrange to give Sharon a tank of 5-10 males (if possible) for each line of fish for fresh sperm collection, or provide her with the frozen sperm sample ID numbers. Males aged 6-18 months old work best. We no longer accept fish >2.5 years old for fresh IVF. Also provide us with a tank of 10-12 females to be egg donors.
5. We do not collect your tanks from your racks.
6. We will house the fish near the nursery and add them to our cue of sperm freezing and IVF requests. The fish will be allowed to acclimate to their new home for at least one week before IVF will be performed, so please plan ahead.
7. We are happy to coordinate the IVF date with you. Please let us know if the embryos will need GFP or RFP screening so that the IVF is done on a day that will allow YOU time to perform the screen at the appropriate time.
8. We will perform the IVF in the morning. Later that day we will separate the fertilized eggs from the unfertilized eggs, and then send you an e-mail to let you know the results and to let you know where to find the embryos for pick-up.
9. At this point, the rest is up to you - if the embryos need to be screened for GFP or RFP at 24-48 hours after fertilization, that is your job.
10. You are also responsible for counting out the embryos, 25 per dish, labeling the dishes, and putting them in the correct spot in the "To be raised" incubator.
11. Once you have put them in the "To be raised" incubator, please let Talmage know how many dishes you have for what day.

If you have any question please contact either of us:

Maurine Hobbs, PhD.  
CZAR Director  
801-585-1381  
[mhobbs@cores.utah.edu](mailto:mhobbs@cores.utah.edu)

Sharon Johnson  
CZAR Staff  
801-585-6574  
[sjohnson@genetics.utah.edu](mailto:sjohnson@genetics.utah.edu)