

**STANDARD OPERATING PROCEDURES**  
DIVISION OF COMPARATIVE MEDICINE  
UNIVERSITY OF SOUTH FLORIDA

- d. Room light cycle, 14 hours light (e.g., 9 AM till 11 PM) /10 hours dark cycle.
- e. Housing access is limited to IACUC certified personnel only.

### 3. Feeding

- a. Zebrafish are fed a combination of live feeds and commercial processed dry feeds (e.g., Tecniplast ZEBRAFEED 200-400, ZEBRAFEED 100-200).
- b. Zebrafish should be fed twice daily by adding enough food to each tank so that food is available to all fish and nearly all food is eaten within 10 minutes.
- c. When feeding brine shrimp, use freshly harvested shrimp. Collect shrimp into a pipette while trying to avoid collecting any unhatched eggs into the pipette.
- d. When hand feeding, feed approximately one 1.5 ml pipette of shrimp per 10 adult fish. This can vary depending on the size and number of fish in the tank.
- e. Place pipette in the top of the tank and dispense about half the contents into the tank.
- f. Wait for the fish to consume most of the shrimp then dispense the remaining shrimp into the tank.
- g. Rinse pipette after each use. Place unused shrimp in the refrigerator for future use
- h. Record feeding on the Room Status Sheet .

### 4. Daily Duties

- a. Conduct daily monitoring of zebrafish morbidity and mortality.
  - i. Removing sick fish from the population is our most effective means of detecting pathogens and adverse environmental conditions, preventing spread of disease, controlling morbidity, and ensuring a high level of fish welfare.
  - ii. Observations of sick fish and communic6 (ons)-2 ( )TJ -0..0.A9bis6.6 (bs)-2 (er)-6 (

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6. Bi-Weekly Duties
  - a. Check heating elements.
  - b. Check Drum Filter