

### **Category E Explanation**

1. Registration Number: 14-R-0036
2. Number: 7
3. Hamster

#### **Survivorship Analysis:**

Many (b) (4) animals develop cardiomyopathy by approximately 250 days of age. This progresses so that life span is shortened. The scientific rationale is to assess survivorship (life span) resulting from (b) (4), and their interaction. The genetic defect causes dilated and/or hypertrophic cardiomyopathy. Animals are monitored in order for them to be humanely euthanized if possible near to the end of their natural life span. In some instances, animals are found dead before humane euthanasia can be performed.

We cannot give therapeutic treatments to ameliorate heart disease that extend life span without compromising the goals of the study. Animals that have trouble reaching food or that become dehydrated are given moist nutritional gel on the cage floor, and any animals having health problems apparently unrelated to the (b) (4) receive appropriate veterinary care.