WAYNE STATE UNIVERSITY

EXPLANATION OF USDA REPORTING CODES:

USDA CATEGORY B: Animals being bred, conditioned, or held for use in teaching, testing, experiments, or research, but not yet used for such purposes. This includes breeders, offspring that cannot be used because of improper genotype or gender, and any other animals that will not participate in the research studies.

USDA CATEGORY C: Animals used in teaching, research, experiments, or tests that involve no pain or distress, or only momentary or slight pain or distress that WOULD NOT REQUIRE anesthetic, analgesic or tranquilizing agents (for example: s.c., i.m., i.p., or percutaneous i.v. injection, a brief period of restraint, tissue harvesting after euthanasia).

USDA CATEGORY D: Animals used in teaching, research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizing agents ARE USED to avoid pain or distress (e.g., major and minor surgery, tissue or organ collection *prior* to euthanasia, retro-orbital blood collection, restraint accompanied by tranquilizers or sedatives).

Animals used in research, experiments, or tests that *may* cause pain or distress that cannot be treated with an anesthetic, analgesic or tranquilizer, if the agent or procedure producing the pain/distress is *immediately discontinued* or the animal is euthanized to prevent pain and/or suffering.

USDA CATEGORY E: Animals used in teaching, research, experiments, or tests involving pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs will **adversely affect the procedures, results, or interpretation** of the teaching, research, experiments, surgery, or tests (e.g., studies that allow endpoints that are painful or stressful, addictive drug withdrawals without treatment, research on stress, shock or pain, microbial virulence testing, noxious stimulation). IF ANIMALS ARE LISTED IN THIS CATEGORY, DETAILED JUSTIFICATION MUST BE PROVIDED IN THE PROTOCOL APPLICATION.