
The Rat As Animal Model In Breast Cancer Research A Histopathological Study Of Radiation And Hormo

rats - biology & husbandry - research - director, laboratory animal research attending veterinarian rats - biology & husbandry • *rattus norvegicus* (2n=42): the "norway rat" is thought to have originated in temperate asia. it expanded into europe in the 8th century and eventually into the americas in the late 1700's. by now it spread **the laboratory rat (handbook of experimental animals)** - the laboratory rat, like its wild counterpart, is an extremely intelligent animal, probably more so than the other rodents commonly used for biomedical research. this is reflected in its behaviour and, when treated properly and sympathetically, its tolerance to handling and restraint. although feared by many **animal use training sessions - depts.washington** - this handout is designed as a supplement to the information provided in the rat animal use training session. remember that in order to perform any of the techniques described in this handout all personnel and the experimental procedures being done must be on an approved institutional animal care and use committee (iacuc) protocol. where **basic rat handling and technique workshop unc-iacuc "first ... - basic rat handling and technique workshop unc-iacuc ...** please review requirements before entering any animal area! requirements may change from room to room so each door is posted with instructions. the use of a face mask reduces your risk of allergy to animals. we strongly recommend that you wear masks whenever you work with animals. **safe rat handling by animal control facilities and animal ...** - safe rat handling by animal control facilities and animal rescue organizations: interim guidance in january, 2017, the illinois department of public health (idph) was notified of seoul virus infection in eight people who handled or owned rats purchased from rat breeding facilities in wisconsin (one location) and illinois (two locations). **background rat care - aspc** - where to get a rat: there are many pet rats available for adoption at animal shelters and small-animal rescue groups. call your local shelter and visit websites like petfinder for rats in need of loving homes. if you think that your pet may have ingested a potentially poisonous **guidelines for the housing of rats in scientific institutions** - 2 . arrp guideline 20: guidelines for the housing of rats in scientific institutions animal welfare branch, nsw department of primary industrie s, locked bag 21, orange nsw 2800. **routine dosing in rodents - usf** - ip injection - rat shown is a one-handed restraint. the "v" can incorporate a second person, setting/pressing the animal's hindquarters against a firm surface or against the handler. however, "less is more" with most rats. they resent being over restrained. do not use a restraint glove unless the animal is extremely fractious! **va sop for mouse and rat husbandry** - va sop for mouse and rat husbandry routine mouse husbandry procedures 1. general animal room procedures: see "cage exchange" sop. 2. temperature: room temperature must be maintained at 68-79 degrees f (20-26 degrees c). ideally, temperatures should be 72 degrees, plus or minus 2 degrees. **how much animal data are required to move into clinical ...** - how much animal data are required to move into clinical testing? hiliary sheevers, phd aclairo october 10, 2007. ... • rat or mouse? dog or monkey? - relevant species • metabolism similar to humans ... how much animal data are required to move into clinical testing? **sprague dawley rat - taconic biosciences** - sprague dawley ® rat ... gestational age of lab animal embryos is vital to many areas of biomedical research. for example, embryos from timed-pregnant sprague-dawley® rats are used in the study of embryonic development, teratology and reproductive toxicology, as well **the facts about rats** - the black rat, primarily an arboreal species, is an expert climber and wire scaler, and moderately susceptible to plague infection. this rat is found in agricultural areas, wooded gulches, kiawe forests, and both wet and dry forests. the black rat has now displaced the norway rat as the most common **norway rats - icwdm home page** - the norway rat (*rattus norvegicus*, fig. 1) is a stocky burrowing rodent, unin-tentionally introduced into north america by settlers who arrived on ships from europe. also called the brown rat, house rat, barn rat, sewer rat, gray rat, or wharf rat, it is a slightly larger animal than the roof rat (fig. 2). adult norway rats weigh an **animal models of diabetes and insulin resistance** - animal models of obesity. origin: single gene . 1. ob/ob: the obese mouse (c57bl/6j ob mice) •the protein product of this gene is leptin •metabolic-endocrine anomalies - no response to satiety signal (hyperphagia) - hyperinsulinemia - insulin resistance - decreased insulin receptor function - defective thermogenesis

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