



Grants for Laboratory Animal Science
Grant Recipients

2011

Effect of IVC Hypercapnic and Hypoxic Conditions on Mouse Development

PI: Claude M Nagamine, DVM, PhD, DAACLAM, Stanford University

Effects of Blood Collection on Clinically Ill Mice in Biomedical Research

PI: James Marx, DVM, PhD, DAACLAM, University of Pennsylvania

Co-Is: F. Claire Hankenson DVM, MS, DAACLAM; JanLee Jensen DVM, DAACLAM, DACVIM

Impact of Larval Diet on Zebrafish Growth and Fecundity

PI: Deborah Yelon, PhD, University of California, San Diego

Pharmacokinetics of Buprenorphine in Nonhuman Primates

PI: Elizabeth A Nunamaker, PhD, DVM, University of Illinois at Chicago

Co-Is: Lisa Halliday, DVM; David Moody, PhD

Pharmacokinetics and Efficacy of Oral Meloxicam and Carprofen in Mice

PI: Patricia V Turner, BSc, MS, DVM, DVSc, DAACLAM, DABT, University of Guelph

Co-Is: Marcus Litman, BSc, DVM, Dip LAS; Ron Johnson, DVM, PhD, DACVCP

The Use of Operant Measures to Evaluate Analgesic Efficacy in Rodents

PI: Harvey E Ramirez, DVM, DAACLAM, University of Florida

Co-I: John K Neubert DDS, PhD

2010

Does Increased Cage Space Reduce Abnormal Behavior in Adult Macaques?

PI: Babette M. Fontenot, DVM, PhD, DAACLAM, University of Louisiana at Lafayette New Iberia Research Center

Effect of Pain Management on Immunization Efficacy

PI: Laura P Hale, MD, PhD, Duke University Medical Center

Co-Is: April Kolstad, DVM; Herman Staats, PhD

Evaluation of Risk Factors for Mouse Parvovirus Transmission

PI: Susan R Compton, PhD, Yale University School of Medicine

A Measurement of Stress Levels in Mice Housed in the Same Room with Rats

PIs: Chrystal L Redding, MS, RLATG, Thomas M Greene, BS, RLAT, Northern Arizona University

Co-I: Melissa Birkett, PhD

Monitoring Laboratory Rat Well-being using Ultrasonic Vocalizations

PI: Sylvie Cloutier, MS, PhD, Washington State University

Co-Is: Ruth C Newberry, PhD; Jaak Panksepp, PhD

2009

Behavioral and Neurobiological Effects of Communal Nesting in Inbred Mice

PI: Kathleen Heiderstadt, DVM, MS, DACLAM, Pennsylvania State University

Co-Is: David A. Blizard, BA, PhD; David J. Vandenberg, BS, PhD; Igor Branchi, PhD; Jacqueline N Crawley, PhD

The Impact of Nesting Material on Behavior in Isolated or Group Housed C57Bl/6 Mice

PI: Kathy Laber DVM, MS, DACLAM, Medical University of South Carolina

Co-I: Marcelo Lopez, PhD

Physiological and Behavioral Effects of Environmental Vibration in Mice

PI: Aaron L. Olsen, DVM, PhD, Utah State University

Co-Is: Steven Folkman, PhD; Timothy Shahan, PhD

Post-operative Analgesia in a Mouse Mammary Cancer Model

PI: Trinkia W. Adamson, BHS, MS, DVM, University of California, Davis

Co-I: Alexander D. Borowsky, BS, MD

Superovulation of Six Commonly Used Mouse Strains Determined by Weight

PI: Jan Parker-Thornburg, PhD, MD Anderson Cancer Center

Co-Is: Charlie (Zhezong) Luo, MD; Juliana Zuniga, BS

The Use of Nesting Behavior for Pain Scoring and Determination of the Effect of Nesting Material Provision on Post-Operative Fecal Corticosterone Levels in Mice.

PI: Douglas K Taylor, DVM, MS, DACLAM, Emory University

Co-I: Patricia Whitten, PhD

2008

The Effect of Cage Conditions and Group Size on Rat Well-being and Affective State

PI: Patricia V. Turner, MS, DVM, DVSc, DACLAM, University of Guelph

Co-I: Francesco Leri, PhD

Impact of Nesting Material on Mouse Thermoregulation and Variability

PI: Joseph P. Garner, PhD, Purdue University

Co-Is: Jerry K. Davis DVM, PhD; Christopher J. Gordon, PhD

Use of Cognitive Bias to Assess Welfare of Rats Housed in Cages with Altered Dimensions

PI: Deb Hickman, DVM, MS, DACLAM, Portland VA Research Foundation

Co-I: Stephanie Murphy, VMD, PhD, DACLAM

2007

Animal Dark-phase Light Contamination: Impact on Human Cancer Metabolism

PI: Robert T Dauchy, BA, RLATG, Bassett Research Institute, Cooperstown, NY

Co-I: David E. Blask, PhD, MD; Michael Greene, PhD

Characterization of Body Condition Score as a Method of Assessing Health Status in Rats

PI: Deb Hickman, DVM, MS, DACLAM, Portland VA Research Foundation

Co-I: Stephanie Murphy, VMD, PhD, DACLAM; Sharon Anderson, MD

Determination of the Appropriate Ambient Temperature for Housing Small Rodents

PI: Lisa Leon, PhD, US Army Res Inst, Natick, MA

Co-I: Justin W. Brown, PhD

Positive Human Contact as Social Enrichment to Improve Rat Welfare and Research Validity

PI: Sylvie Cloutier, BSc, MSc, PhD, Washington State University

Co-Is: Ruth Newberry, PhD; Jaak Panksepp, PhD