



2009

**Impact of Nesting Material on Mouse Thermoregulation and Variability**

**PI:** Joseph P. Garner, PhD

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

**Affiliation:** Purdue University

**Post-operative Analgesia in a Mouse Mammary Cancer Model**

**PI:** Trinka W. Adamson, BHS, MS, DVM

**Co-PI:** Alexander D. Borowsky, BS, MD

**Affiliation:** University of California, Davis

**Behavioral and Neurobiological Effects of Communal Nesting in Inbred Mice**

**PI:** Kathleen Heiderstadt, DVM, MS, DACLAM

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

**Affiliation:** Pennsylvania State University

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

**PI:** Kathy Laber D.V.M., MS, DACLAM

**Co-PI:** Marcelo Lopez, PhD

**Affiliation:** Medical University of South Carolina

**Physiological and Behavioral Effects of Environmental Vibration in Mice**

**PI:** Aaron L. Olsen, DVM, PhD

**Co-PIs:** Steven Folkman, PhD; Timothy Shahan, PhD

**Affiliation:** Utah State University

**Superovulation of Six Commonly Used Mouse Strains Determined by Weight**

**PI:** Jan Parker-Thornburg, Ph.D.

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

**Affiliation:** M. D. Anderson Cancer Center

**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

**Co-PI:** Patricia Whitten, PhD

**Affiliation:** Emory University

## 2008

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**PI:** Joseph P. Garner, PhD

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**Affiliation:** Purdue University

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

**PI:** Deb Hickman, DVM, MS, DACLAM

**Co-PI:** Stephanie Murphy, VMD, PhD, DACLAM

**Affiliation:** Portland VA Research Foundation

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

**PI:** Patricia V. Turner, MS, DVM, DVSc, DACLAM

**Co-PI:** Francesco Leri, PhD

**Affiliation:** University of Guelph

## 2007

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

**PI:** Sylvie Cloutier, BSc, MSc, PhD

**Co-PIs:** Ruth Newberry, PhD; Jaak Panksepp, PhD

**Affiliation:** Washington State University

### **Determination of the Appropriate Ambient Temperature for Housing Small Rodents**

**PI:** Lisa Leon, PhD

**Co-PI:** Justin W. Brown, PhD

**Affiliation:** US Army Res Inst, Natick, MA

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

**PI:** Deb Hickman, DVM, MS, DACLAM

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

**Affiliation:** Portland VA Research Foundation

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

**PI:** Robert T Dauchy, BA, RLATG

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

**Affiliation:** Bassett Research Institute, Cooperstown, NY