

## 2010 Annual Report

September 2, 2010

The ACLAM Foundation Committee is pleased to make this report

In 2009-2010 ACLAM members donated over \$102,000 to support research in the Foundation. We now have 148 members in the President's Circle for Sustained Giving, with outstanding pledges of over \$290,000. We are very thankful to all of you that have donated during this year and in years past. In addition to your donations, the Foundation has generous contributions from Abbott Laboratories funding all or part of 3 grants, and Pfizer funding 2 grants. Other corporate donors including Merck, Charles River Laboratories, Taconic, Amgen and Harlan further augmented our individual donor gifts funding 4 grants.

In 2010 the ACLAM Foundation funded 9 grants for a total of \$164,000. Grants awarded this year include:

1). Stephen Felt, Stanford University \$1885

"To determine the tissue levels of enrofloxacin given intramuscularly and subcutaneously to laboratory *Xenopus laevis*."

The goal of this work is to determine the tissue levels of enrofloxacin when give to *Xenopus laevis*.

2). **Pfizer** Jean Nemzek, University of Michigan \$29,148

"Immunological impact of buprenorphine analgesia on a model of sepsis: Influences of strain, sex and disease severity"

This study will examine the effects of buprenorphine on cecal ligation models in mice. This is an extension of a previously funded grant (2008).

3). **AAALAC** William Hill, University of Tennessee \$3137

"An evaluation of repeat administration of Tribromoethanol in C57BL/6NHsd mice"

The goal of the study is to determine guidelines for administering avertin in mice.

4). Eric Hutchinson, Johns Hopkins University \$20,000

"Characterization and Diagnosis of Bone and Gut Syndrome in the Common Marmoset (*Callithrix jacchus*)"

The investigators propose to examine familial history and biochemical markers to predict or detect early onset of marmoset wasting syndrome and metabolic bone disease.

5). **ABBOTT Laboratories** Larry Thaete, Northshore University HealthSystem Research Institute \$30,000

"Impact of Anesthesia and Analgesia on Fetal Growth in the Mouse"

The goal of this study is to determine the impact of analgesics and anesthetics given at different times during gestation on the development of mouse feti.

6). **ABBOTT Laboratories** Greg Wilkerson, University of Texas \$6,500

"Effects of visual barriers on chronic stress and distress within gang-caged rhesus macaques in established breeding colonies"

This is an extension of the 2009 proposal to include completion of the neonates born during the previous year. The proposal examines effects on numerous parameters of the addition of a visual barrier within the gang cage.

7). **Pfizer** Susan Compton, Yale University \$30,000

Assessment of risk of transmission of mouse parvovirus from immunodeficient C57BL/6 mice

This study examines the shedding of parvovirus in 3 different immunodeficient C57BL/6 mice for up to 18weeks.

8). **MERCK & Co.** Lon Kendall, Colorado State University \$24,022

Immunotolerance and immune regulation by mouse parvovirus

This study investigates effects of immunity on the shedding of parvovirus in mice and whether in utero infection plays a role in persistent shedding.

9). **ABBOTT Laboratories and Amgen** Neil Rowland, University of Florida \$19,350

Establishing physiologically-defined welfare standards for dehydration in mice  
The investigators are examining the effects of dehydration on mouse clinical parameters and will establish information for determining how long rodents need to be without water to lead to dehydration.

Connect to this link <http://aclam.org/foundation/awarded.html> if you want more information.

This brings our total number of funded grants since the Foundation was created in 1997 to 87 with a cumulative grant award value of \$1,635,397. Our awardees have made remarkable progress on these grants having published 50 articles in peer reviewed journals and given at least 105 presentations at national meetings. All grants from 2005 and earlier are now completed.

Please note that 41 ACLAM members have served on the Foundation Committee. Thru their and your dedication and support we will continue to make the ACLAM Foundation a success. Please consider making a donation to the Foundation this year, if you have not already done so, to ensure the ACLAM Foundation has the resources to fund more worthy grants in 2011.

Greg Boivin, D.V.M.  
Chairman, ACLAM Foundation

Jack Kinkler  
Development Officer

October 6, 2010