

Report Information

Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	1R03AI078154-01	066470972	2010 / 2	No

Award Recipient Information

Recipient DUNS Number 066470972	Recipient Address 1 107 SAMFORD HALL
Recipient Account Number 219037	Recipient Address 2
Recipient Congressional District 02	Recipient City AUBURN
Parent DUNS Number 066470972	Recipient State AL
Recipient Type 2U.95.G6.M8.OH.VW	Recipient ZIP Code + 4 368490001
Recipient Legal Name AUBURN UNIVERSITY	Recipient Country USA
Recipient DBA Name	

Project / Award Information

Funding Agency Code 7529	Total Number of Sub Awards less than \$25,000/award 1
Awarding Agency Code 7529	Total Amount Sub Awards less than \$25,000/award 7000.00
Program Source (TAS) Code 75-0900	Total Number of Sub Awards to 0 Individuals 0
Sub Account Number for Program Source	Total Amount of Sub Awards to 0.00 Individuals 0.00
CFDA Number 93.701	Total Number of Payments to 7 Vendors less than \$25,000/award 7
Amount of Award 76451.00	Total Amount of Payments to 1280.15 Vendors less than \$25,000/award 1280.15
Award Date 07/22/2009	
Award Description The goal of this project is that, within one-year, a proof of concept for the novel class of inhibitors (that affect both trophozoite growth and encystation in vitro) will be accomplished. A lead compound will be tested for efficacy in two in vivo models of Giardiasis, an initial pharmacokinetic/toxicology assessment will be performed, and a determination will be made whether the lead compound should be advanced into phase I clinical trials.	

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Project Information

Project Name or Project/ Program Title	Activity Codes (NAICS or NTEE-NPC) (up to 10)
<p>Quarterly Activities/ Project Description</p> <p>Anti-Giardia Cyst Wall Synthase Drugs: In-vivo Testing</p> <p>The original grant awardee, Dr. Christine C. Dykstra, was recently deceased. Dr. Byron L. Blagburn was asked to assume responsibility for conduct of the research outlined in the proposal. Dr. Blagburn has met with Ms. Talia Gillespie to discuss the current status of proposed research and to identify and implement a strategy for continuation of the research activities. Our first objective was to re-establish proposed isolates in the laboratory and generate cysts for use in the suckling mouse model. We have also decided to utilize a serial inoculation apparatus that Dr. Blagburn has used in previous NIH-funded research. This apparatus was not proposed in the original research and should reduce the inoculation/treatment workload for Ms. Gillespie.</p> <p>Plans for next quarter:</p> <ul style="list-style-type: none"> - re-establish in vitro and in vivo isolates of Giardia lamblia - re-establish in vitro encystation procedures - re-establish a gerbil model for Giardia cyst production - optimize the in vivo suckling mouse model - begin evaluation of candidate Giardia cyst wall synthase inhibitors. 	<p>Activity Code 1 B43 - NTEE</p> <p>Activity Code 2</p> <p>Activity Code 3</p> <p>Activity Code 4</p> <p>Activity Code 5</p> <p>Activity Code 6</p> <p>Activity Code 7</p> <p>Activity Code 8</p> <p>Activity Code 9</p> <p>Activity Code 10</p>
<p>Project Status Completed 50% or more</p> <p>Total Federal Amount ARRA Funds Received/ Invoiced 51268.37</p> <p>Number of Jobs 1.02</p> <p>Description of Jobs Created Faculty, Post Doctoral</p>	

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Associate, Research
Technician, Other Staff
Total Federal Amount of ARRA 55274.95
Expenditure
Total Federal ARRA 0.00
Infrastructure Expenditure
Infrastructure Purpose and Rationale

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Infrastructure Contact

Name	Street Address 1
Email	Street Address 2
Phone	Street Address 3
Ext	City
	State
	ZIP Code + 4

Primary Place of Performance

Address 1	Department of Pathobiology
Address 2	166 Greene Hall
City	Auburn University
Country Code	US
State	AL
ZIP Code + 4	36849 - 0001
Congressional District	02

Recipient Highly Compensated Officers

Prime Recipient Indication of Reporting Applicability	No	Officer 3 Name	
Officer 1 Name		Officer 3 Compensation	
Officer 1 Compensation		Officer 4 Name	
Officer 2 Name		Officer 4 Compensation	
Officer 2 Compensation		Officer 5 Name	
		Officer 5 Compensation	

Report Audit Trail

Created By	Cindy Selman
Date Created	07/01/2010 11:52 AM
Last Updated By	Cindy Selman
Last Updated On	07/07/2010 11:51 AM