

Report Information

| Award Type | Award Number | Prime DUNS | Calendar Year / Quarter | Final Report |
|------------|-----------------|------------|-------------------------|--------------|
| Grant | 1R03AI078154-01 | 066470972 | 2010 / 4 | 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.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 |
| Sub Account Number for Program Source | Total Amount of Sub Awards to 0.00 Individuals |
| CFDA Number 93.701 | Total Number of Payments to 14 Vendors less than \$25,000/award |
| Amount of Award 76451.00 | Total Amount of Payments to 2442.05 Vendors less than \$25,000/award |
| Award Date 07/22/2009 | |
| Award Description Giardia is an important cause of diarrheal disease in humans and other animals. Safer and more effective therapies are needed. We propose in this research to evaluate several candidate compounds (in addition to SP 1020 - our lead compound). To date we have re-acquired isolates of Giardia and also samples of candidate drugs. We have arranged for delivery and placement of Giardia into Gerbils for propagation. We can then begin the encystment studies in vitro. As cysts become available, we can initiate the dose-finding studies in mice and then move to the Gerbil model. When these studies are complete, we will then be capable of determining whether the candidate drugs can be advanced to further (possibly pre-clinical) studies. The goal of this project is that, within one-year, a proof of | |

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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.

Project Information

| Project Name or Project/ Program Title | Quarterly Activities/ Project Description | Activity Codes (NAICS or NTEE-NPC) (up to 10) |
|---|--|--|
| Anti-Giradia Cyst Wall Synthase Drugs: In-vivo Testing | We have identified novel drugs that affect both growth and or encystment of Giardia lamblia in vitro. The next step for their development is to test for activity in animal models of disease. The purpose of this research is to test a lead compound (SP 1020 and several additional candidates) in suckling mice(to establish doses) and Mongolian Gerbils (the gold standard to determine efficacy) models. Is is our hope that data will be sufficient to justify additional testing of SP1020. | Activity Code 1 B43 - NTEE Activity Code 2 Activity Code 3 Activity Code 4 Activity Code 5 Activity Code 6 Activity Code 7 Activity Code 8 Activity Code 9 Activity Code 10 |
| Project Status | Completed 50% or more | |
| Total Federal Amount ARRA Funds Received/ Invoiced | 70660.42 | |
| Number of Jobs | 0.26 | |
| Description of Jobs Created | Research Technician | |
| Total Federal Amount of ARRA Expenditure | 70968.52 | |
| Total Federal ARRA Infrastructure Expenditure | 0.00 | |

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Infrastructure Purpose and Rationale

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| Grant | 1R03AI078154-01 | 066470972 | 2010 / 4 | No |

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

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|------------------------|---------------------|
| Created By | Cindy Selman |
| Date Created | 01/02/2011 02:54 PM |
| Last Updated By | Cindy Selman |
| Last Updated On | 01/05/2011 11:56 AM |