Project Title: Non-Heme Iron Oxygenase Catalysis

Project No: G-33-H01

Project Director: Dr. Sheldon W. May

Sponsor: DHEW/PHS/NIH - National Institute of General Medical Sciences

Agreement Period: From 9/1/77 Until 8/31/78 (01 year)

Type Agreement: Grant No. 1 R01 GM23474-01

Amount: $53,051 New PHS Funds (G-33-H01)
10,109 GIT Contribution (G-33-316)
$63,160 Total

Reports Required: Annual Progress Reports with Continuation Applications
Terminal Progress Report upon Grant expiration

Sponsor Contact Person(s):

Technical Matters
John C. Dalton, Ph.D. (Dr. Eugene J. Oliver)
Dep. Assoc. Director for Program Activities
National Institute of General Medical Sciences
Bethesda, MD 20014

Contractual Matters
(thru OCA)
Evelyn W. Carlin
Grants Management Officer
Office of Assoc. Director for Program Activities
National Institute of General Medical Sciences
Bethesda, MD 20014

Defense Priority Rating: none

Assigned to: Chemistry (School/Laboratory)

COPIES TO:

Project Director
Division Chief (EES)
School/Laboratory Director
Dean/Director--EES
Accounting Office
Procurement Office
Security Coordinator (OCA)
Security Coordinator (OCA)
Project Title: Non-Heme Iron Oxygenase Catalysis

Project No: G-33-H01

Project Director: Dr. Sheldon W. May

Sponsor: DHEW/PHS/NIH National Institute of General Medical Sciences

Effective Termination Date: 8/31/78 (end of 01 budget period)

Clearance of Accounting Charges: by 8/31/78

Grant/Contract Closeout Actions Remaining:

- Final Invoice and Closing Documents
- Final Fiscal Report
- Final Report of Inventions
- Govt. Property Inventory & Related Certificate
- Classified Material Certificate

X Other Annual Report of Expenditures due by 11/30/78.

NOTE: Follow-on Project is G-33-H02 (02 Year).

Assigned to: Chemistry (School/Laboratory)

COPIES TO:

Project Director
Division Chief (EES)
School/Laboratory Director
Dean/Director—EES
Accounting Office
Procurement Office
Security Coordinator (OCA)
Reports Coordinator (OCA)

Library, Technical Reports Section
Office of Computing Services
Director, Physical Plant
EES Information Office
Project File (OCA)
Project Code (GTRI)
Other

CA-4 (3/76)
March 6, 1979

National Institutes of Health
Division of Financial Management
Grants Section, FAAB
Building 31, Room 3B-40
Bethesda, MD 20014

Dear Sir or Madam:

Enclosed is the Report of Research Grant Expenditures (HEW 489) for Grant No. 1 R01 GM23474-01 for the period 9/1/77 - 8/31/78.

If you have any questions or require additional information, please let us know.

Sincerely,

David V. Welch, Manager
Grants & Contracts Acctg.

DVW/BIT/bs
Enclosure
cc: Dr. S. W. May
Dr. J. A. Bertrand
Mr. E. E. Renfro
Mr. A. H. Becker
File G-33-H01
1. Expenditures of DHEW Funds for this Report Period

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Personnel</td>
<td>$22,576.24</td>
</tr>
<tr>
<td>b. Consultant services</td>
<td>$454.00</td>
</tr>
<tr>
<td>c. Equipment</td>
<td>$6,465.04</td>
</tr>
<tr>
<td>d. Supplies</td>
<td>$7,834.14</td>
</tr>
<tr>
<td>e. Travel, domestic</td>
<td>$739.52</td>
</tr>
<tr>
<td>f. Travel, foreign</td>
<td>-</td>
</tr>
<tr>
<td>g. Patient care costs</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>h. Alterations and renovations</td>
<td>$167.83</td>
</tr>
<tr>
<td>i. Other Retirement</td>
<td>$38,236.77</td>
</tr>
<tr>
<td>j. Total direct costs</td>
<td>$53,982.45</td>
</tr>
<tr>
<td>k. Indirect costs:</td>
<td>-</td>
</tr>
<tr>
<td>Base</td>
<td>-</td>
</tr>
</tbody>
</table>

2. Expenditures from Prior Periods (previously reported) - 0-

3. Cumulative Expenditures $53,982.45

4. Total Amount Awarded - Cumulatively $53,982.45

5. Unexpended Balance (Item 4 less Item 3) (931.45)

6. Unliquidated Obligations - 0-

7. Unobligated Balance (Item 5 less Item 6) (931.45)

8.a. Cost Sharing Information - Grantee Contribution This Period $5,109.47

8.b. % of Total Project Costs (Item 8a divided by total of Items 1 and 8a) 8.65%

9.a. Interest/Income (enclose check) - 0-

9.b. Other Refundable Income (enclose check) - 0-

10. Remarks

* 9/1/77-6/30/78 $17,653.24 @ 68% = $12,004.20
7/1/78-8/31/78 4,923.00 @ 76% = 3,741.48

$22,576.24 $15,745.68

I hereby certify that this report is true and correct to the best of my knowledge, and that all expenditures reported herein have been made in accordance with applicable grant policies and for the purposes set forth in the application and award documents.

David V. Welch, Assoc. Prof.

Dr. S.W. May, Assoc. Prof.

2/28/79 Date

3/16/79 Date