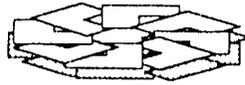


PD ABF-077
ISA 77011



ATLANTIC RESOURCES CORPORATION

**Malaria Vaccine Development & Research Project
Support Services & Technical Assistance**

**Project No. 936-5979.03
Contract No. DPE-5979-C-00-0039-00**

**Progress Report
April 1 - June 30, 1991**

This report covers the period of 4/1/91 through 6/30/91. This reporting period was notable for the introduction of a quarterly newsletter, the *A.I.D. MVDP Update*, progress in the malaria vaccine construction initiative, planning for the upcoming Scientific Consulting Group (SCG) meeting and cataloging the bulk of malaria books and articles.

The *A.I.D. MVDP Update* newsletter was designed to increase the level of communication between A.I.D. and the Scientific Consulting Group (SCG). The first edition of the *Update* was published in June and, hereafter, will be published quarterly. Initial articles discussed the status of the Patarroya vaccine, an overview of the malaria program, and invited suggestions for other articles. With the first issue, circulation was limited to SCG members but the second and subsequent issues will be distributed to a wider audience, notably principal investigators and other interested parties. The second issue is scheduled to be printed in September.

Further progress was made in the malaria vaccine design and construction initiative with iterations of the PASA agreement negotiated back and forth. This activity is expected to increase in the next quarter.

Definitive plans were made for the October 7-9, 1991 meeting of the SCG and Principal Investigators. A contract was signed with the Omni Shoreham Hotel after investigating other possible sites. A timetable has been developed for the meeting.

Other routine activities progressed smoothly, including the clerical and administrative support provided to the 7th floor, the dedicated time of administrative staff to support the Malaria Information Resource Center, (organizing, filing etc.), and writing and distributing a summary of the weekly malaria staff meeting. The filing system was formalized to meet a variety of needs, and a scrapbook collection was initiated to build institutional memory.

In the area of acquisitions, new books were ordered. Pending journal subscriptions arrived and were circulated among A.I.D. staff. The scientific library of the Malariologist has been labeled and cataloged on computer. In addition, a system of reviewing current journals and requesting relevant articles has been initiated.

Among unresolved problems this quarter, a LAN that is capable of handling both the Macintosh and IBM computers continues to be elusive. While the explanations of software incompatibilities and other problems are valid and compelling, in fact this problem has dragged on and is now being addressed on a weekly basis. Also noted in this report is information on staff utilization.

Primate Database Management

- The primate database on Paradox was transferred to ARC and was updated this quarter.

Development Educational Brochure

- Awaiting the new starts before proceeding, the projected date of new awards is Sept. 91.

Malaria Vaccine Design and Construction

- Continued liaison with NIAID aimed at development of a PASA with A.I.D. and publication of an RFA; additional changes were made to draft documents in response to NIAID queries.

Consultants Roster

- Individual responses were drafted to several SCG members addressing specific contractual questions. Additional contracts were completed.

Primate Protocol Review

- Reviewed protocol for testing *P. vivax* sporozoite vaccines under development by Naval Medical Research Institute (NMRI) in *Saimiris* at CDC prior to submission to external reviewers; evaluated external reviews, wrote approval letter to CDC.
- Reviewed protocol for testing *P. falciparum* under development by Behringwerke; wrote letter to CDC requesting additional information
- Reviewed proposal requesting A.I.D. financial support for immunoglobulin *P. vivax* hybrid antigen construction and testing; wrote letter to CDC with analysis of proposal declining request.

Site Visit Support

- Initial plans, including a timeline and suggested participants, were discussed for upcoming (February 92) PNG/Kenya evaluation.

Cooperative Agreement Solicitation

- With co-worker, developed 1991-92-RFA's for MVDP. Designed and created format for RFA's. Worked with A.I.D. to develop announcement of next RFA for publication in the journals *Nature* and *Science*.

Primate Care Support

- Participated in development and review of monkey RFA.

Human Vaccine Testing

- Contributed to the meeting at the London School of Tropical Medicine and Hygiene entitled: "Malaria: Waiting for the Vaccine", 14 - 17 April 1991; advocated prompt clinical testing of promising vaccines rather than attempt to infer what to expect from nondefinitive preclinical experiments.

Malaria Vaccine Development Program Combined Staff Meeting Support

- Contributed meeting input, regularly attended meetings, and followed up with preparation and distribution of meeting summary.

Federal Malaria Vaccine Coordinating Committee (FMVCC) Meeting Support

- Developed agenda and facilitated April 26, 1991 meeting. Wrote, revised and distributed minutes of April meeting.
- Planned agenda, distributed invitations, and made preparations for upcoming July 31, 1991 meeting.

Conference and Meeting Support for SCG/PIs

- Contract signed, initial plans formulated, negotiations with travel agent begun, and overall strategy developed for October 7-9, 1991 meeting.

Resource Center Maintenance

- Continued development of 1991 Malaria References Database; trained co-worker to assist in maintenance. There are currently 195 citations in the database and hard copies of 66 selected articles in the collection.

Miscellaneous

- Wrote paper entitled "Prospects for Control of Malaria in the 21st Century" and made presentation at the Centennial Symposium on Tropical Medicine at the University of Texas Medical Branch in Galveston, Texas on 30 May - 2 June 1991.

4'

**STAFF UTILIZATION AS OF 6/30/91
MALARIA**

CATEGORY	HOURS BUDGETED 9/90 - 8/91	HOURS USED 4/91 - 6/91	PERCENTAGE USED
Project Director	1,312	643	49%
Asst. Project Director	1,558	544	35%
Malaria Vaccinologist	1,880	432	23%
Project Assistant	984	672	68%
Typist (on site)	984	945	96%
Writer/Researcher	410	15	4%
Financial Mgt. Specialist	164	0	—
MIS Specialist	0	417	—
Analyst	0	8	—
Typist (off site)	0	62	—

**FINANCIAL STATUS AS OF 6/30/91
MALARIA**

CATEGORY	TOTAL BUDGETED	BILLED TO DATE	PERCENTAGE BILLED	TOTAL REMAINING
1. Direct Labor	\$203,615	\$79,521	40%	\$124,093
2. Overhead	99,811	42,020	42%	57,790
3. Other				
Consultants	19,173	1,475	8%	17,697
Travel	44,287	3,249	7%	41,037
Equipment	<u>35,206</u>	<u>35,352</u>	<u>100.42%</u>	<u>146</u>
Primates	110,000	44,138	40%	65,861
Other direct *	<u>72,499</u>	<u>75,224</u>	<u>103.76%</u>	<u>2,725</u>
Total Other	281,165	159,440	56.71%	121,724
4. Subtotal (1, 2, 3)	584,591	280,981	48%	303,609
5. G&A	87,689	42,147	48%	45,541
6. Fee	52,102	25,042	48%	27,059
7. GRAND TOTAL	\$724,382	348,171	48%	\$376,210

* includes:

delivery	\$ 481.00
insurance	509.00
maint./repair	9,809.00
moving	7,424.00
photocopies	216.00
postage	283.00
rent	37,589.00
research material	5,719.00
supplies	5,783.00
telephone	6,015.00
training	1,050
local travel	<u>394.83</u>
 TOTAL	 <u>\$75,224</u>