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CONTRACTING ORGANIZATION: Walter Reed Army Institute of Research
Washington, DC 20308-5100

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FOREWORD

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PI - Signature

Date

**1998 GORDON RESEARCH CONFERENCE
on MALARIA
FINAL PROGRESS REPORT**

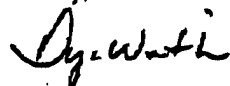
**ARMY MEDICAL RESEARCH & DEVELOP COMMAND
GRANT NO. DAMD17-98-1-8384**

The Gordon Research Conference (GRC) on MALARIA was held at SOMERVILLE from 7/26/98 thru 7/31/98. The Conference was well-attended with 103 participants (attendees list attached). The attendees represented the spectrum of endeavor in this field coming from academe, industry, and government laboratories, both U.S. and foreign scientists, senior researchers, young investigators, and students.

In designing the formal speakers program, emphasis was placed on current unpublished research and discussion of the future target areas in this field. There was a conscious effort to stimulate lively discussion about the key issues in the field today. Time for formal presentations was limited in the interest of group discussions. In order that more scientists could communicate their most recent results, poster presentation time was scheduled. Attached is a copy of the formal schedule and speaker program and the poster program. In addition to these formal interactions, "free time" was scheduled to allow informal discussions. Such discussions are fostering new collaborations and joint efforts in the field.

I want to personally thank you for your support of this Conference. As you know, in the interest of promoting the presentation of unpublished and frontier-breaking research, Gordon Research Conferences does not permit publication of meeting proceedings. If you wish any further details, please feel free to contact me. Thank you.

Sincerely,



revised 9/98 (RSL)

Malaria

Somerville College, Oxford
July 26-31, 1998

Sunday Evening:

(5:30 pm - 7:00 pm) Dinner

7:00 pm - 9:00 pm Introductions

Malaria in Africa: Epidemiology and Case Management
Dr. Ogobara Doumbo, University of Mali

Immunology: Where are our gaps in knowledge
Dr. Odile Pujalon, Institut Pasteur

Drugs and drug resistance
Dr. Ayo Oduola, University of Ibadan

9:00 pm - 10:30 pm Reception

Monday Morning:

(8:00 am - 9:00 am) Breakfast

9:00 am - 12:30 pm Pathogenesis: Why children die
Dr. Richard Carr and Dr. Dominic Kwiatkowski, John Radcliffe Hospital

Bednets: Are we saving lives
Dr. Christian Lengeler, Swiss Tropical Institute

Epidemiology and Population Biology
Dr. Karen Day, University of Oxford

New Drug Development: Drug Targets
Dr. Yongyuth Yuthavong, National Science and Technology Development Agency

Monday Afternoon:

(12:30 pm - 1:30 pm) Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 5:30 pm Poster Session (with refreshments)
(Immunology and vaccines, epidemiology and bednets)

Monday Evening:

(5:30 pm - 7:00 pm) Dinner

pm)

Working Groups

- 7:00 pm. - 9:30 pm
 - Immunology and Vaccines: Dr. Rose Leke, University of Yaounde
 - Biochemistry and Genetics: Dr. Yongyuth Yuthavong
 - Drugs and Drug Resistance: Dr. Ayo Oduola
 - Pathogenesis and Case Management- Dr. Brian Greenwood, London School of Hygiene and Tropical Medicine
 - Vector Biology: Dr. Richard Hawley, CDC and Dr. Tony James, University of California
 - Bednets: Dr. Jacqueline Cattani, University of South Florida and Dr. Ogobara Doumbo
 - Epidemiology: Dr. Karen Day

9:30 pm - 12:00 pm Informal discussion /Cash Bar

Tuesday Morning:

(8:00 am - 9:00 am) Breakfast

9:00 am -12:30 pm Immunology and Vaccines:

Immunology and Human Immune Response:

- Dr. Eleanor Riley, University of Edinburgh
- Dr. Peter Perlman, Stockholm University
- Dr. Rose Leke

Ongoing Human Vaccine Trials

- Dr. Elizabeth Nardin, NYU School of Medicine
- Dr. Ruobing Wang, Naval Medical Research Institute
- Dr. Margaret Pinder, Medical Research Council

Tuesday Afternoon:

(12:30 pm - 1:30 pm) Lunch

2:00 pm - 4:00 pm Free Time

4:00 pm - 5:30 pm Poster Session II (with refreshments)
(Drugs and Drug Resistance, Vector Biology)

Tuesday Evening:

(5:30 pm - 7:00 pm) Dinner

7:00 pm - 8:30 pm Vector Biology: Current status and gaps in our knowledge
Vector Biology: Will designer mosquitoes work
Dr. Tony James

8:15 pm - 9:15 pm Cytoadherence

- Dr. Chris Newbold, University of Oxford
- Dr. Ross Coppel, Monash University

9:15 pm - 10:30 pm Working Groups continued

10:30 pm - 12:00 Informal discussion /Cash Bar
pm

Wednesday Morning:

(8:00 am - 9:00 Breakfast
am)

9:00 am - 10:15 The Malaria Genome
am

- Overview: Dr. Chris Newbold
- Chromosome 2: Dr. Malcolm Gardner, Institute of Genomic Research

10:30 am -12:30 Working Groups continued
pm

Wednesday Afternoon:

(12:30 pm - 1:30 Lunch
pm)

2:00 pm - 4:00 pm Free Time

3:00 pm - 4:30 pm Opportunities for funding
Dr. Michael Gottlieb
Dr. Fabio Zicker
Dr. Catherine Davies
Dr. Dennis Kyle

4:00 - 5:30 pm Poster Session III (with refreshments)
(Pathogenesis and Case Management, Biochemistry and Genetics)

Wednesday Evening:

(5:30 pm - 7:00 Dinner
pm)

7:00 pm - 8:15 pm Molecular Markers of Drug Resistance
Dr. Chris Plowe, University of Maryland

New approaches to Drug Development
Dr. Dennis Kyle, Walter Reed Army Institute of Research

8:30 pm - 10:00 pm Summary of Working Group Discussions (30 minutes each)

Immunology and Vaccines - Dr. Rose Leke
Vector Biology - Dr. Richard Hawley
Epidemiology - Dr. Karen Day

10:00 pm - 12:00 Informal discussion /Cash Bar
pm

Thursday Morning:

(8:00 am - 9:00 Breakfast
am)

9:00 am - 12:15 pm Summary of Working Group Discussions (30 minutes each)

Pathogenesis and Case Management - Dr. Brian Greenwood
Bednets - Dr. Ogobara Dounbo

Drugs and Drug Resistance - Dr. Ayo Odoula.
Biochemistry and Genetics - Dr. Yongyuth Yuthavong
General Discussion - Dr. Odile Puijalon

Thursday Afternoon:

(12:30 pm - 1:30 pm) Lunch
2:00 - 4:00 pm Free Time for Discussion
4:00 - 6:00 pm Opportunities and Challenges in Malaria Research

- Dr. Ogobara Doumbo
- Dr. Ruth Nussenzweig, New York University Medical Center
- Dr. Ayo Odoula
- Dr. Louis Miller, NIH
- Dr. Yongyuth Yuthavong

Thursday Evening:

7:30 pm Dinner
9:00 pm - 12:00 pm Informal discussion /Cash Bar

Friday Morning:

(8:00 am - 9:00 am) Breakfast and departure



1998 Registration List:
MALARIA

This was the final registration list for the 1998 Conference on
MALARIA.

NAME	ORGANIZATION	PARTICIPATION	STATUS
Last Updated 17-OCT-98			
EDITH AJAYEORA	UNIVERSITY OF IRADAN, NIGERIA	POSTER	Registered
JOHN W BARNWELL	NEW YORK UNIVERSITY SCHOOL OF MEDIC	DISC LDR	Registered
HANS-PETER BECK	SWISS TROPICAL INSTITUTE	POSTER	Registered
CAROL L BERKOWER	HOWARD HUGHES MEDICAL INSTITUTE	ATTENDEE	Registered
JEAN BICKLI	ORGANISATION DE LA COORDIN. DE LUTT	ATTENDEE	Registered
ANDRUS BJORKMAN	KAROLINSKA INSTITUTE	ATTENDEE	Registered
SCOTT BOILE	UNIVERSITY OF WYOMING	ATTENDEE	Registered
KALIFA BOJANG	MEDICAL RESEARCH COUNCIL LABORATORI	POSTER	Registered
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JACQUELINE CATTANI		ATTENDEE	Registered
SANSANEE C CHAIYARAJ	MAHIDOL UNIVERSITY	POSTER	Registered
LI-HOW CHEN	GENZYME TRANSGENICS CORP	SPEAKER	Registered
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ALIOUNE DIEYE	INSTITUT PASTEUR	ATTENDEE	Registered
DENISE L DOOLAN	QUEENSLAND INST. OF MEDICAL RESEARC	ATTENDEE	Registered
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BEN M DUNN	UNIVERSITY OF FLORIDA COLLEGE OF ME	ATTENDEE	Registered
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AYO ODUOLA	COLLEGE OF MEDICINE IBADAN	SPEAKER	Registered
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