



## Multilateral Initiative on Malaria (MIM)

### Application for a

### RESEARCH CAPABILITY STRENGTHENING GRANT FOR MALARIA RESEARCH IN AFRICA

Please note: completed form should be sent only by email ([mimtdr@who.int](mailto:mimtdr@who.int)). In addition pages 1, 2 and the financial report (with original signatures) should be mailed to tdr. Fax copies will not be accepted.

#### PART I - ADMINISTRATIVE INFORMATION

*Please print or type*

1.1 Full name of Principal Investigator and Institution affiliation:

Surname:

First name(s):

Title:

Full name of Institution:

Full postal address of Principal Investigator:

Telephone:

Fax:

e-mail:

1.2 Title of Project: (120 characters maximum)

1.3 Summary: (Do not exceed the space provided below)

1.4 Proposed starting date:	Estimated duration:
-----------------------------	---------------------

1.5 Submitted to: The <b>MIM / TDR task Force on Malaria Research Capability Strengthening in Africa</b>																						
1.6 Principal Investigator Name: Department / Institution:  -----  Signature : ----- Date: -----																						
<p>Declaration of institutional endorsement</p> <p>I confirm that I have read this application and that, if support is granted, the work will be accommodated and administered in the Department/Institution. I also confirm that the Principal Investigator,</p> <p>-----</p> <p>is a full-time employee of this institution *. Responsible Administrative Authority **: _____</p> <p>Signature: ----- Date: _____ Surname &amp; initials: ----- Post held: _____ <i>(Please print or type)</i></p>																						
Full name of Institution:																						
Full postal address:																						
Telephone:	Telegram:	Telex:																				
Fax:	E-mail:																					
<p>1.7 Institutional and national ethical clearance and approval <i>(Required if the proposal involves research on human subjects, including social sciences research, or collection / use of human blood or other human tissue samples)</i></p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Is ethical clearance required ?</td> <td style="width:10%;">Yes</td> <td style="width:10%; text-align: center;"><input type="checkbox"/></td> <td style="width:10%;">No</td> <td style="width:10%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>If yes, is an institutional ethical clearance document attached ?</td> <td>Yes</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>No</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>If yes, is there a national ethical review body in your country ?</td> <td>Yes</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>No</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>If yes, is a national ethical clearance document attached ?</td> <td>Yes</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>No</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>			Is ethical clearance required ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	If yes, is an institutional ethical clearance document attached ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	If yes, is there a national ethical review body in your country ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	If yes, is a national ethical clearance document attached ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Is ethical clearance required ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>																		
If yes, is an institutional ethical clearance document attached ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>																		
If yes, is there a national ethical review body in your country ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>																		
If yes, is a national ethical clearance document attached ?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>																		
<p>1.8 National government approval</p> <p>Is national government approval required? ( yes / no)</p> <p>If yes, is the approval document attached ?</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:10%;">Yes</td> <td style="width:10%; text-align: center;"><input type="checkbox"/></td> <td style="width:10%;">No</td> <td style="width:10%; text-align: center;"><input type="checkbox"/></td> </tr> </table>				Yes	<input type="checkbox"/>	No	<input type="checkbox"/>															
	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>																		
<p>1.9 Use of animals</p> <p>Are animals to be used in this project ?</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:10%;">Yes</td> <td style="width:10%; text-align: center;"><input type="checkbox"/></td> <td style="width:10%;">No</td> <td style="width:10%; text-align: center;"><input type="checkbox"/></td> </tr> </table> <p>If yes, list species and estimated number:</p>				Yes	<input type="checkbox"/>	No	<input type="checkbox"/>															
	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>																		

\*If this is not the case, please attach a signed statement specifying clearly the Principal Investigator's relationship with the Institution

\*\*An official of the Institution - other than the Principal Investigator - fully empowered to enter into contractual arrangements on behalf of the Institution

**PART II - PROJECT DESCRIPTION**

Complete the application for a MIM / TDR grant by including extra pages as required, providing the following information. Please indicate in the column on the right the corresponding page number where the information can be found. **Do not use the back of a page** and keep within the maximum limit of pages as indicated.

**1. Research project (6 pages maximum)**

- ✓ **Scientific objective(s) and rationale:** (describe research objective(s), research questions to be answered and preliminary data / background information leading to the proposed project. Provide the end points of your study).
- ✓ **Study design:** (describe the study design including where applicable, case definition, sampling procedures, data to be collected and plan of analysis).
- ✓ **Methodology:** (detailed description of methods and procedures to be used in the study).

**2. Capacity building plan (5 pages maximum)**

- ✓ **Capacity building objective(s):** (describe objective(s) and expected results by the end of the project. Indicate competencies lacking in each African institution and how these will be developed).
- ✓ **Training activities proposed:** provide title, tentative dates, objective and expected outcome of workshops, seminars and other group learning activities proposed.
- ✓ **Visiting experts:** Provide name(s) of expert, purpose of visit and tentative dates. Provide name of counterpart to be visited at the host institution and expected impact of the visit on institutional capacity.
- ✓ **Outcomes:** indicate 1 or 2 expected outcomes which represent contribution of the project to partnerships institutional research capacity, networking and malaria control following the completion of the project.
- ✓ **Staff development:** Append a separate plan for formal academic training within the project. For each trainee, provide the name, current institution affiliation, proposed level of training (short term, MSc or PhD), proposed training institution, area / subject of training, expected duration and estimated costs.

**3. Planning:**

- ✓ **Milestones and Timelines:** (give milestones and timelines for the research project and for the capacity building plan). Milestones are major achievements towards meeting the objectives of the project. They are discrete, clear measurable products which indicate the progress of the project and the time at which it is expected to have happened (for example: recruitment of x number of patients by September 2004).
- ✓ **Budget justification:** (Consolidate the funds requested for the research activities, capacity building component and major equipment purchase into a single budget page. The budget should be signed in ink by the PI and the responsible financial officer of the institution). Each item on the budget must be fully justified. Indicate other sources of funding available to the institution / research group. Note that MIM / TDR funds can not be used to cover institutional overhead)

**4. Institutional profile (1 page maximum for each institution described):**

- ✓ Summarize the structure, mandate and current activities of the principal investigators institution. list all scientists who would be directly involved in the MIM/TDR proposal from the institution.

**5. Partners (2 pages maximum):**

- ✓ Indicate other national and international research institutions who will be involved in the project. Describe the expected role of each partner and the national control programme (if any) in the research project. Include a letter from each partner group(s) confirming willingness to collaborate on the research project.

**6. Project Team:**

- ✓ Complete the curriculum vitae page for Principal Investigator, Co-PIs and Partners (Annex 1). CVs should be in the format provided and must **not exceed one page**.

**7. Ethics: Download, review and complete the application check list.** *Note that projects involving human subjects should comply with the recommendations of the Helsinki Declaration and International Guidelines for Biomedical Research Involving Human Subjects. Funds may be used only to support investigations where a) the rights and welfare of the subjects involved in the research are adequately protected, b) freely given, informed consent has been obtained, c) the balance between risk and potential benefits involved has been assessed and deemed acceptable by a panel of independent experts at the Institution. An institutional or national (IRB) ethical approval, a copy of the individual informed consent and other relevant documents should be submitted along with the checklist. The checklist and guidelines can be downloaded from <http://www.who.int/tdr/grants/grants/ethical.htm> or obtained*

by sending a request to [mimtdr@who.int](mailto:mimtdr@who.int)

**PART III. BUDGET**

3.1 Budget details		For WHO use only - Project ID			
Personnel <sup>1</sup> (name, if known)	Position	% of time devoted to project	Budget request (US\$)		
			Year 1 20	Year 2 20	Year 3 20
1	Principal Investigator				
2					
3					
4					
Trainees/fellows:					
1					
2					
3					
<b>Total personnel</b>					
Supplies <sup>2</sup>	<i>[Please enter details here: e.g. expendable items; reagents, field suppliers etc.]</i>				
Equipment <sup>2</sup>	<i>[Please enter details here: e.g. nonexpendable assets; microscopes, computer hardware etc.]</i>				
Animals	<i>[Please enter details here: e.g. specify species and number]</i>				
Patient costs	<i>[Please enter details here: e.g. drugs, hospitalisation, transportation etc.]</i>				
Local travel (field work)	<i>[Please enter details here: e.g. local air tickets, hotel, per diem]</i>				
International travel (research staff)	<i>[Please enter details here: e.g. air tickets, hotel, per diem]</i>				
Visiting experts	<i>[Please enter details here: e.g. air tickets, hotel, per diem]</i>				
Premises renovation	<i>[Please enter details here: e.g. modest alternations and modifications]</i>				
Library	<i>[Please enter details here]</i>				
Vehicles	<i>[Please enter details here: e.g. fuel, purchase, maintenance]</i>				
Training	<i>[Please enter details here: e.g. tuition, stipend etc.]</i>				
Communication	<i>[Please enter details here: e.g. telephone, web etc.]</i>				
Other expenditures (specify and justify below)					
1.	<i>[Please enter details here]</i>				
2.	<i>[Please enter details here]</i>				
3.	<i>[Please enter details here]</i>				
4.	<i>[Please enter details here]</i>				
5.	<i>[Please enter details here]</i>				
<b>Total others</b>					
<b>GRAND TOTAL</b>					
Chief Financial Officer of the Institution		Principal Investigator			
Name		Name			

1 Please include in Annex B the *curricula vitae* of any named scientist, trainee or fellow who will be involved in the project.

2 This should include, where applicable, 20% for packing, freight and insurance charges.

Signature

Date

Signature

Date

**CURRICULUM VITAE** of APPLICANT, PARTNER(S) and COLLABORATORS (1 page *each*)

1. Surname:

Date of birth:

First name(s):

Nationality:

2. Degree(s) (*subjects, university or school, year*)3. Posts held (*type of post, institution/authority, dates*)

4. Recent publications: List only the five most important publications over the last five years (papers in press or submitted for publication are also acceptable)

Please give full bibliographic references (author(s), title, journal, volume, page numbers, years). If applicable, please attach copies of papers in press or submitted if these contain background material relevant to this proposal.

<sup>1</sup> Other formats containing the same information are acceptable but must not exceed the maximum of one page. Use additional pages if necessary and number them as annex 1a, 1b, 1c etc. Please write on one side only.

