



## AMANET TRAINING WORKSHOP ON MALARIA VACCINOLOGY IN DEVELOPING COUNTRIES

### CALL FOR APPLICATIONS

#### **Background**

Despite the use of varied interventions such as prompt and adequate treatment, intermittent presumptive treatment, chemoprophylaxis, and vector control using insecticide treated bednets and source reduction, malaria remains the top public health concern in sub-Saharan Africa.

The sequencing of *Plasmodium falciparum* genome and recent advances in vaccinology, molecular biology and immunology has made malaria vaccine an attractive option as an additional intervention tool. However, malaria vaccine development, testing and deployment have been a painstakingly slow process fraught with many obstacles. Among these include underfunding of research, limited research capacity, ambivalent political will, poor advocacy and low social value for preventive services in Africa. The workshop aims at discussing some of these obstacles and on recent developments in the field of malaria vaccinology paying special emphasis on the situation in Africa.

#### **Objective**

The aim of the workshop is to introduce recent advances and discuss malaria vaccine research problems in Africa to enable participants to acquired capacity for influencing decision making and acceleration of malaria vaccines as an intervention tool.

#### **Workshop format**

The workshop will be conducted in the form of lectures by facilitators as well as small group discussions and plenary presentations among participants. The topics will cover recent developments in relevant areas including:

- Immunology of malaria
- Malaria vaccines discovery, development and deployment
- State of affairs on current candidates for malaria vaccines
- Malaria vaccines strategies and approaches
- Clinical trials for evaluation of candidate malaria vaccines
- Vaccine safety and reporting of adverse events
- Regulatory hurdles and intellectual property rights in Africa
- Malaria parasite diversity and vaccine development
- Host genetic factors and protection from malaria
- Ethical issues in malaria vaccine trials

- Communication and advocacy on immunisations
- Vaccine delivery logistics through primary healthcare services

**Faculty**

Experts from Africa, Europe and USA

**Scholarship**

Successful applicants will be awarded AMANET scholarships, which will cover economy airfares, tuition fees, teaching materials, lunches and accommodation during the workshop. A small allowance will be paid to participants for evening meals. Organisers will, however, not be responsible for expenses met during transit or for procuring visas.

**Venue**

Bagamoyo, Tanzania

**Date**

14-18 March 2005

**Participants**

Applications are invited from malaria researchers in African institutions who are already working in the relevant area of molecular biology and immunology and are of middle or senior rank.

Interested persons should submit a complete application, which must include a brief curriculum vitae, summary of their research work in not more than ten lines justifying how they and their institutions would benefit from the workshop. The application must be accompanied with names and addresses of two referees, including their telephone numbers and email addresses and must be received by **18 February 2005**. Applicants should ask their referees to send letters of recommendation on official letter headed paper directly to the following address:

The Workshop on Malaria Vaccinology in Developing Countries

**African Malaria Network Trust**

Commission for Science and Technology Building

Ali Hassan Mwinyi Road, Room D26

P O Box 33207, Dar es Salaam

Tanzania. Tel: + 255-22-2700018

Fax: + 255-22-2700380.

E-mail: [info@amanet-trust.org](mailto:info@amanet-trust.org)

Website: [www.amanet-trust.org](http://www.amanet-trust.org)