

Malaria kills about 2 million people a year. It is the second pandemic of the world; 40% of world population lives in areas at risk of transmission. 90% of malaria deaths occur in sub-Saharan Africa and children under five years of age old are the most susceptible.

According to World Health Organization (WHO), Artemisinin-based Combination Therapies (ACTs) represent the most effective and promising treatment in fighting malaria. However, most of the affected population does not have access to expensive conventional drugs that have been available on the world market for many years.

Two working tables led by international experts will discuss the issues of fighting malaria in endemic areas where poverty and marginalization do not allow access to conventional treatments.

The first section will primarily focus on medical and scientific aspects. Recent studies, new clinic research results on effectiveness of *Artemisia annua* L. infusion, the effects mechanisms and possible contraindications of the infusion itself will be discussed.

The second section will focus on Africa. It is through testimonies of people working daily in the fields that we will examine the ways of fighting against malaria in Africa, as well as strategies implemented by National Health Systems and appropriate and inappropriate, spontaneous and uncontrolled, use of *Artemisia annua* L. infusion.



Fighting malaria in Africa and *Artemisia annua* L. infusion

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2nd International Conference
organized by ICEI (Istituto Cooperazione Economica
Internazionale) and Piattaforma Artemisia

ROME, APRIL 23rd, 2010
Palazzo Valentini
Sala Di Liegro
Via IV Novembre 119/a

Fighting malaria in Africa and *Artemisia annua* L. infusion

■ 09.00 – 09.45

Opening greetings by **Cecilia D’Elia**

Vice-President Rome Province’s and Province Councillor for Culture

Alfredo Somoza

ICEI President - *ICEI Presentation*

Franco Borelli

Director of ICEI Strategy, Research and Development Office – *Conference introduction*

1st SECTION

Medical and scientific aspects

■ 09.45 – 11.00

Moderator

Zeno Bisoffi

Centre for Tropical Diseases, Sacro Cuore Negrar Hospital, Verona

Merlin Willcox

Honorary Secretary of RITAM - Research Initiative on Traditional Antimalarian Methods, University of Oxford

F. Paolo Fanizzi

Department of Biological and Environmental Science and Technology (Di.S.Te.B.A.), University of Salento

Metabolic Profiling of Pharmacologically Active Plant Extracts

■ 11.00 – 11.30 coffee break

■ 11.30 – 13.30

Pedro Melillo de Magalhães

Researcher at Department of Agrotechnology, CPQBA-UNICAMP, Brazil

Working actions for a clinical trial on Artemisia annua infusion to malaria treatment

Anna Rita Bilia

Department of Pharmaceutical Science, University of Florence

On the quality and stability of Artemisia annua herbal drug

Maurizio Bonati

Manager of Public Health Department, “Mario Negri” Research Institute - Member of Global Health Observatory (OISG)

Challenges in malaria treatment in children

Giordana Marcozzi

Department of Basic Applied Biology, University of L’Aquila

Research of active ingredient on a controlled cultivation applied to Artemisia annua

■ 13.30 – 14.30 lunch break

2nd SECTION

What is happening in Africa?

■ 14.30 – 16.30

Moderator

Franco Francesco Vincieri

Department of Pharmaceutical Science, University of Florence

Bela Adelaide Agostinho

Ministry of Science and Technology -Maputo Ethnobotanical Research and Production Centre (LA), Mozambique

Experience and best practice in the Centre for Research and Development on Ethnobotany

Albert Mbonerane

Association de Lutte Contre la Malaria (ALUMA), Burundi

Experience of A.LU.MA - Burundi in the fighting against malaria in Burundi

Paolo Monti

FIMAC – Italian Foundation of Physicians for Central Africa, Artemisia project in Burundi

Burundi, an example of best practice: cultivation and knowledge of Artemisia annua

Annecy Maledi

ONG Anamed – Action for Natural Medicine, Artemisia project in Democratic Republic of Congo

Anamed approach in fighting malaria in Democratic Republic of Congo

Pierre Lutgen

Vice- president of IFBV – Iwerliewen fir bedreete Volleker

Fighting malaria and dysentery in Cameroon and Senegal with Artemisia annua: recent results

■ 16.30 – 17.00 coffee break

■ 17.00 – 18.30

Giuseppe Meo

CCM – Medical Collaboration Commette, Artemisia project in Sudan

Malaria impact on clinical trials in a rural African hospital

Paola Conti

Share Human Life Project, Artemisia project in Rwanda

The case of Rwanda between light and shade: the state of art

Davide Losa

Watinoma Onlus, Artemisia project in Burkina Faso

Watinoma Association: experience of Artemisia cultivation in Burkina Faso

Carmen Gonzalez Ramos

CTAEX Research Manager – Technological and Food Farming Centre Extremadura, Spain

Agricultural and biochemical evolution of Artemisia annua in Spain

■ 18.30 – 19.00 Debate and conclusions