WHO Annual Meeting on Buruli ulcer
23 to 24 March 2010
WHO Headquarters, Geneva, Switzerland
Room C

PROVISIONAL AGENDA – RESEARCH

EACH SPEAKER HAS 15 MINUTES PLUS 5 MINUTES FOR QUESTIONS

TUESDAY 23 MARCH
14:00 - 15:40

*M. ulcerans* in the environment and transmission to humans (I)
Chairperson: Dr Eric Benbow

1. Dr Sara Eyangoh (14:00 – 14:20)
Risk factors for Buruli ulcer in Bankim, a newly endemic area in Cameroon

2. Professor Julien Doannio (14:20 - 14:40)
Biological diversity and possible implication of aquatic hemiptera in *Mycobacterium ulcerans* transmission to humans in Côte d'Ivoire (West Africa)

3. Professor Pamela Small (14:40 - 15:00)
A Matter of Scale: Demography, Micro-geography, *M. ulcerans*, and Buruli ulcer in the hamlets of a Buruli Ulcer endemic village in Benin

4. Dr Heather Williamson (15:00 - 15:20)
Presence and abundance of *Mycobacterium ulcerans* in 25 Buruli ulcer endemic and nonendemic villages in Benin

5. Dr Lies Durnez (15:20 – 15:40)
The role of terrestrial small mammals as a reservoir of *Mycobacterium ulcerans* in Benin
TUESDAY 23 MARCH
16:00 - 18:00

M. ulcerans in the environment and transmission to humans (II)
Chairperson: Dr Anthony Ablordey

1. Dr Janet Fyfe (16:00 – 11:20)
M. ulcerans colonizes the gastrointestinal tracts of mammals: what is the evidence?

2. Dr Christina McCowan (16:20 - 16:40)
Systemic natural infections with M. ulcerans in Australian marsupials.

3. Dr Eric Benbow (16:40 - 17:00)
The role of climate-environmental-human interactions for predicting Buruli ulcer emergence in Victoria, Australia

4. Dr Ryan Kimbirauskas (17:00 - 17:20)
Benthic macroinvertebrate metrics associated with Mycobacterium ulcerans in Ghana, West Africa: can invertebrate communities indicate the probability of pathogen occurrence?

5. Dr Mollie McIntosh (17:20 – 17:40)
Spatial variation of Mycobacterium ulcerans within an endemic water body

6. Dr Stephanie Miller (17:40 – 18:00)
Diatom-indicated characteristics of aquatic plant biofilms associated with Mycobacterium ulcerans
WEDNESDAY 24 MARCH
09:00 - 10:40

M. ulcerans pathogenesis and host response (I)
Chairperson: Dr Janet Fyfe

1. Dr Lydia Mosi (09:00 – 09:20)
Experimental infection of medaka (Oryzias latipes) with Mycobacterium ulcerans: a model for transmission, pathogenesis and toxicity to fish

2. Professor Julien Doannio (09:20 – 09:40)
Study in laboratory of biology and behaviour of Diplonychus sp (Belostomatidae, Hemiptera), potential vector of Mycobacterium ulcerans, pathogenic agent of Buruli ulcer in Côte d'Ivoire (West africa)

3. Dr Paul Converse (09:40 - 10:00)
BCG protection against experimental Buruli ulcer: role of mouse and M. ulcerans strains

4. Dr Laurent Marsollier (10:00 – 10:20)
Protective effect of water bug saliva against M. ulcerans lesion development

5. Dr David Coulibaly-N’Golo (10:20 – 10:40)
Description of a specific strain of Mycobacterium ulcerans isolated in Côte d'Ivoire: identification using MIRU-VNTR and sequencing.
WEDNESDAY 24 MARCH
11:00 – 12:40

M. ulcerans pathogenesis and host response (II)
Chairperson: Dr Rachel Simmonds

1. Professor Masamichi Goto (11:00 – 11:20)
   Comparison of murine and human histopathology of M. ulcerans infection after chemotherapy

2. Professor Jorge Pedrosa (11:20 – 11:40)
   Study of the impact of cell death on the immune response during experimental Mycobacterium ulcerans infection

3. Dr Laure Guenin-Macé (11:40 – 12:00)
   Modulation of T lymphocyte trafficking by mycolactone

4. Ms Estelle Marion (12:00 – 12:20)
   High throughput screening for identification of mycolactone targets: Relations between M. ulcerans and the nervous system

5. Professor Sven Britton (12:20 – 12:40)
   Let there be light - a novel approach to the assisted healing of Buruli ulcers