



6th Annual EANETT Conference

Khartoum, Sudan

Nov. 29 – Dec. 1, 2004

INFORMATION

Local Organiser

Dr. Intisar ElRayah

Fax: +249 1 83 770701

+249 1 83 781845

Phone: +249 9 2234657

+249 9 12148160

Email: Intisar62@hotmail.com

Trypanosome@sudanmail.net.sd

Programme

Saturday, Nov. 27: Arrival

Sunday, Nov. 28: BoM meeting

Monday, Nov. 29: Conference (9 a.m. – 5:30 p.m.)
Reception (7 p.m.)

Tuesday, Nov. 30: Conference (9 a.m. – 5:30 p.m.)
Conference dinner (7 p.m.)

Wednesday, Dec.01: Conference (9 a.m. – 5:30 p.m.)

Thursday, Dec. 02: Nil cruise (3:30 p.m.)

Detailed scientific programme: see below!

Presentations

Speakers have 20 minutes (including discussion), invited speakers have 30 minutes. PowerPoint and overhead projector will be available. Please let Intisar ElRayah know if you have other requirements.

Accommodation

Accommodation will be organized by Intisar Elrayah. Travel details have to be communicated to Intisar ElRayah asap.

Scientific Programme (overview)

Monday, Nov. 29	09.00 – 09.50	Opening and Welcome	J.M. Ndung'u, I. ElRayah	
	09.50 – 10.20	Coffee break		
	10.20 – 12.30	Session 1 “Public Health & various”	C. Otim	
	12.30 – 14.00	Lunch		
	14.00 – 15.30	Session 2a “Surveillance, Country Reports”	I. El Rayah	
	15.30 – 16.00	Tea break		
	16.00 – 17.30	Session 2b “Surveillance, Reservoir”	K. El Malik	
		19.00	Reception (Holiday Villa Hotel)	
Tuesday, Nov. 30	09.00 – 10.30	Session 3 “Tsetse”	A. Msangi	
	10.30 – 11.00	Coffee break		
	11.00 – 12.30	Session 3 “ <i>T.b.gambiense</i> Animal Model”	R. Brun	
	12.30 – 14.00	Lunch		
	14.00 – 15.30	Session 4 “Diagnosis”	P. Büscher	
	15.30 – 16.00	Tea break		
	16.00 – 17.30	Session 5 “Characterization”	J. Enyaru	
		19.00	Conference dinner	
Wednesday, Dec. 01	09.00 – 10.30	Guest presentations	J. M. Ndung'u	
	10.30 – 11.00	Coffee break		
	11.00 – 12.30	Group discussions	J. M. Ndung'u	
	12.30 – 14.00	Lunch		
	14.00 – 15.30	Group discussions finalizing	J. M. Ndung'u	
			Reports & recommendations of discussion groups	
	15.30 – 16.00	Tea break		
	16.00 –		Reports & Recommendations of discussion groups	J. M. Ndung'u
			Final discussion and closure	

Chairman of EANETT:

Dr. Joseph M. Ndung'u (TRC/KARI, Kenya)

Secretary of EANETT:

Mr. Marcel Kaiser (STI, Switzerland)

Organisers of the 6th annual EANETT workshop

Dr. Intisar ElRayah (TMRI, Sudan)

Mr. Marcel Kaiser (STI, Switzerland)

Conference venue: Holiday Villa Hotel

Scientific Programme (detailed)

Monday November 29, 2004

Opening and Welcome (09.00-09.50)

Chair: I. El Rayah & J. M. Ndung'u

Dr. Intisar El Rayah, TMRI, local organizer
Dr. Joseph M. Ndung'u, EANETT chairman
Dr. Ahmed Babiker Mohammed, Director of TMRI
Prof. Ali A/Majiid, D.G. of the National Centre for Research
Prof. Elzubair B. Taha, H.E. the Minister of Science & Technology

Coffee break (09.50 – 10.20)

Session 1 “Public Healths & various“ (10.20 – 12.30)

Chair: C. Otim

Bukachi S., Wandibba S. and Nyamongo I.
THE SOCIO-ECONOMIC IMPACTS OF HUMAN AFRICAN
TRYPANOSOMIASIS AND THE COPING MECHANISMS INVOLVED IN
ITS CONTROL IN WESTERN KENYA

Julia Karuga and C. Wangula, J. Njenga, and Kennedy Wanjala
DISSEMINATION OF INFORMATION ON SLEEPING SICKNESS
THROUGH PRIMARY SCHOOL GOING CHILDREN AND THEIR
TEACHERS IN WESTERN KENYA

Okoth O. S., Kokwaro E., Kiragu J. M.
TRANSMISSION DYNAMICS AND EPIDEMIOLOGY OF RHODESIAN
SLEEPING SICKNESS IN THE ALLOPATRIC POPULATIONS OF
GLOSSINA PALLIDIPE IN KENYA

Johnson K. Kinyua, Edward K. Nguu, Francis Mulaa, F and Joseph M. Ndung'u
IMMUNIZATION OF RABBITS WITH *GLOSSINA PALLIDIPE* TSETSE
FLY MIDGUT PROTEINS: EFFECTS ON THE FLY AND TRYPANOSOME
TRANSMISSION

Okedi L. M. A., et al.
NARO-MAKERERE-ICRA PARTNERSHIPS IN UGANDA – TARGETTING
AGRICULTURAL RESEARCH AND DISSEMINATION PROCESS

Lunch (12.30 – 14.00)

Session 2a “Surveillance, Country Reports”

Chair: I. El Rayah

Alex Suwati
HAT: PASSIVE SURVEILLANCE IN MALAWI

Tag Elsir Khairy; Rahma Al Tigani; Ibtihal Elrashid; Intisar E. Elrayah; **Nabil Aziz Mikhail**
SUDAN NATIONAL SLEEPING SICKNESS PROGRAM, PROGRESS AND
FUTURE PROSPECT

Yassir O. Mohammed, Mohammed M. Mohammed; Intisar ElRayah
FACTORS CAUSING IMPACT ON THE SLEEPING SICKNESS
TRANSMISSION IN BAHR ELJABEL STATE, SOUTHERN SUDAN

G. Nkya
SLEEPING SICKNESS IN TANZANIA; EXISTING ISSUES AND
CHALLENGES

Tea break (15.30– 16.00)

Session 2b “Surveillance, Reservoir” (16.00 – 17.30)

Chair: K. El Malik

J.W. Magona, J. Walubengo & J.J. Odimim
PREVALENCE OF TRYPANOSOMOSIS IN DIFFERENT BREEDS OF
CATTLE UNDER VARIOUS GRAZING SYSTEMS IN SELECTED
DISTRICTS OF EASTERN UGANDA AND ITS IMPLICATIONS

Mohamed T. Azrag, Khitma H. Elmalik, Yassir O. Mohamed , Intisar E.
Elrayah
THE ROLE OF CATTLE AS RESERVOIR HOST FOR SLEEPING SICKNESS
IN BAHR ELJABEL STATE, SOUTHERN SUDAN

Msangi A. R., Kiimbisa B. L, and Ringi D. T.
PREVALENCE OF TRYPANOSOMIASIS IN LIVESTOCK IN THE
HANANG SLEEPING SICKNESS FOCI IN NORTH EASTERN TANZANIA

Lucas Matemba
PREVALENCE OF HUMAN AFRICAN TRYPANOSOMIASIS IN AND
AROUND REFUGEE CAMPS IN KASULU DISTRICT

Tuesday November 30, 2004

Session 3 “Tsetse” (09.00 – 10.30)

Chair: A. Msangi

Malele I., Dismas C., **Mayala B.** , Matemba L., Kimaro E., Msumary C., Sahani
K., **Swilla J.** & Sanga U.

INVESTIGATION ON THE RESURGENCE OF HUMAN
TRYPANOSOMIASIS IN URAMBO DISTRICT;

PART A: ENTOMOLOGY

PART B: PARASITOLOGY

PART C: GIS

Okedi L. M. A., C. Ssekito and A. Okello
GLOSSINA F. FUSCIPES AND *G. PALLIDIPES* DYNAMICS AND
DISTRIBUTION BELT IN SE UGANDA.

Mohammed M. Musa, Yasir O. Mohammed, Khitma H. El Malik, Intisar
ElRayah
RESPONSES OF *GLOSSINA FUSCIPES FUSCIPES* TO TRAPS IN JUBA,
SOUTHERN SUDAN.

Coffee break (10.30 – 11.00)

Session 4 “*T. gambiense* Animal Model” (11.00 – 12.30)

Chair: R. Brun

J.K. Thuita, J.M. Ngotho, J.M. Kagira, D. Mwangangi, and J.M. Ndung’u
SURAMIN CHEMOTHERAPY IN EARLY CENTRAL NERVOUS SYSTEM
TRYPANOSOME INFECTIONS IN VERVET MONKEYS

Mwangangi D.M., Kagira J.M., Thuita J.K., Ngotho J.M and Ndung’u J.M.
CSF CYTOLOGY AND ORGAN PATHOLOGY OF *TRYPANOSOMA BRUCEI*
GAMBIENSE INFECTED VERVET MONKEYS.

J. Maina Ngotho, John Kagira, Idle Farah and Jann Hau
THE DIAGNOSTIC VALUE OF CSF CYTOLOGY IN THE VERVET
MONKEY MODEL OF HUMAN AFRICAN TRYPANOSOMOSIS (HAT)

Akol M., Matovu E., Sebikali C., Nerima B., Enyaru J. and Otim C. P.
ADAPTATION OF *T. B. GAMBIENSE* ISOLATES FROM SLEEPING
SICKNESS PATIENTS IN *MASTOMYS* AND IMMUNOSUPPRESSED MICE

Lunch (12.30 – 14.00)

Session 5 “Diagnosis” (14.00 – 15.30)

Chair: P. Büscher

P. Büscher, V. Lejon, S. Deborggraeve, F. Claes, D. Mumba, Z. Mossoko, P.
Pyana
NEWS FROM THE DIAGNOSTIC FRONT

Gregory W. Dumo, Ahmed, E.S. and Intisar E. Elrayah
ESTABLISHMENT OF A DIAGNOSTIC STRATEGY FOR SURVEILLANCE
OF HAT: IN AN AREA OF LOW ENDEMICITY

Enyaru J.C.K., Matovu E., Nerima B., Akol M. and Sebikali C.
DETECTION OF *T.B.RHODESIENSE* TRYPANOSOMES IN HUMANS AND
DOMESTIC ANIMALS IN SOUTH EAST UGANDA BY AMPLIFICATION
OF THE SERUM RESISTANCE ASSOCIATED GENE

Enyaru J.C.K., Balyeidhusa A., Matovu E., Nerima B., Akol M. and Sebikali C.
EVALUATION OF TGSGP-PCR FOR THE DETECTION OF
T.B.GAMBIENSE TRYPANOSOMES IN DOMESTIC ANIMALS IN NORTH
WEST UGANDA

Tea break (15.30– 16.00)

Session 6 “Characterization” (16.00 – 17.30)

Chair: J. Enyaru

Kagira J.M. and Maina N.
THE SENSITIVITY AND PATHOGENICITY OF MELARSOPROL
RESISTANT *TRYPANOSOMA BRUCEI RHODESIENSE* ISOLATED FROM
SLEEPING SICKNESS PATIENTS

Naomi Maina, Pascal Maser, Michael Oberle, Joseph M. Ndung'u and Reto Brun
MOLECULAR CHARACTERIZATION OF *T. B. GAMBIENSE* ISOLATED FROM HAT PATIENTS IN SOUTHERN SUDAN

S.N. Kibona, L. Matemba, J.S Kaboya and G. W. Lubega
DRUG RESISTANT *TRYPANOSOMA B. RHODESIENSE* ISOLATES FROM TANZANIA

Matovu E., Nerima B., Enyaru J., Akol M., Sebikali C. and Otim C. P.
THE PREVALENCE OF MUTANT P2 ADENOSINE TRANSPORTER IN *T. B. GAMBIENSE* ISOLATES FROM MOYO DISTRICT, NORTHWEST UGANDA

Nerima B., Matovu E., Enyaru J.C.K.
DETECTION OF MUTANT ADENOSINE TRANSPORTER (TBAT1) GENE IN *T. B. GAMBIENSE* ISOLATES FROM NORTHWEST UGANDA USING ALLELE-SPECIFIC PCR

Wednesday December 01, 2004

Session 7 "Guest Presentations" (09.00 –)

Chair: J. M. Ndung'u

Serap Aksoy
NEW APPROACHES FOR TSETSE-BASED TRYPANOSOMIASIS CONTROL

Adriana Tami, et al
INNOVATIVE KNOWLEDGE AND TECHNOLOGIES TO SUPPORT PUBLIC HEALTH DECISION-MAKING AND IMPROVE CONTROL OF HUMAN AFRICAN TRYPANOSOMIASIS

Coffee break (–)

Group discussions

Lunch (12.30 – 14.00)

Chair: J. M. Ndung'u

**Group discussions, finalizing
Reports & recommendations of discussion groups**

Tea break (15.30 – 16.00)

**Reports & recommendations of discussion groups
Final discussion and closure**