

1st International Conference on
Non Tsetse Transmitted Animal Trypanosomosis
OIE NTTAT Network

Thursday 15 December 2016

8 h 30 Registration of participants

9 h 00 **WELCOMING** by Philippe BÜSCHER

Session 1: General Session

9 h 20 **T1** - Activities of the World Organisation for Animal Health (OIE) in support of the surveillance and control of non-tsetse transmitted animal trypanosomosis
Morgane DOMINGUEZ - OIE, France

9 h 40 **T2** - Overview of research activities on NTTAT at OIE Reference Laboratory in Antwerp
Philippe BÜSCHER - Institute of Tropical Medicine, Belgium

10 h 00 **T3** - Overview and Research Activities on *Trypanosoma evansi* in Indonesia
April H WARDHANA - Indonesian Research Center for Veterinary Science, Indonesia

Session 2: Vaccination

10 h 20 **T4** - The application of irradiation technology as a tool for vaccine development in *Trypanosoma evansi*
Richard T. KANGETHE - FAO/IAEA Agriculture and & Biotechnology Laboratory, Austria

10 h 40 Coffee break

Session 3: Isolation and Genetic Characterisation

11 h 00 **T5** - Isolation, cultivation and molecular characterisation of a new *Trypanosoma equiperdum* strain in Mongolia
Ikuro IGARASHI - Obihiro University of Agriculture and Veterinary Medicine, Japan

11 h 20 **T6** - Phylogenetic analysis of the *Trypanosoma equiperdum* strain responsible for the 2011 outbreak of dourine in Italy
Achim SCHNAUFER - University of Edinburgh, United Kingdom / Ilaria Pascucci - IZS, Italy

11 h 40 **T7** - *Trypanosoma equiperdum*: genome sequencing and failure of melarsomine hydrochloride (Cymelarsan®) treatment in experimentally infected ponies
Laurent HÉBERT - Anses, France

12 h 00 Lunch

Session 4: Treatment

14 h 00 **T8** - *In vitro* and *in vivo* efficacy of diamidines against *Trypanosoma equiperdum* strains
Kirsten GILLINGWATER - Swiss Tropical and Public Health Institute, Switzerland

14 h 20 **T9** - Isometamidium chloride and homidium chloride fail to cure mice infected with *Trypanosoma evansi* type A and B isolated in Northern Ethiopia
Birhanu HADUSH - College of Veterinary Medicine, Ethiopia

Session 5: Epidemiology

14 h 40 **T10** - A survey of trypanosomosis in sheep and goats from Cholistan Desert, Pakistan
Sonia TEHSEEN / Philippe BÜSCHER - Government College University, Pakistan

15 h 00 **T11** - Epidemiology of dourine in Mongolia and introducing diagnostics in the field
Sandagdorj NARANTSATSRAL - Institute of Veterinary Medicine, Mongolia

15 h 20 Coffee break

15 h 40 **T12** - History of a surra outbreak and treatment evaluations in horses in Thailand
Margot CAMOIN - CIRAD, France

16 h 00 **T13** - *Trypanosoma evansi* outbreaks in Spain: 2015-2016 follow-up
Carlos GUTIERREZ - University of Las Palmas de Gran Canaria, Spain

16 h 20 **T14** - Conclusions of an episode of surra in dromedary camels in Aveyron (France, 2006-2007/2013)
Sophie THÉVENON - CIRAD, France

16 h 40 **T15** - A review on camel trypanosomosis due to *Trypanosoma evansi* in Mauritania
Mamadou Lamine DIA / Philippe BÜSCHER - CNERV, Mauritanie

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Session 6: Pathology

9 h 00

T16 - Clinical and pathological aspects of dourine in Mongolia and therapeutic interventions
Banzragch BATTUR - Mongolian University of Life Science, Mongolia

9 h 20

T17 - Comparative clinico-pathological observations in young Zebu (*Bos indicus*) cattle experimentally infected with *Trypanosoma vivax* isolates from tsetse infested and non-tsetse areas of Northwest Ethiopia
Shimelis DAGNACHEW - Faculty of Veterinary Medicine, Ethiopia

9 h 40

T18 - Cytokine responses during *Trypanosoma evansi* infections of high and low virulence isolates from Indonesia in DDY mice
Dyah Haryuningtyas SAWITRI - Research Centre for Veterinary Science, Indonesia

10 h 00

Coffee break

Session 7: Diagnosis

10 h 30

T19 - Recombinant antigens in serological testing for *Trypanosoma evansi* infection
Barrie ROONEY - University of Kent, United Kingdom

10 h 50

T20 - Multiplex detection of antibodies to *Trypanosoma evansi* and sequence analysis of a type B strain
Neil WATT - MV Diagnostics Ltd, United Kingdom

11 h 10

T21 - Development of a rapid antibody test for point-of-care diagnosis of animal African trypanosomosis
Théo BALTZ - CNRS, Université de Bordeaux, France

Session 8: Atypical human infections

11 h 30

T22 - Updated results on atypical human trypanosomoses caused by animal trypanosomes
Philippe TRUC - IRD, France

11 h 50

T23 - Atypical human infections by animal trypanosomes: evaluation of trypanocides against *T. lewisi* in laboratory rats
Marc DESQUESNES - CIRAD, Thailand

12 h 10

Lunch

14 h 00

General discussion on OIE NTTAT Network

16 h 00

Closing of the conference



WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future

