



Trypanosomatids: models for biology, targets for elimination

INDOTRIT Symposium, Institute of Tropical Medicine, Antwerp 2018
A collaboration between India (IICB, CSIR and RMRI) and Belgium (ITM, ULB, VUB)

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22TH OF MAY, ITM, ANTWERP (AULA NATIONALESTRAAT)	
8:45	Registration and welcome
SESSION 1: LEISHMANIASIS, FROM FIELD TO THE LAB	
9:00	Prof. dr. Jean-Claude Dujardin, ITM Opening & INDOTRIT Project
9:05	Prof. dr. Poonam Salotra, ICMR, Delhi Detection & Treatment of PKDL- a pre-requisite for sustaining VL elimination
9:50	Dr. Malgorzata Domagalska, ITM Direct sequencing of <i>Leishmania</i> genomes in clinical samples
10:10	Dr. Gert Van der Auwera, ITM Playing hide and seek: the challenging task of finding subclinical <i>Leishmania</i> infections
10:30	Coffee Break: De Foyer
SESSION 2: EPIDEMIOLOGY OF <i>LEISHMANIA DONOVANI</i> IN NEPAL AND INDIA	
11:00	Prof. dr. Pradeep Das, RMRI, Patna Kala-azar elimination from the highly endemic district of Bihar: a success story
11:45	Prof. dr. Marleen Boelaert, ITM Progress towards VL elimination in Nepal. What are the implications of the recent outbreaks in the hills?
12:30	Lunch for participants: De Foyer

SESSION 3: DRUG RESISTANCE	
13:30	Prof. dr. Jean-Claude Dujardin, ITM Treatment failure and drug resistance in <i>Leishmania donovani</i> : the importance of molecular heritage
14:00	Prof. dr. Syamal Roy, NIPER, Kolkata Imipramine overcomes antimony resistance by Epigenetic modification
14:45	Aya Hefnawy, ITM Application of <i>Leishmania</i> drug resistance studies in the drug R&D pipeline
15:00	Prof. dr. Guy Caljon, UAntwerp Treatment and resistance: the case of VL and miltefosine studied by bioluminescence imaging
15:30	Coffee Break: De Foyer
SESSION 4: MOLECULAR BIOLOGY AND EVOLUTION	
16:00	Prof. dr. Joachim Clos, BNITM, Hamburg The Phosphoprotein HSP90 and Its Role in the <i>Leishmania donovani</i> Life Cycle
16:45	Prof. dr. David Pérez-Morga, ULB Human African Trypanosomiasis evolution and Cell Death in <i>Trypanosoma brucei brucei</i>
17:30	Dr. Frederik van den Broeck, ITM Population genomics of New World Leishmaniasis along and across the Peruvian Andes
17:50	End

23TH OF MAY, ITM, ANTWERP (AULA NATIONALESTRAAT)	
8:45	Registration and welcome
SESSION 5: HOST-PARASITE INTERACTION	
9:00	Prof. dr. Suvendra Bhattacharyya, IICB Balancing of miRNA activity during <i>Leishmania</i> infection of macropahge'
9:45	Prof. dr. Carl de Trez, VUB STAT6 mediates footpad immunopathology in the absence of IL-12p40 following infection of susceptible BALB/c mice with <i>Leishmania major</i>
10:20	Dr. Wim Adriaensen, ITM Transcriptional changes in host immunity during treatment in VL-HIV patients: towards alternative test of cure
10:50	Coffee Break: De Foyer
SESSION 6: THE EMERGING THREAT OF VETERINARY TRYPANOSOMATIDS	
11:20	Prof. dr. Philippe Buscher, ITM <i>Trypanosoma evansi</i> (surra): a neglected veterinary health problem in India
11:50	Dr. Anaïs Brasseur, ITM Drug resistance in <i>T. congolense</i>
12:10	Dr. Epke Le Rutte, ITM Could animals play a role in the transmission dynamics of <i>L. donovani</i> in India?
12:30	Lunch for participants: De Foyer
14:00	Movement to University of Antwerp City Campus
PHD DEFENSE BART CUYPERS (UNIVERSITY OF ANTWERP)	
16:00	A systems biology approach for a comprehensive understanding of molecular adaptation in <i>Leishmania donovani</i> University of Antwerp – Grauwzusters Campus, Promotiezaal