



Auditoire Brachet
Rue des Profs. Jeener et Brachet 12, 6041 Gosselies

PAI 7/41 – 31 May 2016

Tolerance and resistance to parasite infection: trypanosomatidae as paradigm (TRIT)

10:00	Etienne Pays (ULB) Introduction to WP1 How do parasites adapt to immune and drug pressure in their host?
10:10	Jan Van Den Abbeele (ITG1): Introduction to WP2 How do parasite- and vector- derived molecules modulate the (patho)physiology of the host?
10:20	Alain Beschin (VUB); Introduction to WP3 Which mechanisms control host tissue pathogenicity during parasite infection?
10:30 – 11:00	Franck Dumetz (ITG-2) Leishmania donovani from the Indian sub-continent are pre-adapted to antimonials
11:00 – 11:30	Carl de Trez (VUB) Sequential production of IL-10 by NK and T cells protect host from fatal type 1 pro-inflammatory cytokine storm during African trypanosomosis.
11:30 – 12:00	Laurence Lecordier (ULB) Adaptation of Trypanosoma rhodesiense to hypohaptoglobinaemic serum requires transcription of the APOL1 resistance gene in a RNA polymerase I locus.
12:00 – 13:00	Lunch Break
13:00 – 13:30	Jan Van Den Abbeele (ITG1) T.brucei early development in the mammalian host dermis after natural transmission by a tsetse fly bite
13:30 – 14:00	Guy Caljon (UA) Immunological factors influencing infection and treatment outcome: collaborative research on Leishmania and Trypanosoma
14:00 – 14:30	Kiavash Movahedi (VUB) Neural-immune interactions of microglia and brain macrophages in health and disease
14:30 – 15:00	Coffee break
15:00 – 17:00	Strategic discussions on collaborative work and future program planning.