

Graduate Schools
Infection Immunity and Cancer, UniGe & UniL: CUS
Biology & Medicine, CMU

Seminars in Microbiology

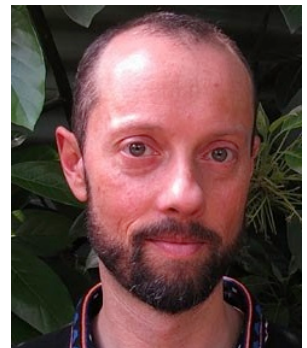
Monday, October 13, 2014

Salle de séminaire 7172, CMU

11:30 – 12:30

Dr. Ross WALLER

Department of Biochemistry, University of Cambridge



Evolution and devolution in Alveolates: parasite invasion, organelle loss and chromatin reinvention

Recent publications:

The apical complex provides a regulated gateway for secretion of invasion factors in *Toxoplasma*.

Katris NJ, van Dooren GG, McMillan PJ, Hanssen E, Tilley L, **Waller RF**. *PLoS Pathog.* 2014 Apr 17;10(4):e1004074.

A widespread and unusual RNA trans-splicing type in dinoflagellate mitochondria.

Jackson CJ, **Waller RF**. *PLoS One.* 2013;8(2):e56777.

A tertiary plastid gains RNA editing in its new host.

Jackson CJ, Gornik SG, **Waller RF**. *Mol Biol Evol.* 2013 Apr;30(4):788-92.

Loss of nucleosomal DNA condensation coincides with appearance of a novel nuclear protein in dinoflagellates.

Gornik SG, Ford KL, Mulhern TD, Bacic A, McFadden GI, **Waller RF**. *Curr Biol.* 2012 Dec 18;22(24):2303-12.

Contact: D. Soldati-Favre

Sandwiches will be offered after the seminar