

Mitochondrial protein import in parasitic protists

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Lecture is organised in frame of MODBIOLIN project (FP7, GA 316304).



You're welcome!



Mitochondrial protein import has been extensively studied in baker's yeast and so-called higher eukaryotes. The identified pathways and protein import machineries were long considered to be evolutionary conserved. However, recent comparisons of a variety of parasitic protists revealed significant differences among major eukaryotic lineages regarding the composition and mechanisms of their mitochondrial protein import machineries. The aim of the talk is to summarize and highlight such differences as well as common principles, and to emphasize the implications and fundamental questions that arise from the recent advances in the field.