



Seminar

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YEAST MODEL TO STUDY MITOCHONDRIAL FUNCTION

Saccharomyces cerevisiae has played an important role as a model system to understand the biochemistry and molecular biology of mammalian cells. The genetic tools available have also made *S. cerevisiae* a powerful system to identify the relationship between genes and functions. In all eukaryotes a large number of biochemical reactions occur in mitochondria that make the organelles indispensable for life, however yeast can survive without a functional mitochondrial respiratory chain, provided that a fermentable carbon source is made available. The ability to analyze petite mutants has made yeast an attractive experimental system for isolation and characterization of nuclear-gene products required for mitochondrial function.

Room 6302 – Palazzo della ricerca e della conoscenza
17th May, 10 am