
My Cool L^AT_EXThesis

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Masters Thesis
for the Faculty of Biology
at Ludwig-Maximilians-Universität
München

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München, den Abgabedatum

Erstgutachter: Enter first supervisor's name here

Zweitgutachter: Your second supervisor's name comes here

Tag der mündlichen Prüfung: 26th November, 2049.. trust me.. just write the date of your deadline here.

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Abstract

Don't forget, you need two summaries, one in German, and one in English.

Zusammenfassung

Wir können deutsche jetzt.

Section 1

Introduction

Mitochondria is a membrane bound cell organelle in eukaryotes which appear to be fundamental to all eukaryotes. They are involved in various metabolic processes of a cell, like the citric acid cycle, creating lipids such as cardiolipin, making essential protein cofactors of proteins like Fe-S clusters, they are the site of cellular respiration and the electron transport chain that generate ATP. The name 'Mitochondrion' is termed from 'mito' and 'chondrion' which translate to 'beads' and 'strings' an analogy made to describe their shape within cells. Mitochondria are very dynamic organelles, constantly fragmenting and fusing in a network through the cell, even transporting to far ends of neurons, along the cytoskeleton.

For its diverse role within the eukaryotic cell, its history is rooted in the kingdom prokaryota. It is considered to once have been an independent organism. Proof of the endosymbiotic theory of mitochondrial origin finally came into existence with the evidence of Mitochondria hosting its own DNA⁽¹⁾.

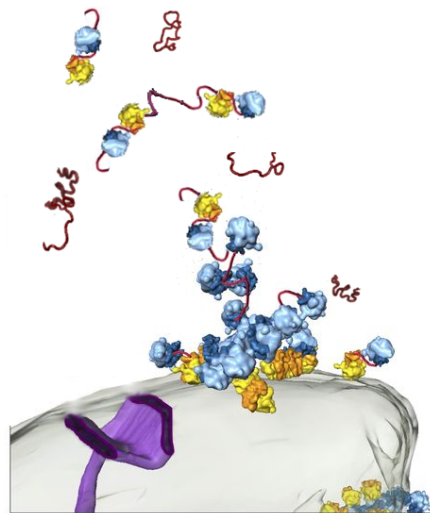


Figure 1.1: Selectively translated mRNA by heterogenous ribosomes

Some tips on how to use L^AT_EX are here below: A cool experiment i tried is here (Sec:4.0.1), you should check it out.

sometimes it helps to make spaces...

The last page has a cool image I made using MS Paint: (Fig:1.1).

Accents and shit: Can you pronounce these?:

ä ê ì Ì ø ú å ç ğ ħ ñ ò ã ß

Check out this [*link*](#) for how to write greek letters. And this [*link*](#) about basic text formatting.

Section 2

Results

I have no results for my thesis just yet, but hold on..

Section 3

Discussion

Let's discuss my thesis...

How much do you like it?

Section 4

Materials and Methods

I used may have used some materials, but i used a lot of methods like..

4.0.1 Transformation of *S.cerevisiae* and selection

After an intense workout.. the α Yeast found out that it could really get 6 bud abs..
This Yeast was the hottie of the a strain

Appendix A

Supplementary Figures

Maybe I can show all the sequences here

Appendix B

Genomes

Should i be including the genomes of my organisms?

Bibliography

- [1] Segev, N. and Gerst, J. E. (2018). Specialized ribosomes and specific ribosomal protein paralogs control translation of mitochondrial proteins. *J. Cell Biol.*, 217(1):117–126.

Acknowledgments

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Erklärung zur Bachelorarbeit/Masterarbeit

Hiermit versichere ich, dass die vorliegende Arbeit von mir selbstständig verfasst wurde und dass keine anderen als die angegebenen Quellen und Hilfsmittel benutzt wurden.

Diese Erklärung erstreckt sich auch auf in der Arbeit enthaltene Graphiken, Zeichnungen, Kartenskizzen und bildliche Darstellungen.

Bachelor's/Master's thesis statement of originality

I hereby confirm that I have written the accompanying thesis by myself, without contributions from any sources other than those cited in the text and acknowledgements.

This applies also to all graphics, drawings, maps and images included in the thesis.

.....
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Unterschrift
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