Insert summary here Résumé de ma thèse en français !!!

Write your "Thank You"s here!

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# Introduction

## First topic

This is how you insert figures using markdown. Also how to insert citations copied over from your bibliography manager (I specifically used Pandoc Citations in Papers).

Interphase and the different stages of mitosis. Figure from Walczak et al., 2010(**???**).

See Figure for a schematic illustration.

You need to insert empty lines at the end of each section.....

test encore

The *Gamma function* satisfying $\Gamma(n) = (n-1)!\quad\forall n\in\mathbb N$ is via through the Euler integral

## Second topic

I split up my introduction sections into different files as they were quite long. This way, I could focus on each section's topic.

# The Paper

**Chia Huei Tan**1,2 and Patrick Meraldi1,2

1 Institute of Biochemistry, ETH Zurich, CH-8093 Zurich, Switzerland 2 Department of Physiology and Metabolism, Medical Faculty, University of Geneva, CH-1211 Geneva 4, Switzerland

The project was initiated, conceived, and directed by P.M. The majority of experiments and data analysis were carried out by **C.H.T.**. Data interpretation was carried out by **C.H.T.** and P.M with contribution of the other authors. P.M wrote the manuscript with contributions from **C.H.T.**

## Abstract

write your abstract here. LaTeX commands can be used like above to start a new page

## Introduction

Introduction goes here

## Results

### First result

you can insert nice tables with footnotes using the package *threeparttable*. Use LaTeX language for symbols like % and .

### Second result

I had to insert figures that took up the entire page (like in journal publications), but wanted figure legends to always be on the page facing the figure. For this I used the package *fltpage*. Sadly, development of this package has stopped and it still doesn't work really perfectly. But it worked well enough for me. One bug I ran into was that if you specify the option twoside in your documentclass, fltpage might fail. As I was already using the documentclass **book**, two side is by default, and I did not have to specify it further. Since you are using LaTeX code here, you might need to use LaTeX language for symbols like % and .

### Third result

In case you do call an FPfigure earlier, you will not be able to use markdown's standard figure insert method further down, but need to use LaTeX.

## Discussion

Write your discussion here.

## Methods

### Cell culture, siRNA and drug treatments

### Immunofluorescence

### Live-cell imaging

### Statistical Methods

## Acknowledgements

vfill command will ensure that if your text is too short and doesn't fill up the entire page, it won't get spread out till the bottom.

In case you want to have separate references, as in my case, I copied over the text from my submitted manuscript and i did not want to rewrite all the citations!

## References

# Second chapter

## More results

Add your second chapter here

some statement (Bechstedt et al., 2014). statement with multiple citations (Bechstedt et al., 2014; Gay et al., 2012)

# General Discussion

Write your awesome discussion here! test

**salut** dsqdqs

# Appendix topics

Here I added some descriptions about the MATLAB codes I wrote during my PhD.

# References

Bechstedt, S., Lu, K., and Brouhard, G.J. (2014). Doublecortin Recognizes the Longitudinal Curvature of the Microtubule End and Lattice.Current Biology*24*, 2366–2375.

Gay, G., Courtheoux, T., Reyes, C., Tournier, S., and Gachet, Y. (2012). A stochastic model of kinetochore-microtubule attachment accurately describes fission yeast chromosome segregation.Journal of Cell Biology*196*, 757–774.