New paper template - title here

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1 Abstract

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

text in bold *italic* underline

2 Introduction

You can add references either by referring to their id in the .bib file e.g., (Marinković et al., 2019), or by switching to the visual editor (Cogwheel in the .Rmd menu -> Use Visual Editor). The awesome paper

by (Jokura et al., 2019).

In the visual editor mode, go to ‘Insert’ -> @ Citation

You can select a Zotero library, PubMed, CrossRef etc. and insert the citations.

The easiest way is to use the command line:

```
curl -LH "Accept: application/x-bibtex" https://doi.org/10.7554/eLife.91258.1 >> referenc
```

Platynereis dumerilii is a marine annelid… (Ozpolat et al., 2021)

The references are stored in manuscript/references.bib (need to be defined in the Yaml header). This file will automatically updated when you insert a new reference through the Visual editor > Insert > Citations.

In this documents, references will be formatted in the style of eLife. This is defined in the Yaml header under: csl: elife.csl. The elife.csl file is saved in the /manuscript folder.

If you would like to use a different citation format, download the respective .csl file (e.g., from the Zotero style repository https://www.zotero.org/styles), save it in the /manuscript folder of the project and change the Yaml to csl: your_favourite_journal.csl.

3 Results

Inserting Figures

You can add your figures into the rendered document. We saved the figures into /manuscript/figures or /manuscript/figure_supplements and can insert them from there. We use knitr::include_graphics for this. The title and legend can also be edited, as will as the width of the output figure.

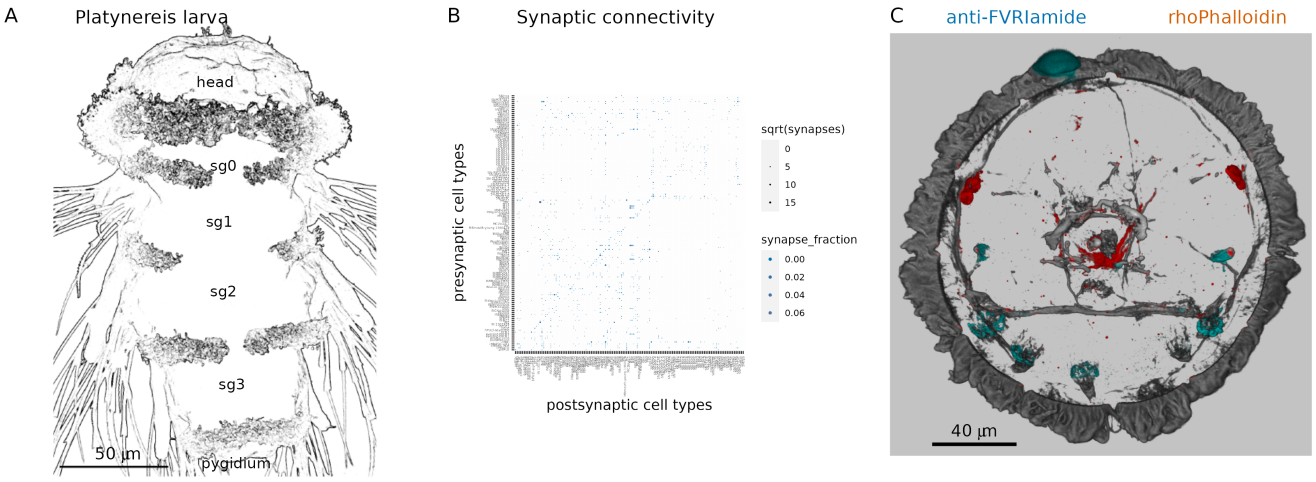

Figure 1: **Figure 1. Title fig 1** (A) legend (B) legend.

4 Equations

Equations can also be inserted, Insert -> Display Math:

$$\bar{X} = \frac{\sum_{i=1}^{n} x_i}{n}$$

5 Sourcing code and working with variable

The 'analysis/scripts/statistics_for_paper.R' script is sourced and it runs but the output is not included in the knitted output. But we can access the variables defined in the sourced script simply by adding ' r var_name ' between ' backticks, in this case max_PRC value is (now this number comes from our sourced script).

If we update the data, the script can recalculate the variable we want to refer to in the text and update the number.

6 Materials and Methods

7 Acknowledgements

We would like to thank the Jekely lab for the R project template (https://github.com/JekelyLab/new_paper_template) we used to write this paper. This work was funded by …

References

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Marinković M, Berger J, Jékely G. 2019. Neuronal coordination of motile cilia in locomotion and feeding. *Philosophical Transactions of the Royal Society B: Biological Sciences* **375**:20190165. doi:10.1098/rstb.2019.0165

Ozpolat BD, Randel N, Williams EA, Bezares-Calderón LA, Andreatta G, Balavoine G, Bertucci PY, Ferrier DEK, Gambi MC, Gazave E, Handberg-Thorsager M, Hardege J, Hird C, Hsieh Y-W, Hui J, Mutemi KN, Schneider SQ, Simakov O, Vergara HM, Vervoort M, Jékely G, Tessmar-Raible K, Raible F, Arendt D. 2021. The Nereid on the rise: Platynereis as a model system. *Zenodo*. doi:10.5281/ZENODO.4907400