

# PhD Diary February 11th 2019

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# 1 TODO Tasks [1/6]

## 1.1 TODO Follow up on sensitivity analysis

## 1.2 TODO Network based diffusion

- There's a python library for just this!

## 1.3 TODO Investigate reaction-based diffusion

## 1.4 TODO Give talk on wheat domestication paper

## 1.5 DONE Do florescence screening of plants with Jeroen

## 1.6 TODO Using the ABA paper [2] compare diffusive properties of moss

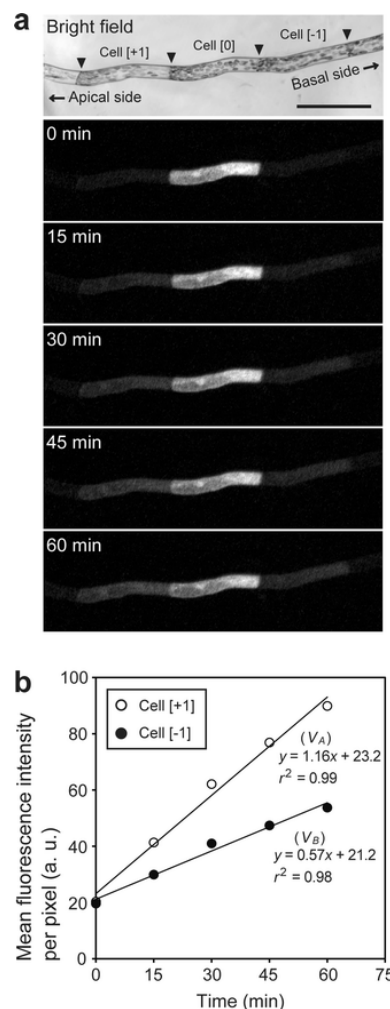


Figure 1: Moss Imaging Example to compare data to, from [1]

## References

- [1] Munenori Kitagawa and Tomomichi Fujita. Quantitative imaging of directional transport through plasmodesmata in moss protonemata via single-cell photoconversion of Dendra2. *Journal of Plant Research*, 126(4): 577–585, July 2013. ISSN 1618-0860. doi: 10.1007/s10265-013-0547-5.

- [2] Munenori Kitagawa, Takumi Tomoi, Tomoki Fukushima, Yoichi Sakata, Mayuko Sato, Kiminori Toyooka, Tomomichi Fujita, and Hitoshi Sakakibara. Absciscic Acid Acts as a Regulator of Molecular Trafficking through Plasmodesmata in the Moss *Physcomitrella patens*/i. *Plant and Cell Physiology*, December 2018. ISSN 0032-0781. doi: 10.1093/pcp/pcy249.