

PhD Diary Week Beginning 3rd December

Nathan Hughes

December 3, 2018

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1	Papers to read [0%]	3
1.1	TODO Read Regine Kahmann's Papers [0%]	3
1.1.1	TODO Ustilago maydis effectors and their impact on virulence (Lanver et al., 2017) . .	3
1.1.2	TODO How filamentous plant pathogen effectors are translocated to host cells (Lo Presti and Kahmann, 2017)	3
1.1.3	TODO A secreted Ustilago maydis effector promotes virulence by targeting anthocyanin biosynthesis in maize (Tanaka et al., 2014)	3
1.2	TODO Intercellular and systemic trafficking of RNAs (Liu and Chen, 2018)	3

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References

- Daniel Lanver, Marie Tollot, Gabriel Schweizer, Libera Lo Presti, Stefanie Reissmann, Lay-Sun Ma, Mariana Schuster, Shigeyuki Tanaka, Liang Liang, Nicole Ludwig, and Regine Kahmann. Ustilago maydis effectors and their impact on virulence. *Nature Reviews. Microbiology*, 15(7):409–421, July 2017. ISSN 1740-1534. doi: 10.1038/nrmicro.2017.33.
- Lin Liu and Xuemei Chen. Intercellular and systemic trafficking of RNAs in plants. *Nature Plants*, 4(11):869, November 2018. ISSN 2055-0278. doi: 10.1038/s41477-018-0288-5. 00000.
- Libera Lo Presti and Regine Kahmann. How filamentous plant pathogen effectors are translocated to host cells. *Current Opinion in Plant Biology*, 38:19–24, August 2017. ISSN 1879-0356. doi: 10.1016/j.pbi.2017.04.005.
- Shigeyuki Tanaka, Thomas Brefort, Nina Neidig, Armin Djamei, Jörg Kahnt, Wilfred Vermerris, Stefanie Koenig, Kirstin Feussner, Ivo Feussner, and Regine Kahmann. A secreted Ustilago maydis effector promotes virulence by targeting anthocyanin biosynthesis in maize. *eLife*, 3:e01355, January 2014. ISSN 2050-084X. doi: 10.7554/eLife.01355.