



Macy Vollbrecht

Ph.D. Student in Biology, admitted Autumn 2021

Publications

PUBLICATIONS

- **Multi-scale dynamics influence the division potential of stomatal lineage ground cells in Arabidopsis.** *Nature communications*
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- **bHLH transcription factors cooperate with chromatin remodelers to regulate cell fate decisions during Arabidopsis stomatal development.** *PLoS biology*
Liu, A., Mair, A., Matos, J. L., Vollbrecht, M., Xu, S. L., Bergmann, D. C.
2024; 22 (8): e3002770
- **Cell Fate Programming by Transcription Factors and Epigenetic Machinery in Stomatal Development.** *bioRxiv : the preprint server for biology*
Liu, A., Mair, A., Matos, J. L., Vollbrecht, M., Xu, S., Bergmann, D. C.
2023
- **Parity-induced changes to mammary epithelial cells control NKT cell expansion and mammary oncogenesis.** *Cell reports*
Hanasoge Somasundara, A. V., Moss, M. A., Feigman, M. J., Chen, C., Cyrill, S. L., Ciccone, M. F., Trousdell, M. C., Vollbrecht, M., Li, S., Kendall, J., Beyaz, S., Wilkinson, J. E., Dos Santos, et al
2021; 37 (10): 110099
- **Fast-TrACC: A Rapid Method for Delivering and Testing Gene Editing Reagents in Somatic Plant Cells.** *Frontiers in genome editing*
Nasti, R. A., Zinselmeier, M. H., Vollbrecht, M., Maher, M. F., Voytas, D. F.
2021; 2
- **Plant gene editing through de novo induction of meristems.** *Nature biotechnology*
Maher, M. F., Nasti, R. A., Vollbrecht, M., Starker, C. G., Clark, M. D., Voytas, D. F.
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