Stanford

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Ph.D. Student in Biology, admitted Autumn 2019

Publications

PUBLICATIONS

- **Persistent trade-offs balance competition and colonization across centuries.** *bioRxiv : the preprint server for biology*
  Backman, T., Cui, J., Caullireau, E., Bleak, E., Bezrukov, I., Girardi, P., Hawks, A., Lasky, J. R., Latorre, S. M., Erberich, J. M., Lopez, L., Neumann, M., Perkins, et al
  2025

- **SPEECHLESS duplication in grasses expands potential for environmental regulation of stomatal development.** *The New phytologist*
  Erberich, J. M., Bennett, B., Bergmann, D. C.
  2025

- **Multi-scale dynamics influence the division potential of stomatal lineage ground cells in Arabidopsis.** *Nature communications*
  Fung, H. F., Amador, G. O., Dale, R., Gong, Y., Vollbrecht, M., Erberich, J. M., Mair, A., Bergmann, D. C.
  2025; 16 (1): 2612

- **Century-long timelines of herbarium genomes predict plant stomatal response to climate change.** *Nature ecology & evolution*
  Lang, P. L., Erberich, J. M., Lopez, L., Weiß, C. L., Amador, G., Fung, H. F., Latorre, S. M., Lasky, J. R., Burbano, H. A., Expósito-Alonso, M., Bergmann, D. C.
  2024

- **Targeting editing of tomatoSPEECHLESScis-regulatory regions generates plants with altered stomatal density in response to changing climate conditions.** *bioRxiv : the preprint server for biology*
  Nir, I., Budrys, A., Smoot, N. K., Erberich, J., Bergmann, D. C.
  2023