

## Current Preprints

Xhelilaj K, von Arx M, Biermann D, Paranov A, Faiss N, Monte I, Pireddu P, Klingelhuber F, Zipfel C, Timmerman M, Oecking C and Gronnier J (2026) An ancient alkalization factor informs Arabidopsis root development. Nature Plants, under review.

Originally posted on bioRxiv: <https://doi.org/10.64898/2025.12.22.695669>

Creff A\*, Rhodes J\*, Salaün C, Larive J, Bayle V, Turley E, Nobori T, Figueiredo DD, Landrein B, Zipfel C# and Ingram G# (2026) An embryo-derived peptide signal directs endosperm polarity in Arabidopsis. Science, under revision. \*Equal contributions. #co-corresponding authors

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Jiménez-Sandoval P, Johannrees O#, Snoeck S#, Harshith CY#, Omary M#, Broyart C#, Rhodes J, Bender KW, Zipfel C\*, and Santiago J\* (2026) Disulfide bond sculpts a peptide fold that mediates phytocytokine recognition. Nature Plants, under revision. #equal contributions. \*co-corresponding authors

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