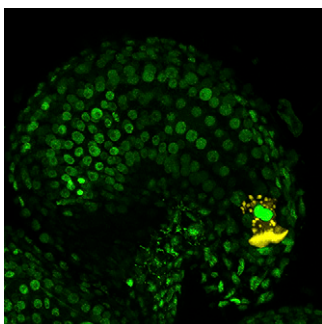


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ON THE COVER



The mechanism that regulates pollen tube reception remains poorly characterized. In mature female gametophytes, Liu et al. (pages 1035–1052) demonstrate a FERONIA receptor-like kinase-dependent role for LORELEI (LRE) in pollen tube reception at the interface of the pollen tube and the synergid cell. The cover is a confocal image of an unfertilized ovule, showing the expression of LRE-cYFP fusion protein in both synergid cells of the female gametophyte in each ovule. Within each synergid cell, the cYFP signal is detected in the filiform apparatus and in unknown organelles. The green signal in the nuclei of cells in the ovule and the female gametophyte is from the ACT11:H2B:GFP transgene.

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