

**Cover image:** Pictured is a developing *Arabidopsis thaliana* lateral root labeled with a fluorescent transcriptional reporter, with cell outlines shown in blue. Yujuan Du and Ben Scheres found that the PLETHORA transcription factors PLT3, PLT5, and PLT7 regulate the initiation of cell divisions at the start of *Arabidopsis* lateral root development. According to the authors, PLETHORA transcription factors are key molecular triggers for the establishment of new meristems and tissue differentiation associated with a new growth axis. See the article by Yujuan Du and Ben Scheres on pages 11709–11714. Image courtesy of Yujuan Du.

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