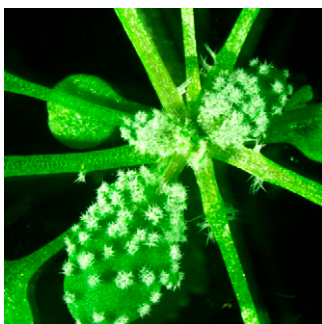


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**ON THE COVER**



As key components in the eukaryotic gene regulatory network, microRNAs (miRNAs) themselves are regulated at the levels of both metabolism and functioning. Wang et al. (pages 3565–3576) utilized an *Arabidopsis thaliana* transgenic line expressing an artificial miRNA (amiR-trichome) that causes trichome clustering to identify factors that are involved in modulating miRNA activity. They showed that mutations in an Importin  $\beta$  protein enhanced miRNA activity and caused highly clustered trichomes as shown in the cover image.

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Joanne Canonne, Daniel Marino, Alain Jauneau, Cécile Pouzet, Christian Brière, Dominique Roby, and Susana Rivas (2011). The *Xanthomonas* Type III Effector XopD Targets the *Arabidopsis* Transcription Factor MYB30 to Suppress Plant Defense. *Plant Cell* 23: 3498–3511.

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