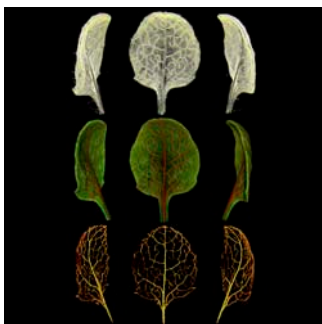


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**ON THE COVER**



Accurate three-dimensional imaging of plant structures and gene activity is important for a comprehensive understanding of plant growth and development. Lee et al. (pages 2145–2156) explore the use of optical projection tomography for three-dimensional imaging of plant structures in *Arabidopsis* and *Antirrhinum*. The cover image shows a leaf of *Arabidopsis* transformed with a *GUS* construct driven by the *ATHB8* vein marker gene promoter, enhanced in different ways using visualization techniques described in the article. Top row: QtVoView lighting and tone-shader effects; middle row: combined transmission (visible; red) and fluorescent (GFP1; green) channels; bottom row: stained veins extracted using semiautomatic segmentation tools. See also the In Brief feature on this article on page 2100.

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- Ramanjulu Sunkar, Avnish Kapoor, and Jian-Kang Zhu (2006). Posttranscriptional Induction of Two Cu/Zn Superoxide Dismutase Genes in *Arabidopsis* Is Mediated by Downregulation of miR398 and Important for Oxidative Stress Tolerance. *Plant Cell* 18, 2051–2065. 2415

<sup>W</sup> Online version contains Web-only data.

<sup>OA</sup> Open Access articles can be viewed online without a subscription.



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