Plant Physiology®

March 2018 • Vol. 176 • No. 3

On the Cover: The cover image shows xylem vessel elements converted from mesophyll cells in cotyledons by the application of cytokinin, auxin, and brassinosteroid (the KDB system), and then stained by safranin-O. The image was captured using a confocal laser scanning microscope system (Zeiss LSM 710) by Tian Tian Tan, followed by image processing with Adobe Photoshop by Misato Ohtani and Taku Demura.

ON THE INSIDE

EDITORIALS

LETTERS TO THE EDITOR

COMMENTARIES

TOPICAL REVIEW

Continued on next page

Continued from preceding page

BREAKTHROUGH TECHNOLOGIES

RESEARCH REPORT

RESEARCH ARTICLES

BIOCHEMISTRY AND METABOLISM

CELL BIOLOGY

Continued on next page

Continued from preceding page

Continued on next page

Continued from preceding page

Continued on next page

Continued from preceding page

Continued on next page

Continued from preceding page

Continued on next page

Continued from preceding page

SYSTEMS AND SYNTHETIC BIOLOGY

CORRECTIONS