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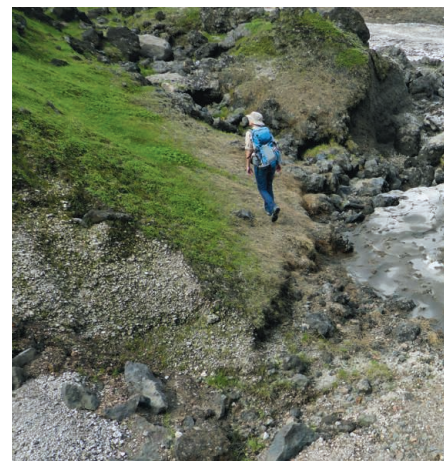
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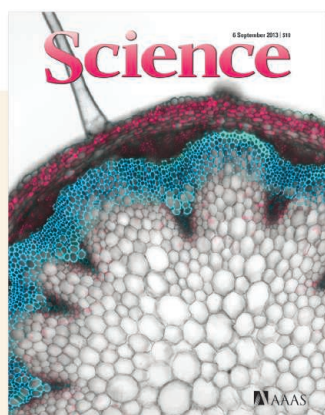
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COVER

Enhanced-color confocal microscopy image of a cross section of an *Arabidopsis* stem (diameter of full section: 2 millimeters; excluding the protruding epidermal hair cell). The cell walls in blue contain lignin, which provides strength to the walls. The magenta color in the cortex cells reflects the presence of chlorophyll. Caffeoyl shikimate esterase is an enzyme central to the biosynthesis of lignin, a major factor limiting biomass processing for biofuels. See page 1103.

Image: Lisa Sundin, Matyas Fendrych, and Daniel Van Damme/VIB, Belgium

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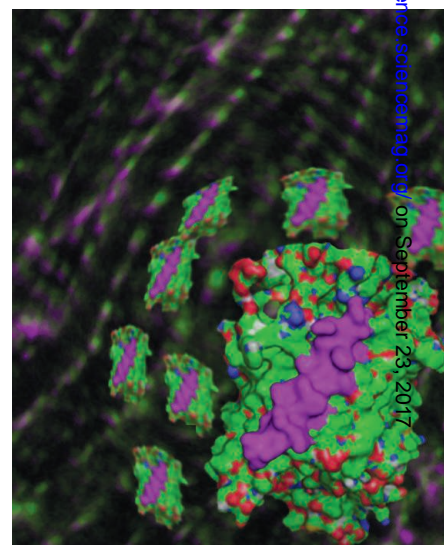
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