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On the Cover: Confocal three-dimensional maximum intensity projection of a pea (*Pisum sativum*) leaf cross section showing chlorophyll autofluorescence (red color) and nitric oxide (NO) production detected by 4,5-diaminofluorescein diacetate (green color) from pea plants treated with 50 μM CdCl_2 and 10 mM $\text{Ca}(\text{NO}_3)_2$. Long-term exposure of pea plants to Cd induces a reduction of NO production in pea leaves; however, this fact could be reversed by supplying Ca to the nutrient solution. This result suggests that Cd can affect NO accumulation by promoting Ca deficiency, which can be responsible for the reduction of the NO synthase-like activity. In mesophyll cells the main production of NO took place in small spherical organelles, which may be peroxisomes or mitochondria, although the highest production could be observed associated to tracheids. Confocal image by María Rodríguez-Serrano. (See Rodríguez-Serrano et al., pp. 229–243.)

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^[C] Some figures in this article are displayed in color online but in black and white in the print edition.

^[W] Indicates Web-only data.

^[OA] Open Access articles can be viewed online without a subscription.