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**On the Cover:** The *Medicago truncatula noot1noot2* double mutant shows a loss of nodule identity characterized by a complete nodule-to-root identity reversion. This homeotic conversion confirms that the nodule vasculature is ontologically related to root and highlights the evolutionary pathway at the origin of the symbiotic organ. Credit: Kevin Magne, Institute of Plant Sciences of Paris Saclay.

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**CORRECTION**