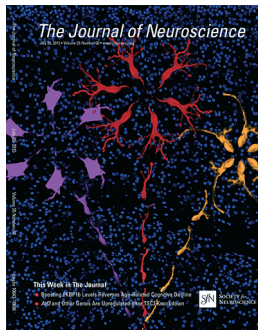


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Cover legend: The leading process of a migrating wild-type cortical neuron (red) is shown to bloom explosively into the apical dendrite. In contrast, neurons in *reeler* cortices (purple, yellow) show normal migrating morphology but their dendritic blooms are duds, with misoriented and simplified arbors. Precise transformation of the leading process may be required for precise migration arrest and proper cortical lamination (shown by Hoechst nuclear staining, blue). For more information, see O'Dell et al. (pages 10659–10674).

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