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ON THE COVER



Neurons of the brain find their places during development guided by internal programs and external interactions. This confocal microscopy image from a *Drosophila* larva shows the characteristic placement of neurons in the optic lobe. The neurons are organized in layers according to their birth order, with the color of each layer corresponding to its neurons' unique expression of transcription factors, as detected by immunofluorescence. This special issue highlights the behind-the-scenes forces and constraints that guide brain development. See page 170. *Image: Isabel Holguera, Claude Desplan laboratory*

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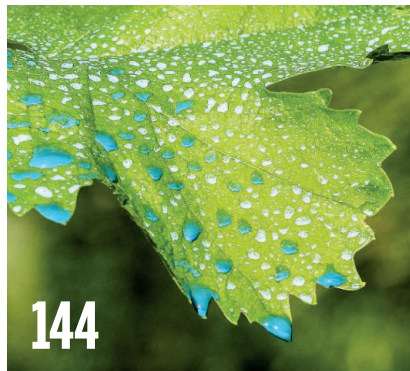
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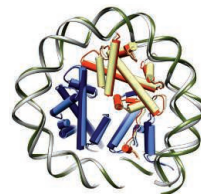
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