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Cover Illustration: Creating and assessing stroke within the mouse cortex. Maps of mouse cortical vasculature made with laser speckle imaging of blood flow before and after targeted stroke are shown in the upper left and lower left, respectively. Images on the right are functional maps of the mouse forelimb (red) and hindlimb (green) somatosensory areas superimposed over a reflected light image of the surface vasculature. Stroke (lower right) knocks out the hindlimb functional map. A protocol for inducing and evaluating stroke in the mouse cortex is included in this issue (doi: 10.1101/pdb.prot087486). Credit: T. Murphy, University of British Columbia.

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