About the Cover

Cover legend: Superimposed differential interference contrast (DIC) and fluorescence images of hippocampal neurons cultured for 7 days on a micropatterned substrate that allows axons (green) and dendrites (blue) to grow only along defined paths. Incubating cultures for 24 h with poly-D-lysine beads induces formation of synaptophysin-positive presynaptic-like puncta (red) selectively along isolated axons in the absence of dendritic contact. For more information, see the article by Lucido et al. in this issue (pages 12449–12466).