editorial

The scramble to patent human genes

news & views

Conscious awareness, memory and the hippocampus
Howard Eichenbaum
☞ SEE ARTICLE, PAGE 844

Semaphorins: repulsive guidance molecules show their attractive side
Andreas W Püschel
☞ SEE ARTICLE, PAGE 798

A sonic boom for gene delivery
Jack Price
☞ SEE ARTICLE, PAGE 812

Anxiety: at the intersection of genes and experience
Stephan G Anagnostaras, Michelle G Craske and Michael S Fanselow
☞ SEE ARTICLE, PAGE 833

Synaptic physiology in C. elegans
Sandra Aamodt
☞ SEE ARTICLE, PAGE 791

scientific correspondence

“Both” means more than “two”: localizing and counting in patients with visuospatial neglect
P. Vuilleumier and R. Rafal
☞ SEE ARTICLE, PAGE 840

articles

Calcium channel activation stabilizes a neuronal calcium channel mRNA
S Schorge, S Gupta, Z Lin, M W McEnery and D Lipscombe

☞ SEE ARTICLE, PAGE 804

Depth-discontinuity cues provided by half occlusions
Page 840

Activity-dependent remodeling of postsynaptic densities
Page 804
One GABA and two acetylcholine receptors function at the C. elegans neuromuscular junction .................................................. 791
J E Richmond and E M Jorgensen
➤ SEE NEWS AND VIEWS, PAGE 782

Ectopic semaphorin-1a functions as an attractive guidance cue for developing peripheral neurons ........................................... 798
J T W Wong, S T M Wong and T P O'Connor
➤ SEE NEWS AND VIEWS, PAGE 777

Continual remodeling of postsynaptic density and its regulation by synaptic activity ......................................................... 804
S Okabe, H-D Kim, A Miwa, T Kuriu and H Okado

A method for rapid gain-of-function studies in the mouse embryonic nervous system ...................................................... 812
N Gaiano, J D Kohtz, D H Turnbull and G Fishell
➤ SEE NEWS AND VIEWS, PAGE 779

Dendritic asymmetry cannot account for directional responses of neurons in visual cortex ................................................. 820
J C Anderson, T Binzegger, O Kahana, K A C Martin and I Segev

Receptive fields of disparity-selective neurons in macaque striate cortex ................................................................. 825
M S Livingstone and D Y Tsao

Decreased GABA_A-receptor clustering results in enhanced anxiety and a bias for threat cues ........................................... 833
F Crestani, M Lorez, K Baer, C Essrich, D Benke, J P Laurent, C Belzung, J-M Fritschy, B Lüscher and H Mohler
➤ SEE NEWS AND VIEWS, PAGE 780

Stereoscopic occlusion junctions .................................................. 840
J Malik, B J Anderson and C E Charowhas

Memory deficits for implicit contextual information in amnesic subjects with hippocampal damage ................................... 844
M M Chun and E A Phelps
➤ SEE NEWS AND VIEWS, PAGE 775

errata
see page 848

classified advertising
see back pages