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1347 Finding translation in stress research
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1364 Neighborhood matters: divergent patterns of stress-induced plasticity across the
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1376 Stress weakens prefrontal networks: molecular insults to higher cognition
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1386 Neuroimmune mechanisms of depression
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1394 Resolving the neural circuits of anxiety
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1413 Sex differences and stress across the lifespan
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1421 Environmental influence in the brain, human welfare and mental health
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The locus coeruleus is a brainstem
nucleus that is important for arousal
and learning, alerting the brain
to surprising stimuli. Martins and
Froemke examined how activation
of the rat locus coeruleus leads to
long-lasting changes in responses to
sounds, affecting auditory perception
and modifying the circuitry of the rat
auditory cortex and the locus coeruleus
itself. The cover is a reference to The
Scream of Nature by Edvard Munch.
Created by Shari E. Ross.

Transcriptional profiling of
olfactory receptor ligands
(pp 1432, 1446 and 1455)
NEWS AND VIEWS

1432 Decoding and deorphanizing an olfactory map
Hirofumi Nishizumi & Hitoshi Sakano ▶ see also pp 1446 and 1455

1434 A tonic for anxiety
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1435 Explaining the especially pink elephant
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1437 Centrosomin represses dendrite branching by orienting microtubule nucleation
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1446 Molecular profiling of activated olfactory neurons identifies odorant receptors for odors in vivo
Y Jiang, N N Gong, X S Hu, M J Ni, R Pasi & H Matsunami ▶ see also p 1432

1455 Large-scale transcriptional profiling of chemosensory neurons identifies receptor-ligand pairs in vivo
B von der Weid, D Rossier, M Lindup, J Tuberosa, A Widmer, J D Col, C Kan, A Carleton & I Rodriguez ▶ see also p 1432

1464 BET protein Brd4 activates transcription in neurons and BET inhibitor Jq1 blocks memory in mice
E Korb, M Herre, I Zucker-Scharff, R B Darnell & C D Allis

1474 Neuronal pattern separation in the olfactory bulb improves odor discrimination learning
O Gschwend, N M Abraham, S Lagier, F Begnaud, I Rodriguez & A Carleton

1483 Coordinated forms of noradrenergic plasticity in the locus coeruleus and primary auditory cortex
A R O Martins & R C Froemke

1493 Regulating anxiety with extrasynaptic inhibition
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1501 Basal forebrain neuronal inhibition enables rapid behavioral stopping
J D Mayse, G M Nelson, I Avila, M Gallagher & S-C Lin

1509 A Bayesian observer model constrained by efficient coding can explain 'anti-Bayesian' percepts
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1518 ScaleS: an optical clearing palette for biological imaging
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NATURE NEUROSCIENCE CLASSIFIED

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