SPECIAL SECTION

The Heavily Connected Brain

INTRODUCTION
577  Connection, Connection, Connection …

REVIEWS
578  Cortical High-Density Counterstream Architectures
 N. T. Markov et al.
Review Summary; for full text:
http://dx.doi.org/10.1126/science.1238406

579  Structural and Functional Brain Networks: From Connections to Cognition
H.-J. Park and K. Friston
Review Summary; for full text:
http://dx.doi.org/10.1126/science.1238411

580  Functional Interactions as Big Data in the Human Brain
N. B. Turk-Browne

585  Predispositions and Plasticity in Music and Speech Learning: Neural Correlates and Implications
R. J. Zatorre
>> Science Podcast

586  Health and Obesity: A New Normal?
M. E. Deutsch
Health and Obesity: Not Just Skin Deep
E. Arner and P. Arner
Emerging Arsenic Threat in Canada
V. D. Martinez et al.

589  Life in Science: Zombiology

599  CORRECTIONS AND CLARIFICATIONS

LETTERS
558  Health and Obesity: A New Normal?
M. E. Deutsch

559  Health and Obesity: Not Just Skin Deep
E. Arner and P. Arner

560  The Sports Gene
D. Epstein, reviewed by D. Greenbaum

561  When People Come First
J. Biehl and A. Petryna, Eds., reviewed by N. S. Berry

POLICY FORUM
562  Doctoral Students and U.S. Immigration Policy
K. E. Maskus et al.

564  Our Fallen Genomes
E. Z. Macosko and S. A. McCarroll
>> Report p. 632

565  Dust Unto Dust
M. C. Scholes and R. J. Scholes
>> Report p. 621

568  Storing Quantum Information in Schrödinger’s Cats
P. J. Leek
>> Report p. 607

569  Quantized Electronic Heat Flow
B. Sothmann and C. Flindt
>> Report p. 601

570  Rhythmic Respiration
G. Rey and A. B. Reddy
>> Research Article p. 591

572  Retrospective: David H. Hubel (1926–2013)
R. H. Wurtz

CONTENTS continued >>

ON THE WEB THIS WEEK

>> Science Podcast
Listen to stories on neural correlates for music and speech learning, understanding the role of scars in spinal cord injury, deep-brain stimulation for depression, and more.

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COVER
Fiber pathways of a female human brain mapped noninvasively with diffusion magnetic resonance imaging. The image shows an axial view from above (front is at top). Major pathways of the human frontal lobes, and their organization as orthogonal grids, are shown here (cerebral association pathways, vertical; transverse pathways, horizontal). For a description of cortical networks, see the special section beginning on page 577.

Image: Van J. Wedeen, Aapo Nummenmaa, Ruopeng Wang, and Lawrence L. Wald/Athinoula A. Martinos Center for Biomedical Imaging, Massachusetts General Hospital, with support of NIH Human Connectome Project and NSF

DEPARTMENTS
531  This Week in Science
535  Editors’ Choice
538  Science Staff
641  New Products
642  Science Careers
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>573</td>
<td>Space Bats: Multidimensional Spatial Representation in the Bat</td>
<td>M. M. Yartsev</td>
<td></td>
</tr>
<tr>
<td>590</td>
<td>On and Off Retinal Circuit Assembly by Divergent Molecular Mechanisms</td>
<td>L. O. Sun et al.</td>
<td>Work in mice reveals how motion-detection circuitry is established during visual system development.</td>
</tr>
<tr>
<td>591</td>
<td>Circadian Clock NAD⁺ Cycle Drives Mitochondrial Oxidative Metabolism</td>
<td>C. B. Peek et al.</td>
<td>The coenzyme nicotinamide adenine dinucleotide mechanistically links the circadian clock to control of energy production by mitochondria.</td>
</tr>
<tr>
<td>592</td>
<td>Structure-Based Design of a Fusion Glycoprotein Vaccine for Respiratory Syncytial Virus</td>
<td>J. S. McLellan et al.</td>
<td>Molecular engineering of a childhood virus surface protein significantly improves protective responses in mice and macaques.</td>
</tr>
<tr>
<td>598</td>
<td>Evolution of the Magnetic Field Structure of the Crab Pulsar</td>
<td>A. Lyne et al.</td>
<td>Long-term measurements show the systematic evolution of the radiation pattern of one of the youngest neutron stars known.</td>
</tr>
<tr>
<td>601</td>
<td>Quantum Limit of Heat Flow Across a Single Electronic Channel</td>
<td>S. Jezouin et al.</td>
<td>The unit of heat carried by electrons is measured using noise thermometry and found to be consistent with predictions.</td>
</tr>
<tr>
<td>604</td>
<td>Parameter Space Compression Underlies Emergent Theories and Predictive Models</td>
<td>B. B. Machta et al.</td>
<td>An information-theoretical approach is used to distinguish the important parameters in two archetypal physics models.</td>
</tr>
<tr>
<td>607</td>
<td>Deterministically Encoding Quantum Information Using 100-Photon Schrödinger Cat States</td>
<td>B. Vlastakis et al.</td>
<td>A scheme is demonstrated for coherently mapping the state of a single superconducting qubit onto a large number of photons.</td>
</tr>
<tr>
<td>611</td>
<td>Real-Space Identification of Intermolecular Bonding with Atomic Force Microscopy</td>
<td>J. Zhang et al.</td>
<td>An atomic force microscope tip bearing a single carbon monoxide molecule was used to resolve hydrogen bonding contacts between molecules.</td>
</tr>
<tr>
<td>614</td>
<td>One-Dimensional Electrical Contact to a Two-Dimensional Material</td>
<td>L. Wang et al.</td>
<td>Metal contacts to graphene along its edge improve bonding and, in turn, electronic performance.</td>
</tr>
<tr>
<td>617</td>
<td>Pacific Ocean Heat Content During the Past 10,000 Years</td>
<td>Y. Rosenthal et al.</td>
<td>Marine records show how ocean heat content has varied in step with climate over the past 10,000 years.</td>
</tr>
<tr>
<td>621</td>
<td>Reconstructing the Microbial Diversity and Function of Pre-Agricultural Tallgrass Prairie Soils in the United States</td>
<td>N. Fierer et al.</td>
<td>Analysis of microbiota in prairie soil relicts offers insights into the ecological function of a near-extinct biome.</td>
</tr>
<tr>
<td>624</td>
<td>Structural Basis for flg22-Induced Activation of the Arabidopsis FLS2-BAK1 Immune Complex</td>
<td>Y. Sun et al.</td>
<td>The molecular basis for how a plant heterodimeric receptor responds to bacterial infection signals is elucidated.</td>
</tr>
<tr>
<td>628</td>
<td>Regulation of Temperature-Responsive Flowering by MADS-Box Transcription Factor Repressors</td>
<td>J. H. Lee et al.</td>
<td>A warm spring favors early flowering by invoking less transcriptional repression by a floral repressor complex.</td>
</tr>
<tr>
<td>632</td>
<td>Mosaic Copy Number Variation in Human Neurons</td>
<td>M. J. McConnell et al.</td>
<td>Single-cell genomics reveals that individual adult human neurons acquire diverse individual genotypes.</td>
</tr>
<tr>
<td>637</td>
<td>Resident Neural Stem Cells Restrict Tissue Damage and Neuronal Loss After Spinal Cord Injury in Mice</td>
<td>H. Sabelström et al.</td>
<td>Glial scarring helps to maintain the integrity of the injured spinal cord in mice.</td>
</tr>
</tbody>
</table>