REVIEW

210 Fueling Immunity: Insights into Metabolism and Lymphocyte Function
E. L. Pearce et al.
Review Summary; for full text: http://dx.doi.org/10.1126/science.1242454

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211 Opposite Feedbacks in the Hippo Pathway for Growth Control and Neural Fate
D. Jukam et al.
Hippo signaling cell differentiation and fate through context- and tissue-specific feedback and transcription networks.
Research Article Summary; for full text: http://dx.doi.org/10.1126/science.1238016

212 Villilication: How the Gut Gets Its Villi
A. E. Shyer et al.
Muscular control over proliferating mesenchyme and epithelium yields intestinal villi.
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218 Evidence for Water in the Rocky Debris of a Disrupted Extrasolar Minor Planet
J. Farhi et al.
Spectroscopic analysis of a debris-accreting star in its latest stage of life reveals the remnants of a water-bearing world.

220 Femtosecond Visualization of Lattice Dynamics in Shock-Compressed Matter
D. Milathianaki et al.
The response to shock in polycrystalline copper is seen to evolve from elastic to plastic using ultrafast x-ray diffraction.

224 Imaging Atomic Rearrangements in Two-Dimensional Silica Glass: Watching Silica’s Dance
P. Y. Huang et al.
Dynamics of individual atoms in a two-dimensional silicate glass have been observed using transmission electron microscopy.
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227 Waveform Tomography Reveals Channeled Flow at the Base of the Oceanic Astronomosphere
S. French et al.
 Mantle convection produces low-wavelength fingerlike structures parallel to the directions of plate motion.

231 RNA Interference Functions as an Antiviral Immunity Mechanism in Mammals
Y. Li et al.

235 Antiviral RNA Interference in Mammalian Cells
P. V. Mailland et al.
Certain mammalian cells can use RNA interference in the innate defense against invading viruses.
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239 RTEL1 Is a Replisome-Associated Helicase That Promotes Telomere and Genome-Wide Replication
J.-B. Vannier et al.
A DNA helicase that protects telomeres is also required for replication of the rest of the genome.

243 Structures and Receptor Binding of Hemagglutinins from Human-Infecting H7N9 Influenza Viruses
Y. Shi et al.
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247 Human Influences on Nitrogen Removal in Lakes
J. C. Finlay et al.
Successful control of phosphorus levels results in nitrogen accumulation in many of Earth’s largest lakes.
>> Perspective p. 205; Science Podcast

250 Type 6 Secretion System–Mediated Immunity to Type 4 Secretion System–Mediated Gene Transfer
B. T. Ho et al.
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253 An Erythroid Enhancer of BCL11A Subject to Genetic Variation Determines Fetal Hemoglobin Level
D. E. Bauer et al.
Fine-mapping reveals a promising therapeutic target for genome engineering in the δ-hemoglobinopathies.
>> Perspective p. 206

257 Ancient DNA Reveals Key Stages in the Formation of Central European Mitochondrial Genetic Diversity
G. Brandt et al.
Mitochondrial DNA profiles of 364 prehistoric people reveal human demography and migration patterns in Neolithic Germany.
>> News story p. 181
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