REVIEW

210 Fueling Immunity: Insights into Metabolism and Lymphocyte Function
E. L. Pearce et al.
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211 Opposite Feedbacks in the Hippo Pathway for Growth Control and Neural Fate
D. Jukam et al.
Hippo direct 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 Villification: How the Gut Gets Its Villi
A. E. Shyer et al.
Muscular control over proliferating mesenchyme and epithelium yields intestinal villi.
>> Perspective p. 203

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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.
>> Perspective p. 201

227 Waveform Tomography Reveals Channeled Flow at the Base of the Oceanic Asthenosphere
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.
>> Perspective p. 207

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.

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Y. Shi et al.
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J. C. Finlay et al.
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250 Type 6 Secretion System–Mediated Immunity to Type 4 Secretion System–Mediated Gene Transfer
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D. E. Bauer et al.
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>> Perspective p. 206

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G. Brandt et al.
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>> News story p. 181
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