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ON THE WEB THIS WEEK

- >> **Science Podcast**
Listen to stories on fear-enhanced odor detection, the latest news from the Curiosity mission, and more.
- >> **Science Digital First**
Explore the history of disease in a thousand-year graveyard, in a special multimedia news feature with video, slideshows, and graphics, at www.sciencemag.org.



COVER

Remains of an older woman buried in the mid-1800s at Badia Pozzeveri graveyard in Altopascio, Italy. She is one of several skeletons entombed in lime, probably to quell infection during an epidemic. Archaeologists are currently studying skeletons buried over the course of 1000 years at this site for clues to ancient health and disease. For further information, see pages 1291 and 1306 and a special multimedia package at <http://scim.ag/1000yrgrave>.

Photo: Francesco Coschino

DEPARTMENTS

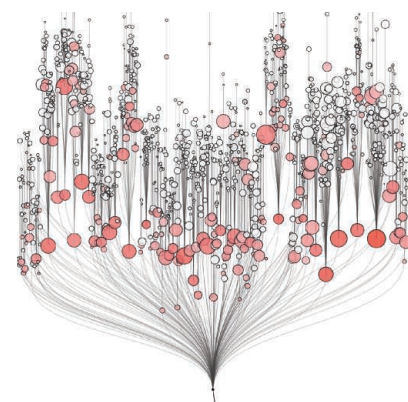
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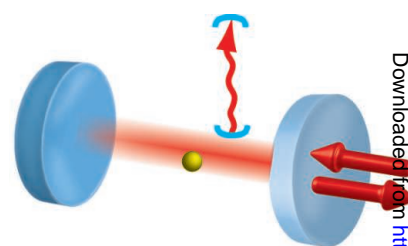
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- 1336** The Genome of the Ctenophore *Mnemiopsis leidyi* and Its Implications for Cell Type Evolution
J. F. Ryan et al.
Analysis of the genome of the sea walnut reveals insights into the early evolution of the animal kingdom.
Research Article Summary; for full text: <http://dx.doi.org/10.1126/science.1242592>
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- 1337** The Hidden Geometry of Complex, Network-Driven Contagion Phenomena
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A model based on effective rather than geographical distance can reveal the origin, timing, and likely spread of epidemics.
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- 1346** Phosphorus in the Young Supernova Remnant Cassiopeia A
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Spectroscopic observations of the remains of stellar explosions confirm that argon-36 and phosphorus are produced in such energetic events.
- 1349** Nondestructive Detection of an Optical Photon
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- 1351** Effect of Collective Molecular Reorientations on Brownian Motion of Colloids in Nematic Liquid Crystal
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Mutations in a distinctive sulfotransferase are responsible for oxamniquine resistance in a human blood fluke.
- 1389** Fear Learning Enhances Neural Responses to Threat-Predictive Sensory Stimuli
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>> *Science Podcast*



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