COVER
Tomato (*Solanum lycopersicum*) domestication and selection resulted in an explosion of different fruit shapes and sizes, as exemplified by heirloom varieties. Wild ancestors of tomatoes such as *S. pimpinellifolium*, the smallest fruit shown here, were round (middle row, second from left). See page 1527.

Image: Kelly Krause/Science; photos: Esther van der Knaap

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Simulations successfully show how the spin of a nitrogen vacancy in diamond is coupled to those of surrounding nitrogen impurities and how coherence between them is lost.
10.1126/science.1155400

MOLECULAR BIOLOGY
Nutritional Control of Reproductive Status in Honeybees via DNA Methylation
R. Kucharski, J. Maleszka, S. Foret, R. Maleszka
Epigenetic modifications that involve methylation cause female honeybee larvae to become queens rather than workers when they are fed royal jelly.
10.1126/science.1153069

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F. Wang et al.
Application of electrical biases to single or double layers of graphene change its infrared reflectivity, mimicking aspects of transistors and opening up optoelectronic applications.
10.1126/science.1152793

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10.1126/science.1154580

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10.1126/science.1153121
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Find a drug, any drug.

ST NETWATCH: DrugBank
DrugBank is a useful tool for researchers using pharmacological agents to study signaling pathways; in Bioinformatics Resources.

ST NETWATCH: MINT, the Molecular INTeraction Database
Explore your favorite protein’s potential binding partners with the MINT database; in Protein Databases.

ST NETWATCH: Ask a Scientist
This Web site from the Howard Hughes Medical Institute lets users submit their questions directly to scientists; in Educator Sites.

Download the 14 March Science Podcast to hear about predator-induced sand dollar cloning, the composition of protoplanetary disks, a worldwide assessment of agricultural science, and more.
Science 319 (5869), 1453-1551.