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Hot dust clouds in the center of the Milky Way, photographed by the Infrared Array Camera (IRAC) aboard the Spitzer Space Telescope. The International Year of Astronomy gets under way this week with opening ceremonies at UNESCO headquarters in Paris; Science marks the occasion with a special News Focus section beginning on page 326.

Image: NASA/JPL-Caltech/S. Stolovy (Spitzer Science Center/Caltech)
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Effects of genetic perturbation on seasonal life history plasticity
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A genetic defect caused by a triplet repeat expansion in Arabidopsis thaliana
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Signaling gradients coordinately regulate proliferation and cell fate determination in the developing limb.
Podcast
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The scaffold protein mAKAP localizes factors important for the cellular response to hypoxia.

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Network Watch: The Human Protein Atlas
An antibody-based proteomics database provides tissue-specific expression data for a growing list of human proteins; in Protein Databases.
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