CELL BIOLOGY. For the article "RNA sequence analysis defines Dicer's role in mouse embryonic stem cells," by J. Mauro Calabrese, Amy C. Seila, Gene W. Yeo, and Phillip A. Sharp, which appeared in issue 46, November 13, 2007, of *Proc Natl Acad Sci USA* (104:18097–18102; first published November 7, 2007; 10.1073/pnas.0709193104), the authors note that, due to a printer's error, the first sentence of the Abstract on page 18097 appears incorrectly in part. "Short RNA expression was analyzed from *Dicer*-positive and *Dicer*-knockout mouse **embroyonic** stem (ES) cells, using high-throughput pyrosequencing" should instead read: "Short RNA expression was analyzed from *Dicer*-positive and *Dicer*-knockout mouse **embryonic** stem (ES) cells, using high-throughput pyrosequencing."

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ENVIRONMENTAL SCIENCES, GEOLOGY. For the article "Diffusion-controlled metabolism for long-term survival of single isolated microorganisms trapped within ice crystals," by Robert A. Rohde and P. Buford Price, which appeared in issue 42, October 16, 2007, of *Proc Natl Acad Sci USA* (104:16592–16597; first published October 10, 2007; 10.1073/pnas.0708183104), the authors note that on page 16593, in the first full paragraph, left column, they wish to delete the following sentences: "Using scanning fluorimetry to scan GISP2 ice cores at the National Ice Core Laboratory (NICL), we recently found that anomalously high levels of both $\delta^{18}O_{air}$ (30) and CH_4 (31) at the same depth, 2,672 m, corresponded to excess microbial concentrations localized within a 1-cm^3 ice volume.[‡] We concluded that these gas anomalies are the waste products of both aerobic respiration and methanogenic metabolism within the same community." In addition, the authors would like to note the following: "A colleague has pointed out to us that our unpublished fluorimetric data at 2,672 m in the GISP2 ice are not anomalous and do not require an excess concentration of aerobes and anaerobes at that depth. We agree. The preceding sentence in the paper, 'Sheridan *et al.* (13) and Miteva *et al*. (14) identified a rich variety of both aerobes and anaerobes at the same depth, 3,043 m, in a sample of GISP2 ice,' is correct and provides sufficient justification for the conclusion stated in that paragraph." These errors do not affect the conclusions of the article.

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MEDICAL SCIENCES. For the article "Activation of tissue transglutaminase transcription by histone deacetylase inhibition as a therapeutic approach for Myc oncogenesis," by Tao Liu, Andrew E. L. Tee, Antonio Porro, Stewart A. Smith, Tanya Dwarte, Pei Yan Liu, Nunzio Iraci, Eric Sekyere, Michelle Haber, Murray D. Norris, Daniel Diolaiti, Giuliano Della Valle, Giovanni Perini, and Glenn M. Marshall, which appeared in issue 47, November 20, 2007, of *Proc Natl Acad Sci USA* (104:18682–18687; first published November 14, 2007; 10.1073/pnas.0705524104), the authors note that the following statement should be added to the Acknowledgments: "The Children's Cancer Institute Australia is affiliated with the University of New South Wales, Sydney NSW, Australia."

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PHYSIOLOGY. For the article "Evidence for a signaling axis by which intestinal phosphate rapidly modulates renal phosphate reabsorption," by Theresa Berndt, Leslie F. Thomas, Theodore A. Craig, Stacy Sommer, Xujian Li, Eric J. Bergstralh, and Rajiv Kumar, which appeared in issue 26, June 26, 2007, of *Proc Natl Acad Sci USA* (104:11085–11090; first published June 12, 2007; 10.1073/pnas.0704446104), the authors note that on page 11089, right column, third full paragraph, the sentence beginning on line 7 is incorrect in part. "After the baseline collection period, 1 ml of 1.3 **mM** NaH_2PO_4 (pH 5) was infused via the duodenal catheter over a period of 15 s" should instead read: "After the baseline collection period, 1 ml of 1.3 **M** NaH_2PO_4 (pH 5) was infused via the duodenal catheter over a period of 15 s." This error does not affect the conclusions of the article.

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