

Corrections

BIOCHEMISTRY. For the article “HuR binding to cytoplasmic mRNA is perturbed by heat shock,” by Imed-Eddine Gallouzi, Christopher M. Brennan, Myrna G. Stenberg, Maurice S. Swanson, Ashley Eversole, Nancy Maizels, and Joan A. Steitz, which appeared in number 7, March 28, 2000, of *Proc. Natl. Acad. Sci. USA* (**97**, 3073–3078), the authors note the following regarding Fig. 2. Attempts to repeat *in situ* hybridization experiments comparing the localization of poly(A)⁺ RNA in HeLa cells before and after heat shock have revealed that the differences are not as dramatic as those seen in panels 13 and 14. Rather, the nearly complete absence of poly(A)⁺ RNA from the nuclear region is observed only in metaphase cells, which were mistakenly selected for display in panel 13. In nondividing cells at 37°C, a significant poly(A)⁺ signal is usually seen in the nucleus in addition to that in the cytoplasm. The major conclusions of the paper remain unchanged.

www.pnas.org/cgi/doi/10.1073/pnas.0337430100

BIOCHEMISTRY. For the article “Structure and function from the circadian clock protein KaiA of *Synechococcus elongatus*: A potential clock input mechanism,” by Stanly B. Williams, Ioannis Vakonakis, Susan S. Golden, and Andy C. LiWang, which appeared in number 24, November 26, 2002, of *Proc. Natl. Acad. Sci. USA* (**99**, 15357–15362; First Published November 15, 2002; 10.1073/pnas.232517099), on page 15358, left column, third full paragraph, lines 9 and 15, the terms H^γ and H^Δ appeared incorrectly due to printer’s errors. In line 9, H^γ should read H^β and, in line 15, H^Δ should read H^δ.

www.pnas.org/cgi/doi/10.1073/pnas.0337360100

BIOCHEMISTRY. For the article “Overexpression, purification, and site-directed spin labeling of the Nramp metal transporter from *Mycobacterium leprae*,” by Ian Reeve, David Hummell, Nathan Nelson, and John Voss, which appeared in number 13, June 25, 2002, of *Proc. Natl. Acad. Sci. USA* (**99**, 8608–8613; First Published June 19, 2002; 10.1073/pnas.142287699), the author name David Hummell should have been spelled David Hummel. The online version has been corrected. The corrected author line appears below.

Ian Reeve, David Hummel, Nathan Nelson, and John Voss

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MEDICAL SCIENCES. For the article “Inflammatory mediators are induced by dietary glycotoxins, a major risk factor for diabetic angiopathy,” by Helen Vlassara, Weijing Cai, Jill Crandall, Teresia Goldberg, Robert Oberstein, Veronique Dardaine, Melpomeni Peppas, and Elliot J. Rayfield, which appeared in number 24, November 26, 2002, of *Proc. Natl. Acad. Sci. USA* (**99**, 15596–15601; First Published November 12, 2002; 10.1073/pnas.242407999), the authors note that the following statement was omitted from the Acknowledgments. “The research presented in the paper was also supported by Grant MO1-RR-00071 from the National Center for Research Resources (NCRR), awarded to the General Clinical Research Center at Mount Sinai School of Medicine.”

www.pnas.org/cgi/doi/10.1073/pnas.0337131100

NEUROSCIENCE. For the article “Stepwise contribution of each subunit to the cooperative activation of BK channels by Ca²⁺,” by Xiaowei Niu and Karl L. Magleby, which appeared in number 17, August 20, 2002, of *Proc. Natl. Acad. Sci. USA* (**99**, 11441–11446; First Published August 2, 2002; 10.1073/pnas.172254699), Eq. 1 on page 11444 appeared incorrectly. The correct equation appears below.

$$P_o = \frac{P_{\max}}{1 + (K_d/Ca_i^{2+})^n} \quad [1]$$

www.pnas.org/cgi/doi/10.1073/pnas.0337132100

MICROBIOLOGY. For the article “The total influenza vaccine failure of 1947 revisited: Major intrasubtypic antigenic change can explain failure of vaccine in a post-World War II epidemic,” by Edwin D. Kilbourne, Catherine Smith, Ian Brett, Barbara A. Pokorny, Bert Johansson, and Nancy Cox, which appeared in number 16, August 6, 2002, of *Proc. Natl. Acad. Sci. USA* (**99**, 10748–10752; First Published July 22, 2002; 10.1073/

pnas.162366899), in Table 7, three entries in the first two data columns appeared incorrectly. The corrected table appears below. The sequences submitted to GenBank are correct. In addition, on page 10751, left column, line 5, “7 of 11 antigenic sites” should read “8 of 11 antigenic sites.” These errors do not affect the interpretations and conclusions of the paper.

Table 7. Antigenic site changes in the HA gene

	Antigenic site												
	Sa				Sb			Ca1		Ca2		Cb	
	163	165	166	129	192	196	197	173	273	145	225	78	81
1943–1947													
Weiss/43	Y	R	N		Q	Q		A	S	R	D	L	E
Marton/43	N	N	N		Q	Q		G	S	S	G	Q	E
FM/1/47	K	S	K		K	R		E	P	S	G	L	K
Rhodes/47	N	S	K		R	R		E	S	S	G	L	K
1977–1986													
USSR/90/77				K	K	R	T				G		
India/6263/80				K	K	R	T				D		
Chile/1/83				K	K	R	T				N		
Taiwan/1/86				N	R	H	A				G		

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