

## CORRECTIONS

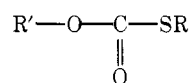
"*Neurospora* Arginyl Transfer Ribonucleic Acid Ligase. Binding and Dissociation of Transfer Ribonucleic Acid", by Jeffrey A. Evans and M. Nazario, Volume 13, Number 15, July 16, 1974, pages 3092-3098.

The somewhat systematic misreporting, on the part of the authors, of the  $\text{MgCl}_2$  and EDTA concentrations should be corrected for some of the nitrocellulose binding experiments. The concentrations of  $\text{MgCl}_2$  and EDTA in the standard incubation mixture used in experiments involving Figures 2-4, 6, 7 and Table II were 0.5 mM for both components instead of 2 mM for  $\text{MgCl}_2$  and 0.1 mM for EDTA listed. Thus, on p 3093, right-hand column, the paragraph starting "The standard incubation mixture" should read "0.5 mM  $\text{MgCl}_2$ , 0.5 mM  $\text{Na}_2\text{EDTA}$ ..." The next sentence should be deleted. In the following paragraph, (p 3094), the concentrations should be 5.0 mM  $\text{MgCl}_2$ , 0.5 mM  $\text{Na}_2\text{EDTA}$ . To the caption of Figure 5, 1.0 mM  $\text{MgCl}_2$  and 0.2 mM  $\text{Na}_2\text{EDTA}$  should be added.

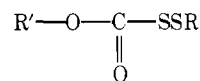
While in these instances it would appear that no  $\text{Mg}^{2+}$  would be available for binding tRNA, we believe that the results would essentially remain the same for reasons listed below. First there is enough  $\text{MgCl}_2$  in the incubation mixtures ( $\sim 0.5$  mM) before the addition of  $\text{MgCl}_2$  and EDTA to saturate tRNAs. Second, in an unpublished experiment, Nazario and Evans found even in the absence of added  $\text{MgCl}_2$  that the presence of 50 mM EDTA did not alter the binding of  $[^{14}\text{C}]\text{Arg-tRNA}$  to the Arg-tRNA ligase. Finally, using  $\text{MgCl}_2$  and EDTA at concentrations reported in the paper both the association constant of *Neurospora* Arg-tRNA (Figures 2, 3) and the dissociation rate constants (Figure 7, Table II) for Arg-tRNA from *Neurospora* alone or in presence of ATP, arginine, or  $\text{PP}_i$  were found to be similar (if not equivalent) to values of the constants reported in the paper. Unfortunately these were not included in the actual data submitted and published. In addition, the experiment shown in Figure 6 was repeated with  $\text{MgCl}_2$ -EDTA at concentrations reported in the paper and the same result was obtained within experimental error.

"Simple Alkanethiol Groups for Temporary Blocking of Sulfhydryl Groups of Enzymes", by Daniel J. Smith, Edward T. Maggio, and George L. Kenyon,\* Volume 14, Number 4, February 25, 1975, pages 766-771.

In eq 2, p 766, the structure



should be changed to



"Mandelate Racemase from *Pseudomonas putida*. Magnetic Resonance and Kinetic Studies of the Mechanism of Catalysis", by Edward T. Maggio, George L. Kenyon,\* Albert S. Mildvan, and George D. Hegeman, Volume 14, Number 6, March 25, 1975, pages 1131-1139.

In eq 8A, p 1138, the term  $k_2k_1/k_5k_6$  on the right hand side should be changed to  $k_2k_6/k_1k_5$ .

"Purification of an Apparent Rat Liver Prothrombin Precursor: Characterization and Comparison to Normal Rat Prothrombin", by Charles T. Esmon, Gregory A. Grant, and John W. Suttie,\* Volume 14, Number 8, April 22, 1975, pages 1595-1600.

The reference which is listed in the paper as: Nelsestuen, G. L., and Zytkevich, T. H. (1974), *J. Biol. Chem.* 249, 6347-6350, should have been Nelsestuen, G. L., Zytkevich, T. H., and Howard, J. B. (1974), *J. Biol. Chem.* 249, 6347-6350.

"Fusion of Fatty Acid Containing Lecithin Vesicles", by Howard L. Kantor and James H. Prestegard,\* Volume 14, Number 8, April 22, 1975, pages 1790-1795.

Both in the text and in the list of references, the citation Frank and Barton (1973) appeared. This publication was in fact authored by Frank K. Hui and Peter G. Barton and should therefore have appeared as Hui and Barton (1973).

"Interaction of Carbohydrate Binding Sites on Concanavalin A-Agarose with Receptors on Adipocytes Studied by Buoyant Density Method", by Howard M. Katzen\* and Denis D. Soderman, Volume 14, Number 11, June 3, 1975, pages 2293-2298.

Page 2298, the third sentence of the final paragraph of the Discussion should read: "The present findings that trypsin had no visible effect on the total binding capacity of these cells for Con A-Sepharose agree with the experimental results of Czech et al. (1974) who used the  $[^{125}\text{I}]\text{Con A}$  binding method".