

## CORRECTIONS

"Investigation of the Transfer of Amino Acid from a Transfer Ribonucleic Acid Synthetase-Aminoacyl Adenylate Complex to Transfer Ribonucleic Acid," by Emmett W. Eldred and Paul R. Schimmel, Volume 11, Number 1, January 4, 1972, page 17.

The tick marks on the abscissa of Figure 7 are incorrectly numbered; the corrected version appears as Figure 1a in Schimmel, P. R. (1973), *Acc. Chem. Res.* 6, 299.

"Conformational Parameters for Amino Acids in Helical,  $\beta$ -Sheet, and Random Coil Regions Calculated from Proteins," by Peter Y. Chou and Gerald D. Fasman,\* Volume 13, Number 2, January 15, 1974, page 211.

On page 220, Appendix: the second equality,  $\sum f_{j,k}/\sum_j$  (where  $\sum_j = 20$ ), in eq 4 was never used in the text and should be omitted. Equation 4 should read  $\langle f_k \rangle = \sum n_{j,k}/\sum n_j$ , where  $\langle f_k \rangle$  is the average frequency of residues in the helix,  $\beta$ -sheet, or coil state ( $k = \alpha, \beta$ , or  $c$ ) and computed in Table II.

"Catalysis by Chymotrypsinogen. Demonstration of an Acyl-Zymogen Intermediate," by Arie Gertler, Kenneth A. Walsh, and Hans Neurath,\* Volume 13, Number 6, March 12, 1974, page 1302.

In the abstract, lines 9-12 should read: The deacylation rate of the isolated acyl-zymogen is only 70 times lower than that of acyl-enzyme . . .

On page 1309, Table III, footnote *b* should read: "No data for the second-order rate constant for the reaction of chymotrypsin with NPGB are available, but the enzyme: zymogen ratio is probably similar to that for NPSA."

"Phase Transitions in Bilamellar Vesicles. Measurements by Pyrene Excimer Fluorescence and Effect on Transacylation by Lecithin:Cholesterol Acyltransferase," by Anne K. Soutar, Henry J. Pownall, Angela S. Hu, and Louis C. Smith,\* Volume 13, Number 14, July 2, 1974, page 2828.

The second sentence of the first new paragraph on page 2835 should read: The decrease in  $I_E/I_M$  at a given temperature with increasing cholesterol concentration reflects the decrease in the fluidity of the hydrocarbon region of DMPC vesicles caused by cholesterol.

"Calorimetric Studies of the Binding of Ligands to Aldolase," by Alvin L. Crowder III, Charles A. Swenson, and Robert Barker, Volume 12, Number 15, July 17, 1973, page 2852.

Page 2854, Table I, Column 6:  $3.3 \pm 0.8 \times 10^7$ ,  $1.1 \pm 0.3 \times 10^7$ ,  $2.9 \pm 0.8 \times 10^6$ ,  $3.3 \pm 0.7 \times 10^5$ ,  $4.0 \pm 0.3 \times 10^2$ .

"Kinetics of Transamidating Enzymes. Production of Thiol in the Reactions of Thiol Esters with Fibrinogenase," by C. G. Curtis, P. Stenberg, K. L. Brown, A. Baron, K.

Chen, A. Gray, I. Simpson, and L. Lorand,\* Volume 13, Number 16, July 30, 1974, page 3257.

On page 3260, left-hand column, third line from the bottom, the terminal slant should be replaced by a multiplication sign; the expression should read  $k^{\text{hyd}}_{\text{cat}} = k_2 k_3 / (k_2 + k_3)$ .

"Photoaffinity Labeling of the Combining Region of Myeloma Protein 460. II. An Interpretation of the Labeling Patterns," by Frank F. Richards,\* John Lifter, Choy-Leong Hew, Masanori Yoshioka, and William H. Konigsberg, Volume 13, Number 17, August 13, 1974, page 3572.

In Table II, ref *j*, the figure 83 should read 93.

"Galactose-1-phosphate Uridyltransferase: Rate Studies Confirming a Uridyl-Enzyme Intermediate on the Catalytic Pathway," by Lee-Jun Wong and Perry A. Frey,\* Volume 13, Number 19, September 10, 1974, page 3889.

On page 3893, in last paragraph of the Results section: line 3 from the top should read . . . production, which is 2.1 in Table II, and . . . ; line 6 from the bottom should read . . . by ATP is  $-1.9$  kcal/mol under . . .

"Kinetics and Electron Paramagnetic Resonance Spectra of Vanadyl(IV) Carboxypeptidase A," by Robert J. DeKoch, David J. West, James C. Cannon, and N. Dennis Chasteen,\* Volume 13, Number 21, October 8, 1974, page 4347.

The sentence starting on page 4352, left hand column, paragraph 3, line 8, should read: "Correspondingly,  $A_{\perp}$ " from the room temperature solution spectrum is larger, 69.0 G vs. 66.2 G, than from the frozen solution."

The sentence starting on page 4353, right-hand column, paragraph 3, line 3, should read: "A  $\pi$ -bonding group such as tyrosine *could* be involved; however, it alone cannot account for the small hyperfine splitting."

"Histidyl-tRNAs and Histidyl-tRNA Synthetases in Wild Type and Cytoplasmic Petite Mutants of *Saccharomyces cerevisiae*," by George Boguslawski, Michael H. Vodkin, David B. Finkelstein, and Gerald R. Fink,\* Volume 13, Number 22, October 22, 1974, page 4659.

In the abstract, the next to last sentence should read: "The mitochondrial enzyme has a 10-20-fold greater affinity for both cytoplasmic and mitochondrial tRNA<sup>His</sup>."

On page 4661, in the section "Preparation of Cytoplasmic Histidyl-tRNA Synthetase," the values of centrifugal forces employed do not match those shown in Figure 1. The values given in the figure are the correct ones. Thus, the text should read: "The homogenate . . . centrifugation at 6000g . . . was then . . . 20 min at 60,000g . . . The supernatant solution was then recentrifuged for 1 hr at 140,000g . . .