

## CORRECTIONS

Dynamic Structure of Biological Membranes As Probed by 1,6-Diphenyl-1,3,5-hexatriene: A Nanosecond Fluorescence Depolarization Study, by Kazuhiko Kinosita, Jr., Ryoichi Kataoka, Yoshiaki Kimura, Osamu Gotoh, and Akira Ikegami,\* Volume 20, Number 15, July 21, 1981, pages 4270-4277.

Page 4272. In footnote 2, the last sentence should read as follows: Values of  $D$  in the present study ranged between 1.0 and 0.9.

Page 4274. In Table I,  $\tau_s$  (the last column) for sarcoplasmic reticulum membrane at 35 °C should be 9.4 ns.

Binding Kinetics of Methyl  $\alpha$ -D-Mannopyranoside to Concanavalin A: Temperature-Jump Relaxation Study with 4-Methylumbelliferyl  $\alpha$ -D-Mannopyranoside as a Fluorescence Indicator Ligand, by Robert M. Clegg,\* Frank G. Loontjens, Anita Van Landschoot, and Thomas M. Jovin, Volume 20, Number 16, August 4, 1981, pages 4687-4692.

Page 4688. In the legend to Figure 2, line 7, 3.4  $\mu$ M Me-Manp should read 3.4  $\mu$ M MeUmb-Manp.

In Table I, column 4, row 2, the value 35 for MeUmb-(Manp)<sub>2</sub> should be 3.5.

Page 4689. In column 1, the sentence beginning on line 18 should read as follows: The reaction rate parameters for Me-Glcp as given in Table I (Brewer et al., 1974) predict the observed relaxation time ( $12 \pm 2$  ms) satisfactorily to be 15.7 ms, for 0.66 mM Me-Glcp.

Development of a Quantitative Assay for Tissue Levels of Dolichyl Phosphate, by R. Kennedy Keller,\* John W. Tamkun, and W. Lee Adair, Jr., Volume 20, Number 20, September 29, 1981, pages 5831-5836.

Page 5831. In the Abstract, line 13, subnanomolar range should read subnanomole range.

Page 5833. In the legend to Figure 2, line 6, chromatographed in solvent C should read chromatographed in solvent A.

Thermal Denaturation of *Streptomyces* Subtilisin Inhibitor, Subtilisin BPN', and the Inhibitor-Subtilisin Complex, by Katsutada Takahashi and Julian M. Sturtevant,\* Volume 20, Number 21, October 13, 1981, pages 6185-6190.

Page 6187. Equation 11 should read

$$(R/\beta) \ln (K/K_{1/2}) = A(1/T - 1/T_{1/2}) + B \ln (T/T_{1/2}) + C(T - T_{1/2}) \quad (11)$$

and eq 12 should read

$$\begin{aligned} -A &= \Delta h_0 - 273.15(C - A) + \frac{1}{2}(273.15)^2(D - B) \\ B &= (C - A) - 273.15(D - B) \\ C &= \frac{1}{2}(D - B) \end{aligned} \quad (12)$$

Purification and Properties of Poly(ADP-ribose) Polymerase from Lamb Thymus, by Shirley J. Petzold, Barbara A. Booth, George A. Leimbach, and Nathan A. Berger,\* Volume 20, Number 25, December 8, 1981, pages 7075-7081.

Page 7075. In the Abstract, line 7, phenylmethanesulfonyl fluoride should read *p*-(chloromercuri)benzoate.

Influence of Charge on the Rate of Amide Proton Exchange, by Peter S. Kim and Robert L. Baldwin,\* Volume 21, Number 1, January 5, 1982, pages 1-5.

Page 5. In column 1, line 15, the sentences should read as follows: We then assume that the local pH determines the rate of amide proton exchange. Similar assumptions have been made previously (Coleman & Willumsen, 1969; Ikegami & Kono, 1967; Kakuda et al., 1971; Kakuda & Mueller, 1975).

In column 2 the following references should be included: Kakuda, Y., Perry, N., & Mueller, D. D. (1971) *J. Am. Chem. Soc.* 93, 5992-5998; Kakuda, Y., & Mueller, D. D. (1975) *Arch. Biochem. Biophys.* 171, 586-596.

<sup>31</sup>P Nuclear Magnetic Resonance of Phosphonic Acid Analogues of Adenosine Nucleotides as Functions of pH and Magnesium Ion Concentration, by Louis H. Schliselfeld, C. Tyler Burt,\* and Richard J. Labotka, Volume 21, Number 2, January 19, 1982, pages 317-320.

Page 318. In column 1, bottom line, App(CH<sub>2</sub>)p should read Ap(CH<sub>2</sub>)pp.

Stereochemistry and Deuterium Isotope Effects in Camphor Hydroxylation by the Cytochrome P450<sub>cam</sub> Monooxygenase System, by Michael H. Gelb, David C. Heimbrook, Pentti Mätkönen, and Stephen G. Sligar,\* Volume 21, Number 2, January 19, 1982, pages 370-377.

Page 374. The equations for the correction of incomplete labeling of substrate should be, in the absence of an intermolecular isotope effect

$$A = \frac{aK + cL}{a(1 - K) + c(1 - L) + b}$$

$$B = \frac{dK + fL}{d(1 - K) + f(1 - L) + e}$$

where

$$K = \frac{k_{H^{endo}}}{k_{H^{endo}} + k_{D^{exo}}} \quad L = \frac{k_{H^{exo}}}{k_{H^{exo}} + k_{D^{endo}}}$$

and

$$I_{exo} = \left( \frac{K}{1 - K} \right) G \quad I_{endo} = \left( \frac{L}{1 - L} \right) \frac{1}{G}$$

None of the conclusions in the paper are affected.

High Molecular Weight Kininogen or Its Light Chain Protects Human Plasma Kallikrein from Inactivation by Plasma Protease Inhibitors, by Marc Schapira, Cheryl F. Scott, Ann James, Lee D. Silver, Friedrich Kueppers, Harold L. James, and Robert W. Colman,\* Volume 21, Number 3, February 2, 1982, pages 567-572.

Page 569. In Table I, for C<sub>I</sub> inhibitor, the values 62 and 0.015 should be deleted.

Page 570. In eq 2,  $k_i$  should be  $K_i$ . In eq 3,  $k_i$  should be  $K_i$ .