

Correction. In the article "Interactions of low density lipoprotein receptors with coated pits on human fibroblasts: Estimate of the forward rate constant and comparison with the diffusion limit" by Byron Goldstein, Carla Wofsy, and George Bell, which appeared in number 9, September 1981, of *Proc. Natl. Acad. Sci. USA* (78, 5695-5698), the authors request that the following corrections be noted.

In this paper, a calculation was presented of t_{dc} , a mean capture time for those low density lipoprotein (LDL) receptors trapped by a coated pit during the lifetime of the coated pit. However, the appropriate mean capture time for this problem must also take into account LDL receptors that are not captured during any single lifetime of a coated pit. When this is done, the mean capture time becomes

$$t_{dc} = \frac{1-f}{\lambda[f + (s^2/b^2)(1-f)]},$$

where f is the fraction of LDL receptors trapped during the lifetime of a coated pit. The fraction f is given by the expression

$$f = \frac{2}{\pi(b^2 - s^2)} \int_s^b rv(r)dr = \frac{2a\Sigma_1}{(b^2 - s^2)\alpha\Delta_{10}},$$

where $\alpha = \sqrt{\lambda/D}$ and $v(r)$, Σ_1 , and Δ_{10} are given in the *Appendix* of the paper.

Fig. 2 is in error in the paper and should be as shown below.

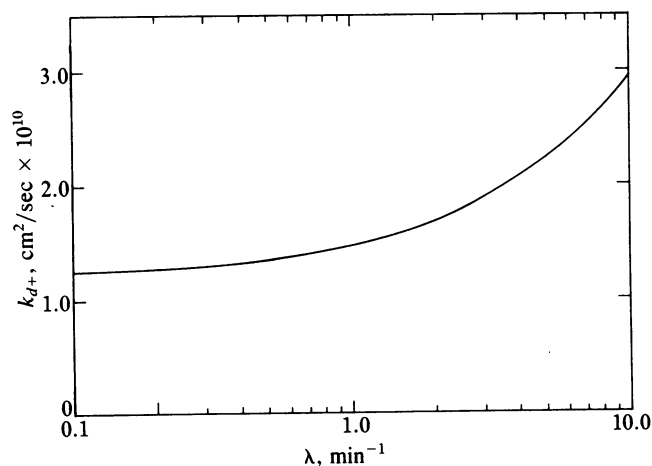


FIG. 2. Effect of the coated-pit lifetime on the diffusion-limited forward rate constant. k_{d+} , diffusion limit of the forward rate constant for the trapping of the LDL receptor by a coated pit; λ , rate constant for the loss of coated pits from the cell surface; $1/\lambda$, mean lifetime of the coated pit. $\lambda = 0$ corresponds to an infinitely long-lived coated pit. k_{d+} was calculated from Eq. A-1 of the *Appendix* for the following parameter values: $D = 3.0 \times 10^{-11} \text{ cm}^2/\text{sec}$, $P_{4^{\circ}\text{C}} = 0.58/\mu\text{m}^2$, $A_{4^{\circ}\text{C}} = 0.02$, and $r = 0.53$. P and A at 37°C were obtained by taking $P = rP_{4^{\circ}\text{C}}$ and $A = rA_{4^{\circ}\text{C}}$.

The major conclusions of the paper are unchanged by these corrections.

Correction. In the article "Specific binding of a cellular DNA replication protein to the origin of replication of adenovirus DNA" by Kyosuke Nagata, Ronald A. Guggenheimer, and Jerard Hurwitz, which appeared in number 20, October 1983, of *Proc. Natl. Acad. Sci. USA* (80, 6177-6181), the authors request that some numbers about nucleotide base pairs be changed as follows. In Fig. 1, 6898 should be replaced with 5818; in Fig. 2, 5068 should be replaced with 4093. On p. 6178, right-hand column, line 22, 5519 should be replaced with 4544. On p. 6179, left-hand column, line 1, 2497 should be replaced with 2479; line 2, 6898 should be replaced with 5818.

Correction. In the article "Renal mineralocorticoid receptors and hippocampal corticosterone-binding species have identical intrinsic steroid specificity" by Zygmunt S. Krozowski and John W. Funder, which appeared in number 19, October 1983, of *Proc. Natl. Acad. Sci. USA* (80, 6056-6060), the following correction should be noted. On p. 6056, in line 8 of the *Abstract*, [^3H]Dex should read [^3H]corticosterone.