Correction. In the article “Mapping of the gene encoding the β-amyloid precursor protein and its relationship to the Down syndrome region of chromosome 21” by David Patterson, Kathleen Gardiner, Fa-Ten Kao, Rudolph Tanzi, Paul Watkins, and James F. Gusella, which appeared in number 21, November 1988, of Proc. Natl. Acad. Sci. USA (85, 8266–8270), the authors request that the following correction be noted. Our conclusion that the APP gene maps very near the 21q21/21q22 border is consistent with the mapping by in situ hybridization to the interface of these two chromosomal bands as reported by Blanquet et al. (1, 2) and reported in an abstract by Zabel et al. (3). Unfortunately, we were not familiar with this material. Nevertheless, the situation as it stood before our publication involved the mapping of the APP gene by in situ hybridization to two different locations on chromosome 21, one of which would have excluded it from the region of the chromosome pathogenic for Down syndrome. In situ hybridization has, in other important cases, led to incorrect mapping of genes. Therefore, other approaches were required. Our paper presents mapping by other, more reliable methods. In addition, our in situ hybridization was confirmed using a completely different and unrelated DNA probe that we had linked physically to the APP locus by using transverse alternating field electrophoresis, so that we have further independent confirmation of our mapping.


Correction. In the article “Lysolecithins as endothelium-dependent vascular smooth muscle relaxants that differ from endothelium-derived relaxing factor (nitric oxide)” by Takashi Saito, Andreas Wolf, Nirmala K. Menon, Maythem Saeed, and Richard J. Bing, which appeared in number 21, November 1988, of Proc. Natl. Acad. Sci. USA (85, 8246–8250), the authors regret the omission of Christiane Alves (Huntington Medical Research Institutes) from the author list. Dr. Alves’ name should be inserted in the fifth position.