

Medical Sciences. In the article "A synthetic retinoid antagonist inhibits the human immunodeficiency virus type 1 promoter" by Mi-Ock Lee, Peter D. Hobbs, Xiao-kun Zhang, Marcia I. Dawson, and Magnus Pfahl, which appeared in number 12, June 7, 1994, of *Proc. Natl. Acad. Sci. USA* (91, 5632–5636), the preparation of the retinoid 4-[1-(1-methoxy-2,2,2-trifluoroethyl)-5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-3-anthracenyl]benzoic acid (SR11335) given on p. 5632 should be corrected to include the step describing the reduction of the 1-trifluoroacetyl group on the tetrahydroanthracenyl ring to a 1-(1-hydroxy-2,2,2-trifluoroethyl) group, and the description of the ^1H NMR spectrum of SR11335 should be revised to indicate that the signal at 5.34 ppm is for a single proton. The correct synthetic procedure is as follows: 4-[1-(1-Methoxy-2,2,2-trifluoroethyl)-5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-3-anthracenyl]benzoic acid (SR11335) was prepared by acylation of ethyl 4-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-anthracenyl)benzoate (20) with CF_3COCl in $(\text{CH}_2\text{Cl})_2$ using AlCl_3 as the catalyst and then reduction with NaBH_4 in ethanol to give ethyl 4-[1-(1-hydroxy-2,2,2-trifluoroethyl)-5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-3-anthracenyl]benzoate, followed by methylation of the trifluoromethylcarbinol group with MeI and K_2CO_3 at reflux to give the methyl ether and base hydrolysis of the ethyl ester using aqueous KOH in ethanol at 80°C for 1 h. Acidification produced SR11335 in 12% overall yield as white crystals: mp $286\text{--}288^\circ\text{C}$; IR (KBr) $3500\text{--}2350$, 1688 , 1608 , 1426 , 1296 , 1170 , 1140 , 909 , 851 , 773 , 702 , 668 cm^{-1} ; $300\text{ MHz } ^1\text{H NMR}$ (C^2HCl_3 , δ) 1.43 (m, 12, $5,5,8,8\text{-CH}_3$), 1.81 (s, 4, $6,7\text{-CH}_2$), 3.51 (s, 3, OCH_3), 5.34 (q, $J = 6.6\text{ Hz}$, 1, HCCF_3), 7.84 (d, $J = 8.5\text{ Hz}$, 2, ArH meta to CO_2H), 7.90 (m, 1, ArH), 7.92 (s, 1, ArH), 8.10 (m, 2, ArH), 8.23 (d, $J = 8.5\text{ Hz}$, 2, ArH ortho to CO_2H).

Agricultural Sciences. In the article "Milk composition and lactation of β -casein-deficient mice," by Satish Kumar, Alan R. Clarke, Martin L. Hooper, David S. Horne, Andrew J. R. Law, Jeffrey Leaver, Anthea Springbett, Elizabeth Stevenson, and J. Paul Simons, which appeared in number 13, June 21, 1994, of *Proc. Natl. Acad. Sci. USA* (91, 6138–6142), the authors request that the following correction be noted. E14 embryonic stem cell line was incorrectly defined in the journal as embryonic day-14 stem cell; derivation of E14 embryonic stem cell line is as referenced in the article.

Cell Biology. In the article "Identification and overlapping expression of multiple unconventional myosin genes in vertebrate cell types" by William M. Bement, Tama Hasson, Joel A. Wirth, Richard E. Cheney, and Mark S. Mooseker, which appeared in number 14, July 5, 1994, of *Proc. Natl. Acad. Sci. USA* (91, 6549–6553), the following correction should be noted. On p. 6549, right column, lines 21 and 22, the nucleotide sequence of the second PCR primer ("EAF-A") was missing six bases. The correct sequence of this primer is $\text{GT}(\text{C}/\text{T})\text{TTTGC}(\text{G}/\text{A})\text{TTTCC}(\text{G}/\text{A})\text{AAIGC}(\text{C}/\text{T})\text{TC}$.