

Correction. The title of the article "Primary structure of the (1→3,1→4)-β-D-glucan 4-glucohydrolase from barley aleurone" by Geoffrey B. Fincher, Peter A. Lock, Margaret M. Morgan, Klaus Lingelbach, Richard E. H. Wettenhall, Julian F. B. Mercer, Anders Brandt, and Karl Kristian Thomsen, which appeared in number 7, April 1986, of *Proc. Natl. Acad. Sci. USA* (83, 2081–2085), is incorrect because of an editorial error. The enzyme is a glucanohydrolase, not a glucohydrolase.

Correction. In the article "Human tumor cells synthesize an endothelial cell growth factor that is structurally related to basic fibroblast growth factor" by Michael Klagsbrun, Joachim Sasse, Robert Sullivan, and John A. Smith, which

Retraction. In the article "Nonrandom association of a type II procollagen genotype with achondroplasia" by Charis E. L. Eng, Richard M. Pauli, and Charles M. Strom, which appeared in number 16, August 1985, of *Proc. Natl. Acad. Sci. USA* (82, 5465–5469), Figs. 1–3, which were generated in the laboratory of C. Strom and C. Eng, were improperly assembled and therefore cannot be used to support the conclusions of the article. In consequence, the article must be withdrawn.

appeared in number 8, April 1986, of *Proc. Natl. Acad. Sci. USA* (83, 2448–2452), a printer's error resulted in displacement of the gels in Fig. 1 on p. 2450. The correct figure and its legend are shown below.

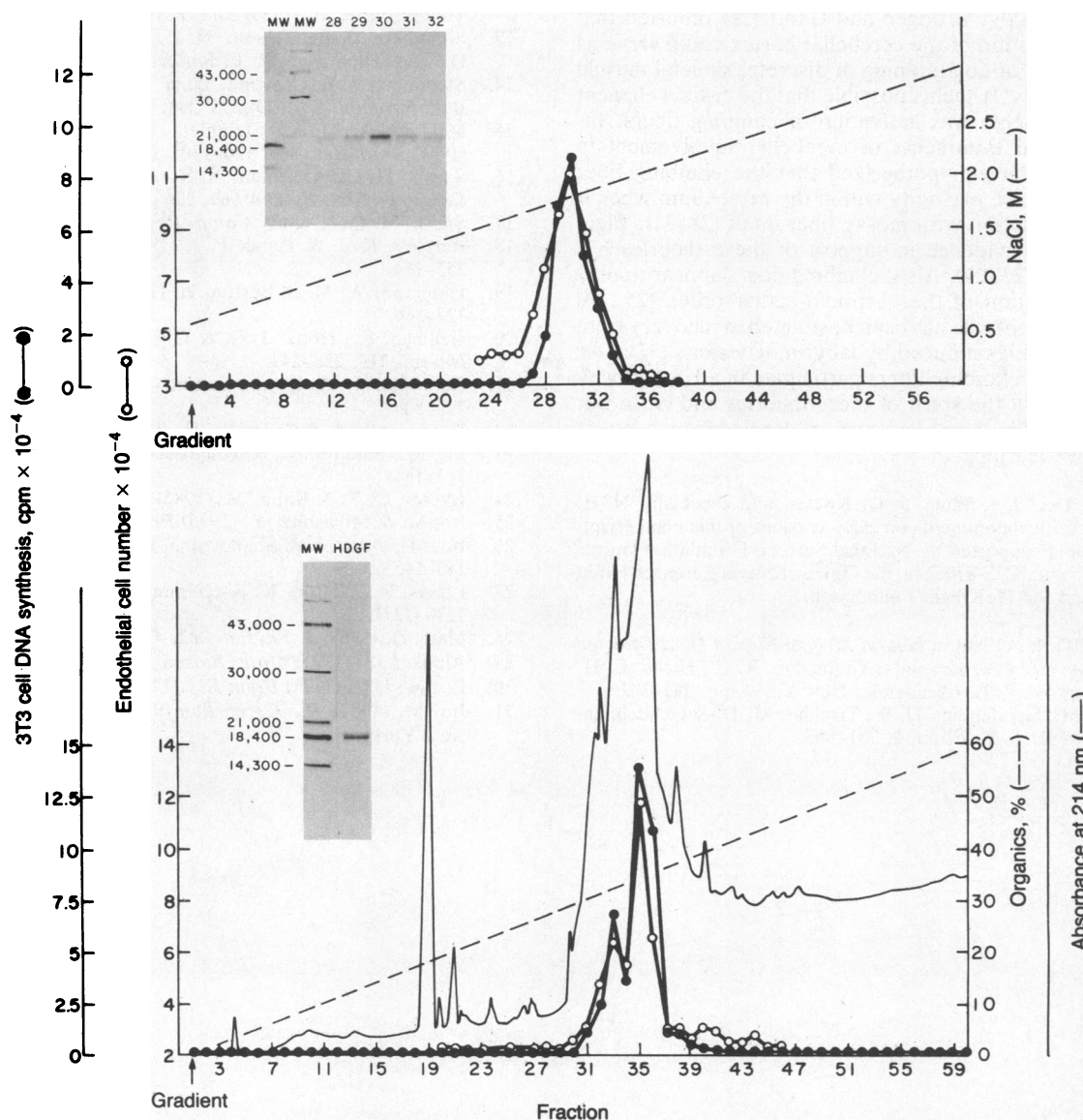


FIG. 1. Purification of HDGF. Purification by column chromatography was monitored by two assays: stimulation of DNA synthesis in 3T3 cells (●) and stimulation of the proliferation of capillary endothelial cells (○). (*Upper*) Extracts of SK-HEP-1 cells (about 5×10^{10} cells, 4×10^6 units) were mixed with Bio-Rex 70 and growth factor was eluted with 0.6 M NaCl. Active fractions (1.5×10^6 units) were applied directly to a column of heparin-Sepharose and growth factor was eluted with a gradient of 0.6–3.0 M NaCl. (*Inset*) Each of the active fractions (28–32) was dialyzed against distilled water, lyophilized, and analyzed by NaDodSO₄/PAGE (MW, molecular weight markers). (*Lower*) The remainders of fractions 28–31 (400,000 units) were pooled and applied to an HPLC C3 reverse-phase column. Growth factor was eluted with a 0–60% linear gradient of acetonitrile/2-propanol (50:50, vol/vol) in 0.1% trifluoroacetic acid. (*Inset*) Fractions 32–37 were analyzed by NaDodSO₄/PAGE. Each fraction displayed the electrophoretic pattern shown.