

ERRATA

Volume 99, Number 2, March 31, 1981

In "Distinctive Characteristics of Protein Synthesis in Maize Embryos during the Early Stages of Germination," by E. Sanchez de Jimenez, R. Aguilar, and S. Lopez, pages 445-450, only part of Fig. 2 was given on page 449. For the readers' convenience, the complete Fig 2 is reproduced here.

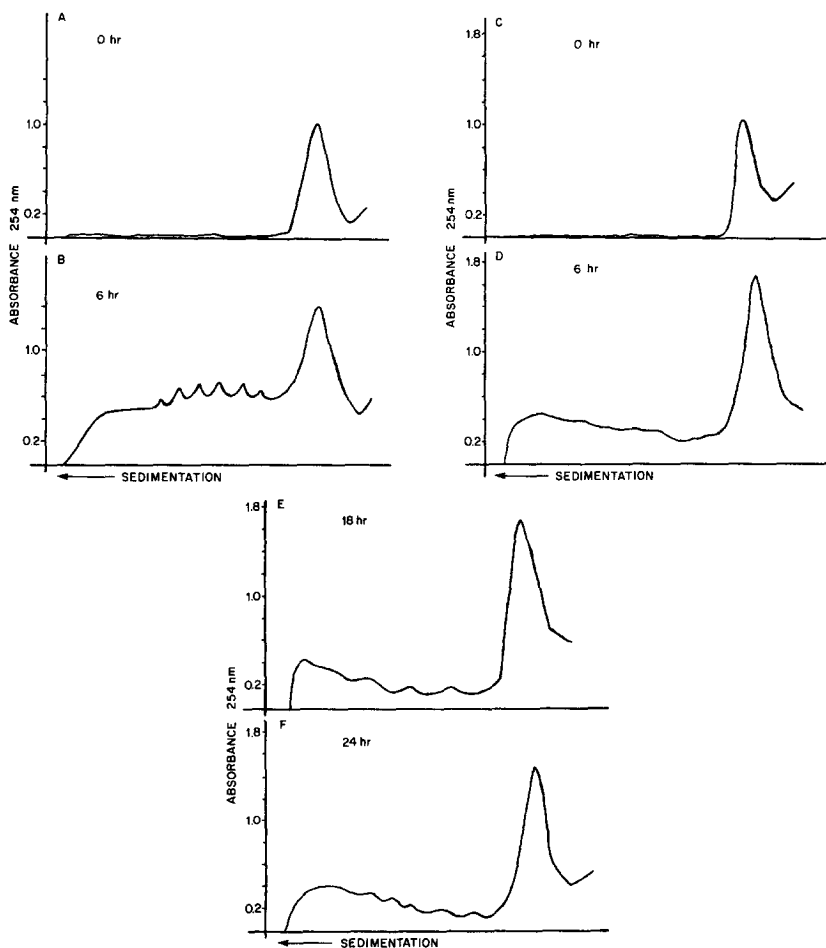


FIGURE 2

Sucrose gradient sedimentation of polyribosomes.- Approximately 6 A₂₆₀ units of polyribosomes extracted from either maize axes or wheat embryos (200 mg) were sedimented on 12.5 to 50% linear sucrose gradient, and monitored at 254 nm in a LKB 8300 Uvicord II with a Beckman recorder 10". Different times of incubation were applied to the samples as follows: A-Wheat 0 h, B-Wheat 6 h, C-maize 0 h, D-maize 6 h, E-maize 18 h, F-maize 24 h.

Volume 100, Number 3, June 16, 1981

In "Stereoselectivity of Rat Liver Cytochrome P-450_C on Formation of Benzo[a]pyrene 4,5-Oxide," by Richard N. Armstrong, Wayne Levin, Dene E. Ryan, Paul E. Thomas, He Duck Mah, and Donald M. Jerina, pages 1077-1084, on page 1081, in the legend to Scheme II, the name of the positional isomer should read "(4S,5S)-5-glutathionyl-4-hydroxy-4,5-dihydrobenzo[a]pyrene (isomer 1A)" instead of "(4R,5R)-4-glutathionyl-5-hydroxy-4,5-dihydrobenzo[a]pyrene (isomer 2A)."

Volume 100, Number 4, June 30, 1981

In "Neonatal Hypothyroidism--A Biochemical Disorder of α -Tubulin Metabolism," by J. Lakshmanan, H. Mansfield, M. E. Weichsel, Jr., S. Hoath, S. Scott, P. Shapshak, and D. A. Fisher, pages 1587-1596, in Table 1 (page 1591) the T3 units should read "ng/dl" instead of " μ g/dl." The T3 value for Euthyroid should be " 24.0 ± 3.0 " instead of " 42.0 ± 3.0 ." For the readers' convenience, the corrected table is printed here.

TABLE 1

Treatment	Body Weight(g)	Brain Weight(mg)	T4	T3	TTL Activity CPM/mg Protein	
			μ g/dl	ng/dl	Endogenous Activity	Total Activity
Euthyroid	$3.22 \pm .122$	172 ± 5.4	1.16 ± 0.12	24.0 ± 3.0	17800 ± 400	22000 ± 200
Hypothyroid	$2.56 \pm .125$	137 ± 3.8	< 0.5	< 19.0	8300 ± 300	13000 ± 200
	$p < 0.01$	$p < 0.001$	---	---	$p < 0.001$	$p < 0.001$

Effect of neonatal hypothyroidism on the endogenous and total tubulin-tyrosine ligase (TTL) activities: Hypothyroidism was induced by combined treatment with PTU and methimazole. The mice were sacrificed on day 5 of postnatal age. The results typify the findings of three groups, each group consisting of three litters. T4 and T3 measurements were made in pooled sera. The values are mean \pm SD of three groups. The TTL activities were measured using mouse brain supernatants with similar protein concentrations from euthyroid and hypothyroid animals. The values are the mean \pm SD of quadruplicate measurements of three groups.