

Additions and Corrections

Vol. 260 (1985) 1796–1803

Interaction of French-pressed liposomes with isolated bovine adrenal chromaffin cells. Characterization of the cell-liposome interactions.

Peter I. Lelkes and Jonathan E. Friedman

Page 1802, next to last paragraph: The terms “liposomes” and “liters” have been reversed. The corrected sentence should read:

For our standard conditions then, this would mean that out of the $\sim 4 \times 10^5$ liposomes adsorbed to each cell $\sim 1.25 \times 10^5$ liposomes will transfer their contents within 1 h, resulting in the delivery of $\sim 5 \times 10^{-15}$ liters into the cytoplasm of each cell. The free cytoplasmic volume of chromaffin cells is $\sim 7.5 \times 10^{-13}$ liters, assuming a spherical cell of 7- μ m radius with 50% of its internal volume being occupied by the nucleus and the intracellular organelles.

Vol. 260 (1985) 2912–2921

Discrimination of Na⁺-independent transport systems L, T, and asc in erythrocytes.

Jaydutt V. Vadgama and Halvor N. Christensen

Page 2912, the abbreviation ASC in the title should have been lower case: asc.

Page 2912, second paragraph of the summary, first line: The term “Na⁺-dependent” should be “Na⁺-independent.” The corrected sentence should read:

The new Na⁺-independent transport system appears to be a species variant of quite similar Na⁺-independent systems discovered by Young *et al.*...

Vol. 259 (1984) 8304–8309

Primary structure of human α_2 -macroglobulin. II. Primary structure of eight CNBr fragments located in the NH₂-terminal half of α_2 -macroglobulin, accounting for 603 amino acid residues.

Lars Sottrup-Jensen, Peter B. Lønblad, Claire M. Jones, and Terrence M. Stepanik

The sequence of CB11 (Fig. 7) is incorrect. A redetermination of the sequence of peptide TR18 from CB11 shows a Cys residue in position 43 of CB11 and not a Glu residue as given in the figure.

Vol. 259 (1984) 8318–8327

Primary structure of human α_2 -macroglobulin. V. The complete structure.

Lars Sottrup-Jensen, Terrence M. Stepanik, Torsten Kristensen, Diane M. Wierzbicki, Claire M. Jones, Peter B. Lønblad, Staffan Magnusson, and Torben E. Petersen

The realization that the $M_r = 180,000$ subunit of α_2 -macroglobulin contains a Cys residue instead of a Glu residue at position 540 (Fig. 3) questions the disulfide bridge pattern shown in Figs. 1 and 2. No disulfide-bridged peptides containing Cys-447 and Cys-540 have yet been localized in the column effluents. It was argued previously, on the basis of indirect evidence, that Cys-447 could form a single interchain bridge joining two subunits. The presence of Cys-540, however, suggests that the half-molecule of α_2 -macroglobulin must contain two inter-disulfide bridges, or a multiple hereof.

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