The nomenclature of lipids

IUPAC-IUB COMMISSION ON BIOCHEMICAL NOMENCLATURE

Volume 105 (1967)

p. 900, column 2, line 10: for alkenyl read alk-1'-enyl

p. 900, column 2, after line 12: add new paragraph:
Comment. If the term alk-1' enyl has to be used repeatedly it may be shortened to alkenyl if an author has stated that he is using alkenyl in this restricted sense.

p. 901, column 2, line 14: for 1-alkenyl-2-acyl-sn-glycero-phosphoric ester read 1-alk-1'-enyl-2-acyl-sn-glycero-phosphoric ester

p. 901, column 1, line 5: after as insert the principal chains of

p. 901, column 1, lines 40-43: sentence to read Names of unsaturated compounds are derived from the names of the corresponding saturated compounds by replacing the ending 'ane' with the appropriate ending denoting unsaturation such as 'ene', 'adiene', 'yne'.


p. 902, column 1, lines 21-23: sentence to read The positions of the double bonds of, for example, linoleic acid and similar acids may be given as (n-9) and (n-6), but not ω9, ω6 (— is a minus sign)

The effect of magnesium ion deprivation on the synthesis of mucopeptide and its precursors in Bacillus subtilis

By A. J. Garrett

Volume 115 (1969)

p. 420, column 1, ll. 13-22 of the Materials and Methods section should read:

A casein hydrolysate-yeast extract medium (Novick, 1963) was used for the growth of B. subtilis W23. The composition of the medium was as follows: caseamino acids (Difco), 0-5%; yeast extract (Difco), 0-5%; sodium β-glucero-phosphate, 60mm; MgSO4,1 mm; trace-metals stock solution, 0-02ml/l. The trace-metals stock solution contained: CuSO4,5H2O, 0-5% (w/v); ZnSO4,7H2O, 6-5% (w/v); FeSO4,7H2O, 0-5% (w/v); MnCl2.4H2O, 0-2% (w/v); conc. HCl, 10% (v/v). The medium was sterilized by autoclaving at 115°C for 25 min and supplemented with 3-3mM-MgSO4 and either 0-5% or 1% (w/v) of glucose for germination of the spores and growth of the organism. Complete medium (50ml)

p. 430, column 2, between ll. 20 and 21 insert:

Structural studies on colanic acid, the common exopolysaccharide found in the Enterobacteriaceae, by partial acid hydrolysis. Oligosaccharides from colanic acid

By I. W. Sutherland

Volume 116 (1969)

p. 935: The structure given in the synopsis should be:

Pyruvate
\[ \downarrow \]
β-Gal \[ \rightarrow \] β-GluUA \[ \rightarrow \] β-Gal
\[ \downarrow \]
α-Fuc \[ \rightarrow \] β-Glc \[ \rightarrow \] Fuc \[ \rightarrow \] Fuc
\[ \uparrow \]
Acetyl

Studies on ribonucleic acid and homopolyribonucleotide formation in neuronal, glial and liver nuclei

By T. Kato and M. Kurokawa

Volume 116 (1970)

p. 618, column 1, l. 14 up: for 2mM-Mg^{2+} read 2mM-Mn^{2+}