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THE BIOCHEMICAL JOURNAL

Edited for
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FORTHCOMING PAPERS

It is hoped to publish the following papers in the next issue of the *Biochemical Journal*:

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The isolation with cytidine diphosphate glycerol, cytidine diphosphate ribitol and mannitol 1-phosphate from *Lactobacillus arabinosus*. By J. BADDILEY, J. G. BUCHANAN, B. CARSS, A. P. MATHIAS and A. R. SANDERSON

Thermodynamic quantities for the dissociation equilibria of biologically important compounds. 6. The dissociation of calcium glucose 1-phosphate. By H. B. CLARKE and S. P. DATTA

An ion-exchange reagent for use in the chromatography of large peptides. By J. FEITELSON and S. M. PARTRIDGE

The biosynthesis of ergothioneine and histidine by *Claviceps purpurea*. 1. The incorporation of [2-¹⁴C]acetate. By H. HEATH and JENNIFER WILDY

Separation and characterization of urinary indoles resembling 5-hydroxytryptamine and tryptamine. By R. RODNIGHT

The prosthetic group of cytochrome *a₃*. By J. BARRETT

Non-enzymic browning: the reaction between D-glucose and glycine in the 'dry' state. By E. L. RICHARDS

Effects of thyroid hormones *in vitro* on tissue respiration, oxidative phosphorylation and the swelling of mitochondria. By F. DICKENS and DORRIT SALMONY

The sulphatase of ox liver. 5. Sulphatase *C*. By A. B. ROY

A micro method for the separation and determination of polysaccharides by zone electrophoresis. By K. W. FULLER and D. H. NORTHCOTE

Helicorubin and cytochrome *h*. Purification and physical properties. By JOAN KEILIN

Toxic liver injury. The metabolism of dimethylnitrosamine. By P. N. MAGEE

The activity for chicks of some vitamin B₁₂-like compounds. By M. E. COATES, M. K. DAVIES, R. DAWSON, G. F. HARRISON, E. S. HOLDSWORTH, S. K. KON and J. W. G. PORTER

Enzymic and chemical properties of cytoplasmic particles from wheat roots. By E. M. MARTIN and R. K. MORTON

Uridine diphosphate glucuronic acid as glucuronyl donor in the synthesis of 'ester', aliphatic and steroid glucuronides. By G. J. DUTTON

Purification of bradykinin by ion-exchange chromatography. By SYLVIA O. ANDRADE and M. ROCHA E. SILVA

Nitrogen metabolism in the sheep. Protein digestion in the rumen. By E. F. ANNISON

Acidic peptides of the lens. By S. G. WALEY

The metabolism of propionic acid. By A. T. JAMES, G. PEETERS and M. LAURYSSENS

Hormones and liver cytoplasm:

2. Adenosine triphosphatase, glucose 6-phosphatase and xanthine oxidase as affected by hypophysectomy, growth-hormone treatment and adrenalectomy. By E. REID, MARGERY A. O'NEAL and I. LEWIN

3. Succinic dehydrogenase, nucleases and 'polymerized' ribonucleic acid as affected by hypophysectomy, growth-hormone treatment and adrenalectomy. By BARBARA M. STEVENS and E. REID

Studies on ali-esterases. 4. Differentiation of esterases in pancreas and brain by the use of organophosphorus inhibitors. By D. K. MYERS

Nucleotides of human blood platelets. By P. FANTL and H. A. WARD

Movements of water and ions in mitochondria. By C. A. PRICE, A. FONNESU and R. E. DAVIES

The prevention of swelling of liver mitochondria *in vitro*. By A. FONNESU and R. E. DAVIES

The metabolism of butylated hydroxyanisole in the rabbit. By J. C. DACRE, F. A. DENZ and T. H. KENNEDY

Nomenclature of enzymes of fatty acid metabolism.

THE BIOCHEMICAL JOURNAL

NOTES FOR CONTRIBUTORS

Papers submitted for publication in the *Biochemical Journal* should be written concisely. Special attention is directed to the sections below concerning the preparation of the typescript. Strict observance of these requirements will shorten the interval between the receipt of a paper and its publication. Typescripts which are not concise or which do not conform to the conventions of the *Biochemical Journal* will be returned to authors for revision.

The attention of authors is drawn to a pamphlet entitled *General Notes on the Preparation of Scientific Papers* published by the Royal Society (2s. 6d., post free 2s. 9d.).

A detailed list of *Suggestions to Authors, Abbreviations and Symbols, and Notes on Usage and Conventions* applicable to the *Biochemical Journal* was published in August 1953 (*Biochem. J.* 1953, 55, 1). *Notes on Preparation of Illustrations for the Biochemical Journal* was published in January 1956 (*Biochem. J.* 1956, 62). Copies of these pamphlets may be obtained from the Editorial Office (*Biochemical Journal*), The Lister Institute, Chelsea Bridge Road, London, S.W. 1, price 1s. each post free.

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It would greatly facilitate the editors' task and thus be to the advantage of the author if, when submitting a paper which is part of a series, the author were to enclose reprints of the preceding immediately relevant parts.

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The onus of preparing a paper in a form suitable for sending to press lies in the first place with the author. Authors should consult a current issue in order to make themselves familiar with the practice of the *Biochemical Journal* concerning typographical conventions, use of cross-headings, layout of tables, citation of references, etc. The need for editorial revision of badly prepared typescripts will lead to delay in publication for which the Editors cannot accept responsibility. Papers on specialized subjects should be presented so that they are intelligible to the ordinary reader of the *Journal*. Sufficient information should be included to permit repetition of the experimental work.

Papers intended for publication should be in double-spaced typing on sheets of uniform size with wide margins. Top copies only should be submitted. The paper should be written in English.

Generally speaking, papers should be divided clearly into parts and, in most cases, these should be as follows: (a) Introduction, containing the reasons for doing the work; (b) Experimental methods: with chemical papers the experimental part will normally appear towards the end, but otherwise should follow the introduction; (c) Results; these should be given concisely: tables or figures are often the best form, but the use of both to illustrate the same data will only rarely be permitted; illustrative protocols only should be included; (d) Discussion: it is desirable that the presentation of the results and the discussion of their significance should be considered separately; (e) Summary: a summary, about 3% of the length of paper, should be included; the paragraphs of the summary should be numbered; (f) Acknowledgements; (g) References.

The *Biochemical Journal* uses as a standard for spelling the *Concise Oxford Dictionary of Current English* (1951, Oxford, Clarendon Press).

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