

Parasitology



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PARASITOLOGY

(FOUNDED BY G. H. F. NUTTALL)

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PARASITOLOGY

INSTRUCTIONS TO AUTHORS

Manuscripts must be written in English and sent to the Editors, *Parasitology*, The Molteno Institute, Downing Street, Cambridge CB2 3EE, U.K. The original manuscript and one copy should be submitted.

Submission of a manuscript implies that it has been approved by the named authors, that it reports their unpublished work and that it is not being considered for publication elsewhere.

1 *Style*. Manuscripts must be typewritten in double spacing and all pages should be numbered consecutively. Although 'short communications' in the form of preliminary notes are not accepted there is no lower limit on manuscript size, provided that sufficient experimental details are given. Authors should, as far as possible, adhere to the following format:

- (a) *Title-page*, headed by a concise but informative full title (a running title of not more than 44 letters should also be supplied), name(s) of author(s) and address of the institute where the work was carried out. (Footnotes indicating present address may be included on the title-page.)
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- (g) *Acknowledgements*.
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ROGERS, W. P. (1962). *The Nature of Parasitism*. New York and London: Academic Press.

HONIGBERG, B. M. (1967). Chemistry of parasitism among some protozoa. In *Chemical Zoology*, vol. 1 (ed. M. Florkin, B. T. Scheer and G. W. Kidder), pp. 695–814. New York and London: Academic Press.

2 *Animals and organisms*. The full binomial Latin name (underlined) should be given for all experimental animals except common laboratory animals and where possible the strain and source should be stated. Authors should follow the *International Rules of Nomenclature for organisms* and when new names are introduced the recommendations of the *International Code of Zoological Nomenclature* should be followed.

- 3 *Solutions.* Concentrations should be expressed in terms of molarity (M) not normality (N) and fractional concentrations should be given as 0.1 M/HCl not as M/10 HCl. Concentrations given as % must be defined as w/w, w/v or v/v. The complete composition of buffer systems should be given at the first mention. The names and addresses of manufacturers of special apparatus or materials should be stated. The EC numbers of enzymes should be given and nomenclature should follow the system published in the *Report on the Commission on Enzymes of the International Union of Biochemistry*.
- 4 *Symbols for physical units.* Recommended SI symbols for units should be used; for example, see the list of commonly used preferred units below. For precise definitions of SI units authors should refer to *Units, Symbols and Abbreviations: A Guide for Biological and Medical Editors and Authors*; obtainable from the Royal Society of Medicine, 1 Wimpole Street, London W1M 8AE.

<i>Basic SI units</i>		<i>Prefixes for SI units</i>					
		Factor	Prefix	Symbol	Factor	Prefix	Symbol
Metre	m						
Kilogram	kg	10 ⁻¹	deci	d	10 ¹	deca	da
Second	sec	10 ⁻²	centi	c	10 ²	hecto	h
Ampere	A	10 ⁻³	milli	m	10 ³	kilo	k
Mole	mole	10 ⁻⁶	micro	μ	10 ⁶	mega	M
		10 ⁻⁹	nano	n	10 ⁹	giga	G
		10 ⁻¹²	pico	p	10 ¹²	tera	T
<i>Length (metre)</i>			<i>Weight (kg)</i>				
			μm			μg	
			mm			mg	
			cm			g	
			millimicron (10 ⁻⁹ m) = nm not mμ				
<i>Volume (litre)</i>			<i>Temperature</i>				
			1 ml			x °C	
			1 litre				
<i>Not allowed</i>			<i>SI unit equivalent</i>				
			1 inch			2.54 cm	
			1 angstrom			10 ⁻¹⁰ m or 0.1 nm	
			1 atmosphere			760 × 133.1 N/m ² = 101.3 kPa	

- 5 *Abbreviations.* These should be used sparingly and should be spelled out in full on first use. The following list provides a guide to some of the commonly used abbreviations.

acceleration due to gravity for centrifugal conditions	<i>g</i>
compare	cf.
counts per minute	c.p.m.
curie	Ci
degrees of freedom	D.F.
disintegrations per minute	d.p.m.
effective dose (median)	ED ₅₀
experiment(s) (with reference number)	Exp., Exp. 2 and Exps 3–11
gas-liquid chromatography	g.l.c.
haematoxylin and eosin	H and E
haemoglobin	Hb
immunoglobulins	IgG, etc.
international unit	i.u.
intramuscular	i.m.
intraperitoneal	i.p.
intravenous	i.v.
isotopes	[³² P]creatinine, [1- ³ H]ethanol, L-[2- ¹⁴ C]leucine

lethal dose, median	LD ₅₀
logarithm (base 10)	log
logarithm (base <i>e</i>)	ln
minute (time)	min
molar (concentration)	M; millimolar, mM
mole	mole, millimole, mmole
molecular weight	mol. wt
number	no.
parts per million	p.p.m.
per	/
per cent	%
periodic acid-Schiff	PAS
post-infection	p.i.
radiation absorbed dose	rad.
red blood corpuscle	r.b.c.
relative humidity	rel. hum.
revolutions per minute	r.p.m.
second (time)	sec
sedimentation coefficient	S _{20, w}
species	sp., spp. (plural)
species, new	sp.nov.
specific gravity	sp.gr.
standard deviation	S.D.
standard error	S.E.
subcutaneous	s.c.
thin-layer chromatography	t.l.c.
trichloroacetic acid is <i>not</i> abbreviated to TCA	
ultraviolet	u.v.
versus	vs (in tables only)
volume	vol.
weight	wt

6 *Statistical treatment.* Where possible, data from sufficient numbers of separate experiments should be reported to permit assessment of the reproducibility and significance of the results. Where a significant difference is claimed between the means of two groups of results, the kind of test of significance used should be stated. It should be made clear whether the standard deviation or standard error has been used, and the number of separate experiments should be given.

7 *Powers in tables and figures.* Where powers are used to avoid writing out large numbers, care must be taken to express these correctly, e.g. 2.3 under the heading 10³*k* means that the value of *k* is 0.0023; 2.3 under the heading 10⁻³*k* means that the value of *k* is 2300. Similarly, a concentration of 0.0015 M should be expressed as 1.5 under the heading 10³ × conc. (M) not as 10⁻³ × conc. (M). The unit may be changed by the use of prefixes, e.g. m, μ, n or p, etc.

8 *Illustrations.* Each illustration should be supplied on a separate sheet and be labelled with the author's name and the figure or table number. The approximate position of figures and tables should be indicated in the text.

(i) *Headings and legends.* Each table, figure or plate should be supplied with an informative heading which together with an explanatory legend should provide enough details to make reference to the text unnecessary.

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