

STANDARD ABBREVIATIONS (These terms need not be given in full)

acquired immunodeficiency syndrome - AIDS	joule J
adenosine diphosphate - ADP	larval stages (nematodes) L1, L2 etc
adenosine monophosphate - AMP	liquid chromatography tandem mass spectrometry – LC/MS-MS
analysis of variance - ANOVA	litre L
ampere A	matrix-assisted laser desorption/ionization-time of flight-mass spectrometry – MALDI-TOF-MS
adenosine 5'-triphosphate - ATP	mega (prefix) M
aqueous aq	metre m
base pair bp	minute (time) min
becquerel Bq	molar (concentration) M or mol L ⁻¹
bovine serum albumin BSA	mole mol
central nervous system CNS	molecular mass (relative) <i>Mr</i>
cerebrospinal fluid CSF	molecular weight mol. wt
chi-squared (statistics) χ^2	N-2-Hydroxyethylpiperazine-N'-2-ethanesulfonic acid - HEPES
coulomb C	nicotinamide adenine dinucleotide - NAD
counts min ⁻¹ , counts s ⁻¹ c.p.m, c.p.s.	reduced - NADH
cyclic 3',5'-adenosine monophosphate - cAMP	phosphate - NADP
cyclic guanosine monophosphate - cGMP	reduced NAD phosphate - NADPH
dalton (use for molecular mass) Da	normal (concentration) N
deoxyribonucleic acid DNA	not significant NS
copy cDNA	number of observations (statistics) <i>n</i>
recombinant recDNA	optical density O.D.
deoxyribonucleotide triphosphate - dNTP	osmolar OSM or osmol L ⁻¹
deoxyuridine triphosphate - dUTP	packed cell volume PCV
4',6-diamidino-2-phenylindole - DAPI	parts per million p.p.m.
dimethyl sulfoxide - DMSO	pascal Pa
dithiothreitol - DTT	phosphate buffered saline PBS
Dulbecco's Modified Eagle Medium - DMEM	polyacrylamide gel electrophoresis PAGE
enzyme-linked immunosorbent assay ELISA	polymerase chain reaction PCR
enzyme unit (international) U	post-infection p.i.
ethylenediaminetetra-acetic acid EDTA	probability (significance level) <i>P</i>
ethylene glycol-bis(2-aminoethylether)-N,N',N'-tetraacetic acid - EGTA	radioimmunoassay RIA
fluorescein isothiocyanate - FITC	relative humidity r.h.
foetal calf serum FCS	relative mobility (electrophoresis) <i>M, Mx</i>
Freund's complete adjuvant FCA	ribonucleic acid RNA
glutathione-S-transferase - GST	messenger mRNA
gram g	mitochondrial mtRNA
gravitational field (centrifuging) <i>g</i>	nuclear nRNA
green fluorescent protein - GFP	ribosomal rRNA
guanosine triphosphate - GTP	small subunit ssrRNA
haematoxylin and eosin H & E	large subunit lsrRNA
haemoglobin Hb	transfer tRNA
hertz Hz	Roswell Park Memorial Institute - RPMI
high-performance liquid chromatography HPLC	second (time) s
hour h	sodium dodecyl sulphate - PAGE SDS-PAGE
human immunodeficiency virus - HIV	species (singular/plural) sp. / spp.
immunoglobulins IgA, IgD, IgE, IgG, IgM	standard deviation S.D.
indirect immunofluorescence antibody test IFAT	standard error of the mean S.E.M.
interferon γ IFN γ	Student's <i>t</i> (statistics) <i>t</i>
interleukin IL (IL1, IL2 etc)	subcutaneous s.c.
international unit i.u.	sum (statistics) Σ
intramuscular i.m.	tumour necrosis factor TNF
intraperitoneal i.p.	ultraviolet u.v.
intravenous i.v.	uridine triphosphate - UTP
isoelectric point pI	volt V
isotopes – [³² P], [³⁵ S], etc.	volumes (abbrev after number) vol.

volume per volume v/v
watt W