

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