Instructions for Malaria Journal authors

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Manuscripts must be submitted by one of the authors of the manuscript, and should not be submitted by anyone on their behalf. The submitting author takes responsibility for the article during submission and peer review.

Style and languageTo facilitate rapid publication and to minimize administrative costs,
Malaria Journal accepts only online submission. The submission
process is compatible with version 3.0 or later of Internet Explorer
and Netscape Navigator, and with most other modern web browsers.
It can be used from PC, Mac, or Unix platforms.

Files can be submitted as a batch, or one by one. The submission process can be interrupted at any time - when users return to the site, they can carry on where they left off.

See below for examples of acceptable word processor and graphics file formats. Additional files of any type, such as movies, animations, or original data files, can also be submitted as part of the publication.

During submission you will be asked to provide a cover letter. Use this to explain why your manuscript should be published in the journal, to elaborate on any issues relating to our editorial policies detailed in the instructions for authors, and to declare any potential competing interests.

Assistance with the process of manuscript preparation and submission is available from the customer support team (info@biomedcentral.com).

We also provide a collections of links to useful tools and resources for scientific authors, on our <u>Tools for Authors</u> page.

Publication

Once an article is accepted, it is published in *Malaria Journal* immediately as a provisional PDF file. The paper will subsequently be

published in both fully browseable web form, and as a formatted PDF; the article will then be available through *Malaria Journal*, BioMed Central and PubMed Central, and will also be included in PubMed.

The ultimate responsibility for any decision lies with the Editor-in-Chief, to whom any appeals against rejection should be addressed.

Article-processing charges

Malaria Journal levies an article-processing charge of £330 (€480, US\$580) per article accepted for publication. Generally, if the submitting author's institution is a <u>BioMed Central member</u> the cost of the article processing charge is covered by the membership, and no further charge is payable. In the case of authors whose institutions are <u>supporter members</u> of BioMed Central, however, a discounted article processing charge is payable by the author. We offer a £30 discount for manuscripts formatted with <u>EndNote 5</u> (or later versions) or <u>Reference Manager 10</u>. Waivers may be granted, particularly for authors from developing countries. For further details, see <u>more information about article-processing charges</u>.

Editorial policies

Any manuscript submitted to the journal must not already have been published in another journal or be under consideration by any other journal, although it may have been deposited on a preprint server. Manuscripts that are derived from papers presented at conferences can be submitted unless they have been published as part of the conference proceedings in a peer reviewed journal. Authors are required to ensure that no material submitted as part of a manuscript infringes existing copyrights, or the rights of a third party. Authors who publish in *Malaria Journal* retain copyright to their work (<u>more</u> <u>information</u>). Correspondence concerning articles published in *Malaria Journal* is encouraged.

Submission of a manuscript to *Malaria Journal* implies that all authors have read and agreed to its content, and that any experimental research that is reported in the manuscript has been performed with the approval of an appropriate ethics committee. Research carried out on humans must be in compliance with the <u>Helsinki Declaration</u>, and any experimental research on animals must follow internationally recognized guidelines. A statement to this effect must appear in the Methods section of the manuscript, including the name

of the body which gave approval, with a reference number where appropriate. Informed consent must also be documented. Manuscripts may be rejected if the editorial office considers that the research has not been carried out within an ethical framework, e.g. if the severity of the experimental procedure is not justified by the value of the knowledge gained.

Generic drug names should generally be used. When proprietary brands are used in research, include the brand names in parentheses in the Methods section.

Malaria Journal requires authors to declare any competing financial or other interest in relation to their work. If any author has a competing interest, it should be declared in the covering letter.

Submission of a manuscript to Malaria Journal implies that readily reproducible materials described in the manuscript will be freely available to any scientist wishing to use them for non-commercial purposes. Nucleic acid sequences, protein sequences, and atomic coordinates should be deposited in an appropriate database in time for the accession number to be included in the published article. In computational studies where the sequence information is unacceptable for inclusion in databases because of lack of experimental validation, the sequences must be published as an additional file with the article. Where appropriate, authors should adhere to the standards proposed by the Microarray Gene Expression Data Society (<u>http://www.mged.org</u>) and must deposit microarray data in one of the public repositories, such as ArrayExpress (<u>http://www.ebi.ac.uk/arrayexpress</u>), Gene Expression Omnibus (GEO; http://www.ncbi.nlm.nih.gov/projects/geo/) or the Center for Information Biology Gene Expression Database (CIBEX; http://cibex.nig.ac.jp).

Any 'in press' articles cited within the references and necessary for the reviewers' assessment of the manuscript should be made available if requested by the editorial office.

BioMed Central is a member of the Committee on Publication Ethics (COPE). Authors who have appealed against a rejection but remain concerned about the editorial process can refer their case to COPE. For more information, visit <u>www.publicationethics.org.uk</u>.

BioMed Central endorses the World Association of Medical Editors (WAME) <u>Policy Statement on Geopolitical Intrusion on Editorial</u>

Decisions.

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General information

Preparing main manuscript text

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File formats

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The following word processor file formats are acceptable for the main manuscript document:

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Style and language

- Microsoft Word (version 2 and above)
- WordPerfect (version 5 and above)
- Rich text format (RTF)
- Portable document format (PDF)
- TeX/LaTeX (use <u>BioMed Central's TeX template</u>)
- DeVice Independent format (DVI)
- Publicon Document (NB)

Users of other word processing packages should save or convert their files to RTF before uploading. Many free tools are available which ease this process.

TeX/LaTeX users: We recommend using <u>BioMed Central's TeX</u> <u>template and BibTeX stylefile</u>. If you use this standard format, you can submit your manuscript in TeX format. If you have used another template for your manuscript, or if you do not wish to use BibTeX, then please submit your manuscript as a DVI file. We do not recommend converting to RTF.

Publicon users: Information about <u>Publicon</u> and <u>instructions for</u> <u>authoring in Publicon</u> are available.

Note that <u>figures</u> must be submitted as separate image files, not as part of the submitted DOC/ PDF/ TEX /DVI file.

Article types

When submitting your manuscript, you will be asked to assign one of the following types to your article: Research

Case report

Case study

Commentary

Methodology

<u>Opinion</u>

Review

Please read the descriptions of each of the article types, choose which is appropriate for your article and structure it accordingly. If in doubt, your manuscript should be classified as Research, the structure for which is described below.

Manuscript sections for Research articles

Manuscripts for Research articles submitted to *Malaria Journal* should be divided into the following sections:

- Title page
- Abstract
- Background
- Methods
- Results
- Discussion
- Conclusions
- List of abbreviations used (if any)
- Authors' contributions
- Acknowledgements
- References
- Figure legends (if any)
- Tables and captions (if any)
- Description of additional data files (if any)

You can <u>download a template</u> (Mac and Windows compatible; Microsoft Word 98/2000) for your article. For instructions on use, see below.

The Accession Numbers of any nucleic acid sequences, protein

sequences or atomic coordinates cited in the manuscript should be provided, in square brackets and include the corresponding database name; for example, [EMBL:AB026295, EMBL:AC137000, DDBJ:AE000812, GenBank:U49845, PDB:1BFM, Swiss-Prot:Q96KQ7, PIR:S66116].

The databases for which we can provide direct links are: EMBL Nucleotide Sequence Database (EMBL), DNA Data Bank of Japan (DDBJ), GenBank at the NCBI (GenBank), Protein Data Bank (PDB), Protein Information Resource (PIR) and the Swiss-Prot Protein Database (Swiss-Prot).

Title page

This should list the title of the article, the full names, institutional addresses, and e-mail addresses for all authors. The corresponding author should also be indicated.

Abstract

The abstract of the manuscript should not exceed 350 words and must be structured into four separate sections: **Background**, the context and purpose of the study; **Methods**, how the study was performed and statistical tests used; **Results**, the main findings; **Conclusions**, brief summary and potential implications. Please minimize the use of abbreviations and do not cite references in the abstract.

Background

The background section should be written from the standpoint of researchers without specialist knowledge in that area and must clearly state - and, if helpful, illustrate - the background to the research and its aims. The section should end with a very brief statement of what is being reported in the article.

Methods

This should be divided into subsections if several methods are described.

Results and Discussion

The Results and Discussion may be combined into a single section or

presented separately. They may also be broken into subsections with short, informative headings.

Conclusions

This should state clearly the main conclusions of the research and give a clear explanation of their importance and relevance. Summary illustrations may be included.

List of abbreviations

If abbreviations are used in the text either they should be defined in the text where first used, or a list of abbreviations can be provided, which should precede the authors' contributions and acknowledgements.

Authors' contributions

In order to give appropriate credit to each author of a paper, the individual contributions of authors to the manuscript should be specified in this section.

An "author" is generally considered to be someone who has made substantive intellectual contributions to a published study. To qualify as an author one should 1) have made substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data; 2) have been involved in drafting the manuscript or revising it critically for important intellectual content; and 3) have given final approval of the version to be published. Each author should have participated sufficiently in the work to take public responsibility for appropriate portions of the content. Acquisition of funding, collection of data, or general supervision of the research group, alone, does not justify authorship.

We suggest the following kind of format (please use initials to refer to each author's contribution): AB carried out the molecular genetic studies, participated in the sequence alignment and drafted the manuscript. JY carried out the immunoassays. MT participated in the sequence alignment. ES participated in the design of the study and performed the statistical analysis. FG conceived of the study, and participated in its design and coordination and helped to draft the manuscript. All authors read and approved the final manuscript.

All contributors who do not meet the criteria for authorship should be

listed in an acknowledgements section. Examples of those who might be acknowledged include a person who provided purely technical help, writing assistance, or a department chair who provided only general support.

Acknowledgements

Please acknowledge anyone who contributed towards the study by making substantial contributions to conception, design, acquisition of data, or analysis and interpretation of data, or who was involved in drafting the manuscript or revising it critically for important intellectual content, but who does not meet the criteria for authorship. Please also include their source(s) of funding. Please also acknowledge anyone who contributed materials essential for the study.

Authors should obtain permission to acknowledge from all those mentioned in the Acknowledgements.

Please list the source(s) of funding for the study, for each author, and for the manuscript preparation in the acknowledgements section. Authors must describe the role of the funding body, if any, in study design; in the collection, analysis, and interpretation of data; in the writing of the manuscript; and in the decision to submit the manuscript for publication.

References

All references must be numbered consecutively, in square brackets, in the order in which they are cited in the text, followed by any in tables or legends. Each reference must have an individual reference number. Please avoid excessive referencing. If automatic numbering systems are used, the reference numbers must be finalized and the bibliography must be fully formatted before submission.

Only articles and abstracts that have been published or are in press, or are available through public e-print/preprint servers, may be cited; unpublished abstracts, unpublished data and personal communications should not be included in the reference list, but may be included in the text. Notes/footnotes are not allowed. Obtaining permission to quote personal communications and unpublished data from the cited author(s) is the responsibility of the author. Journal abbreviations follow Index Medicus/MEDLINE. Citations in the reference list should contain all named authors, regardless of how many there are. There should usually be no more than 50 references per article.

We encourage authors to use a recent version of EndNote (version 5 and above) or Reference Manager (version 10) when formatting their reference list, as this allows references to be automatically extracted. Authors submitting articles in EndNote 5 or higher or Reference Manager 10 format will save £30 on the £330 (€480, US\$580) article processing charge. In order to obtain this discount, you should upload the manuscript file containing your EndNote or Reference Manager-formatted bibliography as a .doc file. Please ensure you do not convert to another format (e.g. RTF or PDF). On upload, the discount will be automatically granted and you will receive a confirmation on-screen and by email. You will also be able to preview an HTML version of the extracted references during submission, and we urge authors to check this. EndNote or Reference Manager users should also make sure that any changes made to the reference list are done within their reference management program, rather than by manually editing the formatted bibliography. This is because manually introduced changes will not be picked up in the automatically extracted list.

Further details about <u>EndNote</u> and <u>Reference Manager</u> are available on the BioMed Central site, including information about how to upgrade.

Style files that conform to the BioMed Central style are available for <u>EndNote</u> and <u>Reference Manager</u>. Users of other reference management programs should be able to select other journal styles that output a numeric list styled similarly to the guide below.

Examples of the *Malaria Journal* reference style are shown below. Please take care to follow the reference style precisely; references not in the correct style may be retyped, necessitating tedious proofreading.

Links

Web links and URLs should be included in the reference list. They should be provided in full, including both the title of the site and the URL, in the following format: **The Mouse Tumor Biology Database** [http://tumor.informatics.jax.org/cancer_links.html]

Malaria Journal reference style

Article within a journal

1. Koonin EV, Altschul SF, Bork P: **BRCA1 protein products:** functional motifs. *Nat Genet* 1996, **13:**266-267.

Article within a journal supplement

2. Orengo CA, Bray JE, Hubbard T, LoConte L, Sillitoe I: Analysis and assessment of ab initio three-dimensional prediction, secondary structure, and contacts prediction. *Proteins* 1999, Suppl 3:149-170.

In press article

3. Kharitonov SA, Barnes PJ: **Clinical aspects of exhaled nitric oxide.** *Eur Respir J*, in press.

Published abstract

4. Zvaifler NJ, Burger JA, Marinova-Mutafchieva L, Taylor P, Maini RN: Mesenchymal cells, stromal derived factor-1 and rheumatoid arthritis [abstract]. *Arthritis Rheum* 1999, **42:**s250.

Article within conference proceedings

5. Jones X: **Zeolites and synthetic mechanisms.** In *Proceedings of the First National Conference on Porous Sieves: 27-30 June 1996; Baltimore.* Edited by Smith Y. Stoneham: Butterworth-Heinemann; 1996:16-27.

Book chapter, or article within a book

6. Schnepf E: From prey via endosymbiont to plastids:
comparative studies in dinoflagellates. In *Origins of Plastids. Volume 2.* 2nd edition. Edited by Lewin RA. New York: Chapman and Hall; 1993:53-76.

Whole issue of journal

7. Ponder B, Johnston S, Chodosh L (Eds): **Innovative oncology.** In *Breast Cancer Res* 1998, **10:**1-72.

Whole conference proceedings

8. Smith Y (Ed): Proceedings of the First National Conference on Porous Sieves: 27-30 June 1996; Baltimore. Stoneham:
Butterworth-Heinemann; 1996.

Complete book

9. Margulis L: *Origin of Eukaryotic Cells.* New Haven: Yale University Press; 1970.

Monograph or book in a series

10. Hunninghake GW, Gadek JE: **The alveolar macrophage.** In *Cultured Human Cells and Tissues.* Edited by Harris TJR. New York: Academic Press; 1995:54-56. [Stoner G (Series Editor): *Methods and Perspectives in Cell Biology*, vol 1.]

Book with institutional author

11. Advisory Committee on Genetic Modification: *Annual Report.* London; 1999.

PhD thesis

12. Kohavi R: Wrappers for performance enhancement and oblivious decision graphs. *PhD thesis.* Stanford University, Computer Science Department; 1995.

Link / URL

13. **The Mouse Tumor Biology Database** [http://tumor.informatics.jax.org/cancer_links.html]

Microsoft Word template

Although we can accept manuscripts prepared as Microsoft Word, Word Perfect, RTF or PDF files, we have designed a Microsoft Word template that can be used to generate a standard style and format for your article. It can be used if you have not yet started to write your paper, or if it is already written and needs to be put into *Malaria Journal* style.

<u>Download the template</u> (Mac and Windows compatible Word 1998/2000) from our site, and save it to your hard drive. Double click the template to open it.

How to use the Malaria Journal template

The template consists of a standard set of headings that make up a *Malaria Journal* Research manuscript, along with dummy fragments of body text. Follow these steps to create your manuscript in the standard format:

- Replace the dummy text for Title, Author details, Institutional affiliations, and the other sections of the manuscript with your own text (either by entering the text directly or by cutting and pasting from your own manuscript document).
- If there are sections which you do not need, delete them (but check the rest of the Instructions for Authors to see which sections are compulsory).
- If you need an additional copy of a heading (e.g. for additional figure legends) just copy and paste.
- For the references, you may either manually enter the references using the <u>reference style</u> given, or use bibliographic software to insert them automatically. We provide <u>style files</u> for End Note and Reference Manager.

For extra convenience, you can use the template as one of your standard Word templates. To do this, put a copy of the template file in Word's 'Templates' folder, normally C:\Program Files\Microsoft Office\Templates on a PC. The next time you create a new document in Word using the File menu, the template will appear as one of the available choices for a new document.

Note - From version 6, EndNote includes a full set of structured article templates for BioMed Central journals. Users of EndNote are encouraged to upgrade if necessary and make use of these templates. More information is <u>available here</u>.

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Preparing illustrations and figures

General information

Manuscript text

Illustrations and figures

Illustrations should be provided as separate files, not embedded in the text file. Each figure should include a single illustration. There is no charge for the use of color figures. Each figure should be closely <u>cropped</u> to minimize the amount of white space surrounding the illustration.

Tables

If a figure consists of separate parts, it is important that a single composite illustration file be submitted which contains all parts of the figure.

Style and language

Additional files

Photographs should be provided with a scale bar if appropriate, as well as high-resolution component files.

Scaling/resolution

Illustrations should be designed such that all information is legible when scaled to a horizontal width of 600 pixels, since this is the default size for a *Malaria Journal* (and PubMed Central) illustration on the web. High-quality versions of figures will also be generated and stored by *Malaria Journal*, however, so image files should be submitted at a resolution of 300 dpi or greater if possible.

Text within figures should use either Arial or Helvetica fonts, although Courier may also be used if a monospaced font is required. Text too should be designed to be legible when the illustration is scaled to a width of 600 pixels.

Formats

The following file formats can be accepted:

- **EPS** (preferred format for diagrams)
- **PDF** (also especially suitable for diagrams)
- PNG (preferred format for photos or images)
- Microsoft Word (version 5 and above; figures must be a single page)
- PowerPoint (figures must be a single page)
- TIFF
- JPEG
- BMP

Malaria Journal is not able to process figures submitted in GIF format.

If the large size of TIFF or EPS figures is an obstacle to online submission, authors may find that conversion to JPEG format before submission results in significantly reduced file size (and upload time), while retaining acceptable quality. JPEG is a 'lossy' format, however. In order to maintain acceptable image quality, it is recommended that JPEG files are saved at High or Maximum quality.

Files should not be compressed with tools such as Zipit or Stuffit prior to submission. These tools will in any case produce negligible file-size savings for JPEGs and TIFFs, which are already compressed.

I mage conversion tools

There are many <u>software packages</u>, many of them freeware or shareware, capable of converting to and from different graphics formats, including PNG.

Good general tools for image conversion include <u>GraphicConverter</u> on the Macintosh, <u>PaintShop Pro</u>, for Windows, and <u>ImageMagick</u>, which is available on Macintosh, Windows and UNIX platforms.

Note that bitmap images (e.g. screenshots) should not be converted to EPS since this will result in a much larger file size than the equivalent JPEG, TIFF, PNG or BMP, with no increase in quality. EPS should only be used for images produced by vector-drawing applications such as Adobe Illustrator or CorelDraw. Most vector-drawing applications can save in, or export as, EPS format. If images have been originally prepared in an Office application, such as Word or PowerPoint, then the Office files should be directly uploaded to the site, rather than converted to JPEG or another format that may be of reduced quality.

Figure legends

The legends should be included in the main manuscript text file , immediately following the references, rather than being a part of the figure file. For each figure, the following information should be provided : Figure number (in sequence, using Arabic numerals - i.e. Figure 1, 2, 3 etc); short title of figure (maximum 15 words); detailed legend, up to 300 words .

Please note that it is the responsibility of the author(s) to obtain permission from the copyright holder to reproduce figures or tables that have previously been published elsewhere.

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Each table should be numbered in sequence using Arabic numerals (i.e. Table 1, 2, 3 etc.). Tables should also have a title that summarizes the whole table, maximum 15 words. Detailed legends may then follow, but should be concise.

Smaller tables considered to be integral to the manuscript can be pasted into the end of the document text file, in portrait format.
These will be typeset and displayed in the final published form of the article. Such tables should be formatted using the 'Table object' in a word processing program to ensure that columns of data are kept aligned when the file is sent electronically for review; this will not always be the case if columns are generated by simply using tabs to separate text. Columns and rows of data should be made visibly distinct by ensuring the borders of each cell display as black lines. Commas should not be used to indicate numerical values. Colour and shading should not be used.

Larger datasets can be uploaded separately as additional files. Additional files will not be displayed in the final, published form of the article, but a link will be provided to the files as supplied by the author.

Tabular data provided as additional files can be uploaded as an Excel spreadsheet (.xls) or comma separated values (.csv). As with all files, please use the standard file extensions.

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Additional files

Although *Malaria Journal* does not restrict the length and quantity of data in a paper, there may still be occasions where an author wishes to provide data sets, tables, movie files, or other information as additional information. These files can be uploaded using the 'Additional Material files' button in the manuscript submission process.

The maximum file size for additional files is 10 MB each, and files will

Any additional files will be linked into the final published article in the form supplied by the author, but will not be displayed within the paper. They will be made available in exactly the same form as originally provided.

If additional material is provided, please list the following information in a separate section of the manuscript text, immediately following the tables (if any):

- File name
- File format (including name and a URL of an appropriate viewer if format is unusual)
- Title of data
- Description of data

Additional datafiles should be referenced explicitly by file name within the body of the article, e.g. 'See additional file 1: Movie1 for the original data used to perform this analysis'.

Formats and uploading

Ideally, file formats for additional files should not be platform-specific, and should be viewable using free or widely available tools. The following are examples of suitable formats.

- Additional documentation
 - o PDF (Adobe Acrobat)
- Animations
 - o SWF (Shockwave Flash)
- Movies
 - MOV (QuickTime)
 - o MPG (MPEG)
- Tabular data
 - o XLS (Excel spreadsheet)
 - o CSV (Comma separated values)

As with figure files, files should be given the standard file extensions. This is especially important for Macintosh users, since the Mac OS does not enforce the use of standard extensions. Please also make sure that each additional file is a single table, figure or movie (please do not upload linked worksheets or PDF files larger than one sheet). General information

Style and language

Manuscript text

General

Illustrations and figures

Currently, *Malaria Journal* can only accept manuscripts written in English. Spelling should be US English or British English, but not a mixture .

Additional files

Style and language

Tables

Gene names should be in italic, but protein products should be in plain type.

There is no explicit limit on the length of articles submitted, but authors are encouraged to be concise. There is also no restriction on the number of figures, tables or additional files that can be included with each article online. Figures and tables should be sequentially referenced. Authors should include all relevant supporting data with each article.

Malaria Journal will not edit submitted manuscripts for style or language; reviewers may advise rejection of a manuscript if it is compromised by grammatical errors. Authors are advised to write clearly and simply, and to have their article checked by colleagues before submission. In-house copyediting will be minimal. Non-native speakers of English may choose to make use of a copyediting service such as that provided by <u>Biology Editors</u>, <u>Manuscript Presentation</u>. <u>Service</u>, <u>International Science Editing</u> and <u>English Manager Science</u> <u>Editing</u>. BioMed Central has no first-hand experience of these companies and takes no responsibility for the quality of their service.

Help and advice on scientific writing

The abstract is one of the most important parts of a manuscript. For guidance, please visit our page on <u>"Writing titles and abstracts for scientific articles"</u>.

Tim Albert has produced for BioMed Central a <u>list of tips</u> for writing a scientific manuscript. <u>MedBioWorld</u> also provides a list of resources for science writing.

Abbreviations

Abbreviations should be used as sparingly as possible. They can be defined when first used or a list of abbreviations can be provided preceding the acknowledgements and references.

Typography

- Please use double line spacing.
- Type the text unjustified, without hyphenating words at line breaks.
- Use hard returns only to end headings and paragraphs, not to rearrange lines.
- Capitalise only the first word, and proper nouns, in the title.
- All pages should be numbered.
- Use the *Malaria Journal* reference format.
- Footnotes to text should not be used.
- Greek and other special characters may be included. If you are unable to reproduce a particular special character, please type out the name of the symbol in full. Please ensure that all special characters used are embedded in the text, otherwise they will be lost during conversion to PDF.

Units

SI Units should be used throughout (litre and molar are permitted, however).