Instructions to Authors for the Section
“Science and Technology”

Scope

pharmind® – die pharmazeutische industrie is a monthly journal committed to publish articles on production and marketing of pharmaceutical products with all the related aspects in the broad scope of regulation, health care and welfare politics. The special section “Wissenschaft und Technik” (Science and Technology) covers reviews, original papers, reports on conferences and fairs, and issues relating to pharmaceutical science, technique and practice.

The following instructions are valid especially for scientific and technical papers.

The submitted material must be scientifically and technically sound and original in nature. Papers in English and German language are published. Abstracts must be submitted both in English and German.
Submission of manuscripts and review procedure

Manuscripts must be submitted electronically using Microsoft Word (.doc), WordPerfect (.wpd) or Rich Text (.rtf) formats. It is best to submit manuscripts as an e-mail attachment to the editors (address: redaktion@ecv.de). Alternatively a CD-ROM or DVD may be sent. The submitting author will receive acknowledgement of receipt of the manuscript.

Include a cover letter with the manuscript stating the wish to publish in pharmind® and identifying the corresponding author, and include a statement indicating that all authors approve the submission of the manuscript to pharmind®.

Submitted manuscripts will undergo review by outside reviewers (members of the journal’s Editorial Board who are experts in the particular field). The editorial office undertakes all possible measures to ensure a review time between submission and first editorial decision of less than four weeks. If a manuscript is accepted for publication but needs to be revised in some respect, the peer reviewers’ and editorial comments will be returned to the corresponding author with the request that the indicated changes be incorporated into the final manuscript.

The manuscript should be edited by a native speaker of the language in which it is written. It may be advisable to seek professional help (e.g. by a translator).

Manuscript organization

1. General

Submitting manuscripts in the correct format will expedite the review process and prevent undue delay. The editors reserve the right to reject incomplete submissions and those that do not comply with the specified submission guidelines.

pharmind® has adopted relevant sections of the “Uniform Requirements for Manuscripts Submitted to Biomedical Journals” (commonly referred to as the Vancouver style) as modified and published in 1997 by the International Committee of Medical Journal Editors (ICMJE). Some portions of the Uniform Requirements are included verbatim in these Instructions.

Submissions must be accompanied by the following “Copyright Transfer and Publication Statement”: Authors assure that the work has not been published previously, that it is not under consideration for publication elsewhere, and that if it is accepted for publication, the author(s) will transfer the copyright to the journal’s publisher, ECV · Editio Cantor Verlag, 88326 Aulendorf, Germany. The authors assure that they own copyright for the entire manuscript including all artwork (figures, graphs, photos,
and tables). In case of re-use of material from copyrighted sources (e.g. artwork) proper proof of permission to re-use for print and electronic publication must be supplied.

2. Typing and structure
Format the manuscript as if it were printed on an A4 sheet (212 mm x 297 mm). Number pages consecutively, beginning with the title page.

The manuscript should be in the order of title page, abstract (both in English and German language) and key words, text, acknowledgements, references, tables, figure legends and figures.

Divide the text of an article into numbered sections with the heading 1. Introduction, 2. Materials and methods (or Patients and methods or Subjects and methods), 3. Results, 4. Discussion. Long sections may need subheadings that should carry numbers in the following style: 1.1, 1.1.1 etc. Do not use automatic numbering/formatting for headings or subheadings.

If present, an “Acknowledgements” text will appear after the text, followed by the “References” section.

3. Title page
The title page should carry (1) the title of the article, which should be concise but informative, avoiding acronyms; (2) the full names of all contributing authors, with the surnames underlined; (3) each author’s institutional affiliation denoted by superscript numbers shown after the surname and before a particular affiliation; (4) the name with academic degree and address (postal and e-mail) of the author responsible for correspondence concerning the manuscript (“Corresponding author”).

4. Abstract and key words
The unstructured abstract of approximately 1200 characters (without blanks) must be made available both in English and German language. It should state the purpose of the study, basic procedures, main findings, and the principal conclusions. Active pharmaceutical ingredients should be referred to by their international non-proprietary name (INN recommended by the WHO), if available; it is recommended to show the CAS number at the first mention. The abstract must not contain any literature references.

List up to six key words.
5. Introduction
State the purpose of the article and summarize the rationale for the study. Do not include data or conclusions from the work being reported. Refer to literature by consecutive Arabic numbers shown in square brackets (not as superscripts).

6. Methods
Methods, apparatuses (giving the manufacturer’s name and address in parentheses), and procedures should be identified in sufficient detail to allow others to reproduce the results. Give references to established methods including statistical methods, provide references and brief descriptions for methods that have been published but are not well known; describe new or substantially modified methods, give reasons for using them, and evaluate their limitations. Precisely identify all drug products and chemicals used, dose and route of administration and the manufacturers’/suppliers’ name and address from the test product.

For excipients non-proprietary designations should be preferred and brand names used only at the first mention, as far as there are no ambiguities.

Full terms of acronyms should be stated at their first mention, with the acronym following in parentheses.

Measurements should be in metric units (meter, kilogram, liter) and units should adhere to the International System of Units (SI). Use a space between quantities and units.

With clinical trials and other tests in humans the compliance with ethical standards must be stated: approval by the local ethics committee, compliance with the Helsinki Declaration and its revisions, written informed consent from each patient, in case of involving minors consent of the legal guardian. If relevant the criteria for inclusion/exclusion of subjects must be described.

With animal studies the age and sex of animals, the breeder’s name and location, keeping conditions and the diet should be specified. It should be stated that adequate steps were taken that animals did not suffer unnecessarily at any stage of an experiment, whether acute or chronic, and that experiments were performed in accordance with national legislation or with the requirements of an appropriate animal ethics committee.

In case of work on isolated tissues, including cell cultures, it must be stated whether the donor animal was anaesthetized or killed, and details of the relevant procedures must be given.
7. Results
Present results in a logical sequence in the text, tables and illustrations. Do not repeat in the text all the data in the tables or figures; emphasize or summarize only important observations. When data are summarized in the Results section, specify the statistical methods used to analyse them. Restrict tables and figures to those needed to explain the argument of the paper and to assess its support. Use graphs as an alternative to tables with many entries; do not duplicate data in graphs and tables.

8. Discussion
Emphasize the new and important aspects of the study and the conclusions that follow from them. Do not repeat in detail data or other material given in the Introduction or the Results section. Discuss the implications and possible limitations of the findings, including implications for future research. Relate the observations to other relevant studies. Link the conclusions with the goals of the study, but do not make statements or draw conclusions not supported by the data. State new hypotheses when warranted but clearly label them as such. Recommendations for future research may be included.

9. Acknowledgements
List all contributors who do not meet the criteria for authorship, such as persons who provided purely technical help, writing assistance, or a department head or chair who provided only general support. Financial (funding) and material support should also be acknowledged.

10. References
References are numbered consecutively in order of appearance in the text; they are identified by Arabic numerals enclosed in square brackets (not as superscripts).

List up to six authors. Where there are seven or more authors, only the first six are listed followed by “et al.”.

Punctuation marks and spaces in the reference list and citations are very important. Follow the punctuation and spacing exactly as given in the examples.

For journal issues with non-continuous page numbers:

For journal issues with continuous page numbers, omit month/day and issue part:
For an authored book:

For a chapter in an edited book:

Citing material on the Internet:


11. Tables

Submit tables in a textually editable form, not as a graphic or PDF. If you are using tabs to separate columns, then use one tab only for each column. Do not use spaces to separate columns. Do not use hard returns (paragraph marks) within a cell to separate lines of text. Tables must not be embedded in the paper’s text. Start each table on a new page.

12. Figures

Figures should be submitted in their original file format, not pasted into a text document. That is: if the figure is a graph, created in Excel, then submit the graph along with its associated spreadsheet as an Excel file (*.xls). If the figure is a photograph, screenshot, or a scan, then submit, e.g., the *.tif, *.eps, *.jpg file itself. Graphs created in Powerpoint are also accepted, as long as they are submitted as the original *.ppt file.

In all cases the file extension must indicate the format or program used to create the file.