

# **GMS Medizinische Informatik, Biometrie und Epidemiologie**

## **Authors' Guidelines**

### **General Informations**

GMS Medical Informatics, Biometry and Epidemiology is an open access e-journal. The journal publishes theoretical and application oriented papers from the whole area of Medical Informatics, Biometry and Epidemiology. This could be new developed methods or new applications of known methods or review articles. The link towards medicine should be always be visible.

After a peer review procedure the editors together with the editorial board decide whether an article is accepted or not. Publication language is German. Articles with more general importance could be published in English. The author guideline principally follow the recommendations of the International Committee of Medical Journal Editors: Uniform requirements for manuscripts submitted to biomedical journals.

### **Publication Requirements**

The submitted manuscripts or substantial parts of them should not have been previously published or submitted for publication somewhere else. The abbreviated version of the contents for presentation at a meeting is not regarded as a publication.

### **Authorship and Copyright**

All authors insure that they have furnished a substantial contribution to the article and that they are in agreement with form and contents of the manuscript. The author conducting the negotiations confirms that he holds the copyrights on his works as well as on the text and illustrations attached therein in the Author's Contract. If material (e.g. illustrations or tables) is used from other sources, the author must submit a written statement from the holder of the copyrights is in agreement with a publication in gms. In cases of publication, the author grants gms the right to store in databases for an unlimited period of time, to distribute and to reproduce the article in electronic form, as well as to the individualized print for users of the print-on-demand service. All remaining exploitation rights of the author are not restricted, however, all further publications should display original publication note (originally published in: GMS Med Inform Biom Epidemiol. 2005;1:....).

### **Conflict of Interests**

Financial or other support of institutes or companies, as well as promotion funds, is to be stated in the acknowledgments. All financial or other connections, which the author has to a company, whose products or competition products play an important role in represented facts of the matter, should be described and enclosed on a separate form. This notification is handled confidentially and only when the manuscript is accepted for publication does the editorial staff discuss with the author in which form this information will be relayed.

### **Protection of Patients' Rights to Privacy**

When using records of patients it must be guaranteed that the person is not identifiable on the basis of the portrayal. Otherwise, the author must seek explicit consent from the person concerned (or their representative) that he agrees to the publication in the present form. The existence of such consent is to be confirmed by the author in writing.

# Manuscript Preparation

## In General

The manuscripts are to be submitted in German, an English abstract and English title translation should be included. The manuscripts may include tables, diagrams and pictures, as well as sound or video sequences.

## Title Page

On the first page of the manuscript the German and English title of the article is stated, followed by the surnames and first names of all authors, their e-mail addresses and the facilities where they are active. Then give separately the name, mail and e-mail address of the author conducting the correspondence.

## Abstract and Keywords

All original contributions, case descriptions and review articles are to be preceded by a German and an English abstract. The summary is to be drawn up in such a way that it represents a condensed extract of the work. The author should indicate adequate keywords which, as far as possible, are taken from the Medical Subject Headings (MeSH). With original papers and case descriptions you should also indicate the trade names and names of the producer of the drugs applied and medical devices, as well as the chemical substances and their CAS number in order to make this information indexable in appropriate databases. Further structural tips are with the individual article types.

## Literature References

The literature cited in the text must be listed at the end of the article according to the Vancouver Style of References also used in Medline. References should be numbered in the order in which they are listed in the reference list. The reference list may be sorted in the order in which references are first mentioned in the text or, alternatively, in alphabetical order by first authors' names. In any case, references in the reference list should be preceded by consecutive numbers. Identify references in text, tables, and legends by Arabic numerals in square brackets. Please do not use footnotes!

### Some Examples:

#### Standard journal article:

Halpern SD, Ubel PA, Caplan AL. Solid-organ transplantation in HIV-infected patients. *N Engl J Med.* 2002;347(4):284-7.

#### Monograph:

Murray PR, Rosenthal KS, Kobayashi GS, Pfaller MA. *Medical microbiology.* 4th ed. St. Louis: Mosby; 2002.

#### Chapter/Contribution in a monograph:

Meltzer PS, Kallioniemi A, Trent JM. Chromosome alterations in human solid tumors. In: Vogelstein B, Kinzler KW, editors. *The genetic basis of human cancer.* New York: McGraw-Hill; 2002. p. 93-113.

#### CD-ROM:

Anderson SC, Poulsen KB. *Anderson's electronic atlas of hematology [CD-ROM].* Philadelphia: Lippincott Williams & Wilkins; 2002.

#### Journal article on the Internet:

Eysenbach G. SARS and population health technology. *J Med Internet Res.* 2003;5(2):e14. Available from: <http://www.jmir.org/2003/2/e14/>

**Homepage/Website:**

Cancer-Pain.org [homepage on the Internet]. New York: Association of Cancer Online Resources, Inc.; c2000-01 [updated 2002 May 16; cited 2002 Jul 9]. Available from: <http://www.cancer-pain.org/>

Further detailed sample references under:

[http://www.nlm.nih.gov/bsd/uniform\\_requirements.html](http://www.nlm.nih.gov/bsd/uniform_requirements.html).

**Article Types**

Research articles deal with current problems, with adequate empirical or experimental methodology. It should be evident from the papers that they make a substantial contribution in clarifying the formulated problem. Generally they are to be subdivided into: Abstract, introduction, methods, results, discussion, conclusions.

Case reports represent a case relevant for the scientific interest. Generally they are to be subdivided into: Abstract, introduction, case description, discussion, conclusions.

Review articles are to show the state of research in detail, summarize and clarify open research questions. Review articles should include abstract and introduction; furthermore, they may be subdivided sectionwise according to the requirements of the topic.

Rapid publications/short communications and letters to the editor contain comments or announcements and communications with news character and are principally welcome as a central element in the discussion of research results. They go through a peer review like the other articles.

Announcements about awards, statements and announcements of the GMDS, scientific prizes and personalities should be submitted by the GMDS office.

Under the heading "Retrospective and prospective view" articles like inaugural and farewell lectures or articles on historical developments could be submitted to the editors.

**Technical Requirements****Typography and Technical Terms**

Do not use block style or hyphenation when drawing up your manuscripts. Line breaks are only to be inserted in paragraphs. Literature references are to be numbered consecutively in the text and listed at the end of the document as text, under no circumstances by means of the automatic footnote function. All illustrations and tables are to be provided with legends and numbered consecutively.

The basic units of the International System for Measures and Weights (SI) and the units derived from them are to be used for all units of measurement. For the indication of blood pressure values the unit "mmHg" is permissible, for the indication of temperatures the unit °C. When using other units in illustrations and tables the conversion factors are to be indicated in the legend.

The nomenclature of the International Union for Pure and Applied Chemistry (IUPAC) resp. the International Union of Biochemistry and Molecular Biology (IUBMB) is to be used for the designation of chemical substances. The additional indication of the register number of the Chemical Abstracts Service (CAS) is recommended.

Generally, the generic name is to be used when mentioning drugs. If certain commercial products were used in the research, then these trade names and the names of the producer should be quoted in the method part. In addition, this data will be indexable via the recording in special data fields. The spelling in the "Red List" applies. Abbreviations without solutions should be only used, if they are generally common (DNA, WHO). All remaining abbreviations are to be identified when first used. If necessary, an abbreviation list should be added.

References on statistics: Graph pad software offers numerous freely available online computers for statistic calculations.

### **Text Formats**

Each author has the possibility to load his papers into the Manuscript Operating System (MOPS) of gms.

### **Graphic Formats**

The following graphic formats may be used: the formats TIFF and BMP (loss-free bitmap-formats); GIF and PNG (bitmap-formats compressed) for charts, JPG (compressable bitmap-format) for photos. Even if the graphics are integrated in the text, they should be provided additionally as separate files with clear file names. The upload of your files takes place in the author's sector.

### **Submitting a Manuscript**

The receipt of a manuscript will be confirmed. Before the paper goes to press the authors will get a proof where only typing errors could be corrected.

Manuscripts can be submitted to:

<http://www.egms.de> Button Login &: Submit