



## A Journal of Biosciences: Zeitschrift für Naturforschung C

### Information for Authors

*A Journal of Biosciences: Zeitschrift für Naturforschung C (ZNC)* is an international scientific journal and a community resource for the emerging field of natural and natural-like products.

The journal publishes original research articles, research notes, letters and review articles on the isolation (including structure elucidation), bio-chemical synthesis and bioactivities of natural products, their biochemistry, pharmacology, biotechnology, and their biological activity and innovative developed computational methods for predicting the structure and/or function of natural products.

*A Journal of Biosciences: Zeitschrift für Naturforschung C* welcomes research papers in fields on the chemistry-biology boundary which address scientific ideas and approaches to generate and understand natural compounds on a molecular level and/or use them to stimulate and manipulate biological processes.

Proposals of review articles are welcome. A brief outline of the review article and the senior author's CV should be sent to the ZNC editorial office.

Manuscript submissions are approved by the Editor, and, if found suitable for further consideration, peer reviewed by independent expert referees. Submission is online via ScholarOne Manuscripts.

ZNC publishes 12 issues per year, mostly in double issues. Publication language is English. No processing or page charge is raised. Colour figures required for the comprehension of their contents are printed as such without charge. Supplementary material is published online.

Contributions to ZNC may be

#### (i) Research Articles

A Research Article usually is partitioned into individual sections. An introduction should explain the article's topic to a general readership, while a conclusion or discussion section should outline the significance of the new results obtained. There is no formal length limit to a Research Article, but authors should avoid elements of unnecessary length, and restrict figures and tables to what is decisive for efficient communication.

#### (ii) Research Notes

A Research Note is a rapid communication of particular urgency which does not exceed two pages in print (max. 10,000 characters excl. spaces). Decision about the acceptance of a Research Note will be made especially fast.

### (iii) Letters

A Letter is a focused communication which does not exceed five pages in print (max. 25,000 characters excl. spaces). A letter does not need to be divided into individual sections, but should start with a summary and introduction accessible to a general readership and end with a concise conclusion. Letters will be given priority handling by the editors.

### (iv) Review Articles

A Review Article gives an overview over an emerging or particularly active field of current research. Authors wishing to prepare a Review Article should contact one of the editors prior to submission, providing an abstract, tentative section headings, and a length estimate.

**Articles are to be submitted online at <http://mc.manuscriptcentral.com/znc>**

*Criteria for publication:* The principal criteria for publication of scientific articles are that the main results and conclusions must not have been published or submitted elsewhere and that they are of scientific importance.

*Cover letter:* A cover letter has to be submitted stating briefly what are the new achievements, significance and why the conclusion is an important scientific advance. This summary provided in a cover letter should not extend 200 words.

Contributions submitted to this journal must be written in clear and concise English. Only unpublished material can be accepted, and authors may not re-publish a previously published paper (print version or online) in the same or similar form. The decision on the acceptance is taken after a peer-reviewing procedure.

Please upload a PDF file of the entire paper for the review process (file designation: *Main document*) and additionally a full set of original files as ZIP archive (file designation: *Source Codes (tex, cls, sty etc.) as ZIP archive*). Please include the *ChemDraw* files of your chemical structure drawings in the ZIP archive. Do not include the figures in a Word document.

The authors are strongly encouraged to suggest at least two names, institutional affiliation and e-mail addresses of potential independent reviewers.

## **Manuscript preparation**

*Order of the text:* Running title (maximal 60 characters) – Title (Title and running title: first characters should not be capitalized). Authors' names (e.g. Jan Baier, Tom F. Miller, and John F. Kelly) – First author's address (and under <sup>1,2,3...</sup> differing addresses of further authors; the corresponding author should be indicated by \* in the list of authors, and his/her e-mail address should be provided.) – Dedication (if intended) – Abstract – Keywords (at most five).

*Following the main text:* Acknowledgements (if wished) – List of references – Footnotes – Tables with captions (each table on a separate page) – List of all figure legends – Figures (uploaded as separate files).

## Nomenclature

*Biochemical*: As far as possible authors should follow the recommendations of the Nomenclature Committee of IUBMB and the IUPAC–IUBMB Joint Commission on Biochemical Nomenclature (see <http://www.chem.qmul.ac.uk/iubmb/>).

*Chemical*: The [IUPAC recommendations on chemical nomenclature](http://www.chem.qmul.ac.uk/iupac/index.html) (see <http://www.chem.qmul.ac.uk/iupac/index.html>) should be followed.

*Enzymes*: The recommendations of the latest edition of [Enzyme Nomenclature](http://www.chem.qmul.ac.uk/iubmb/enzyme) (see <http://www.chem.qmul.ac.uk/iubmb/enzyme>, 1992) should be followed as far as possible. This includes the quoting of EC numbers.

*Scientific names of organisms* should be cited in their complete form when first mentioned in the order genus - species - authority - cultivar (cv.) or subspecies (ssp.) where appropriate. Latin genus and species names should be typed in *italics*. Subsequently, the genera should generally be abbreviated by their first letter, but avoid confusion: *e.g.* use *A. comosus* if the only genus with the first letter A in your manuscript is *Ananas*; but use unambiguous abbreviations if there is more than one genus with the same first letter, *e.g.* *Ananas comosus*, *Aechmea nudicaulis* = *A. comosus*, *Ae. nudicaulis*, etc. Common names of organisms must be accompanied by the correct scientific name when first mentioned. It may be useful to give the name of the family and/or higher taxon in brackets when first mentioned.

## Compound Characterization Data

*A Journal of Biosciences: Zeitschrift für Naturforschung C* holds a high standard for compound characterization. For new compounds, evidence for identity and purity must be provided. Evidence for documenting the identity of new compounds should include proton and carbon NMR data and MS accurate mass (HRMS) or elemental analysis data. A copy of a spectrum with a signal-to-noise ratio sufficient to permit seeing peaks with 5% of the intensity of the strongest peak should be included in the supporting information.

When new or known compounds are used for bioassays, a purity level of at least 95% needs to be documented. Evidence for documenting compound purity should include proton and carbon NMR spectra and be included in the supporting information.

*Tables, equations and figures* are to be mentioned in the text in numerical order (Table 1, Fig. 1, etc.). Only *equations* should be integrated in the intended place in the text. *Figures* in high resolution (300 dpi) should be uploaded as separate files.

*The abstract* must be suitable for direct use by the abstracting journals.

*The main text* should meet the highest standard as to organization and conciseness, and should be correct in orthography, grammar and style.

*References* must be numbered consecutively by order of mention in the text, *e.g.* [1], [2,3], [7-10], etc., and listed according to the following examples for *journals* and *books*, respectively. Abbreviate journal names according to the PubMed Journals Database (National Library of Medicine, National Institutes of Health; <http://www.ncbi.nlm.nih.gov/pubmed>). One-word journal names (*e.g.*, Biochemistry) are never abbreviated. In multi-author references, use “et al.” after the sixth author.

*Examples for journal references:*

1. Raad II, Hanna HA, Hachem RY, Dvorak T, Arbuckle RB, Chaiban G, et al. Clinical-use- associated decrease in susceptibility of vancomycin-resistant *Enterococcus faecium* to linezolid: a comparison with quinupristin-dalfopristin. *Antimicrob Agents Chemother* 2004;48:3583–5.
2. Wells D, Bjorksten A. Monoamine oxidase inhibitors revisited. *Can J Anaesth* 1989;36:64–74.
3. Parsons MR, Convery MA, Wilmot CM, Yadavt KD, Blakeley V, Corner AS, et al. Crystal structure of a quinoenzyme: copper amine oxidase of *Escherichia coli* at 2 Å resolution. *Structure* 1995;3:1171–84.

*Examples for book references:*

1. Sambrook J, Russell DW. *Molecular cloning: a laboratory manual*, 3rd ed. New York: Cold Spring Harbour Laboratory Press, 2001.
2. Gower JC, Lubbe S, le Roux NJ. *Understanding biplots*. Chichester, UK: Wiley, 2011.
3. Moss JN, Dajani E. Antihyperlipidemic agents. In: Turner RA, Hebborn P, editors. *Screening methods in toxicology*. New York: Academic Press, Vol. 2, 1971:121.

*Illustrations* (figures) should be of reproducible quality. They will be reduced in size to fit, whenever possible, the width of a single column. Lettering of all figures within the article should be uniform in style and of sufficient size (ca. 10 pt). Uppercase letters A, B, C, etc. should be used to identify parts of multi-part figures. In the legend, these letters are included in parentheses. Cite all figures in the text in numerical order. Micrographs should contain a size bar. Indicate the approximate placement of each figure. Do not embed figures within the text body of the manuscript; submit figures in separate files. Really necessary colour figures will be printed free of charge.

*Chemical Structures* should be produced with the use of a drawing program such as *ChemDraw*. Structure drawing preferences (preset in *ChemDraw* from the “File” menu, choose “Apply document settings from ACS Document 1996”) are as follows:

1. As drawing settings select: chain angle 120°; bond spacing 18% of width; fixed length 14.4 pt (0.508 cm, 0.2 in.); bold width 2.0 pt (0.071 cm, 0.0278 in.); line width 0.6 pt (0.021 cm, 0.0084 in.); margin width 1.6 pt (0.056 cm, 0.0222 in.); hash spacing 2.5 pt (0.088 cm, 0.0347 in.)
2. As text settings select: font Arial/Helvetica; size 10 pt.
3. Under the preferences choose: units points tolerances 5 pixels.
4. Under page setup choose: Paper US Letter; scale 100%.

Additional tables, figures, videos, appendices, etc. can be submitted as *Supplementary Material* for online only publication. *Supplementary Material* data should be submitted as separate file(s) during submission. Within the text, *Supplementary Material* must be cited consecutively and be referred to as Supplementary Material data (e.g, see Supplementary Material, Fig. 1). If the manuscript is accepted and the *Supplementary Material* is posted online, it will be referenced in the printed version.

The authors will receive page proofs electronically. Please note that corrections should be restricted to typographical errors. Cost for extensive additional changes will be charged to the authors. Changes in the text and in the illustrations after acceptance of the manuscript cause delay and create extra cost which may be charged to the author.

### **For authors interested in open access publication**

If your manuscript is accepted, open access publication is available for the *A Journal of Biosciences: Zeitschrift für Naturforschung C (ZNC)* authors who wish to make their article freely available on De Gruyter Online. Authors choosing to publish open access pay an article processing charge. Choosing open access publication has no influence on the peer review or acceptance process.

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