

# INSTRUCTIONS FOR AUTHORS

Contributing to

## "Metal Ions in Life Sciences"

edited by

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## 1 General Remarks

It is the aim of this series to bring together inorganic and bioinorganic chemistry, coordination chemistry, physical chemistry, biochemistry, biophysics, pharmacology, toxicology, environmental chemistry, clinical chemistry, medicine, etc.. This means, the volumes are intended for advanced students and scientists with quite different backgrounds and should therefore be understandable for people from different fields.

The contributions should be written in a clear, concise and critical way. Each chapter should survey the 'topic' identified in its title. Speculations and personal views of the authors may to some extent be included, *provided* they can be clearly recognized as such and are well documented. Jargon should be avoided and only terms that are universal should be used (otherwise unequivocal definitions are necessary). It is especially important that instead of pure medical terms expressions of the common language are used (certainly, the *medical expressions in Latin may be added* in parentheses to avoid confusion).

To guarantee a uniform appearance and good looking book, *the following instructions should be carefully followed.*

## 2 Submission of the Manuscript

In order to facilitate a fast production of the book, please submit your chapter before or at the deadline agreed upon as a word file attached to an e-mail and provide also a pdf file of the whole chapter including the artwork because symbols, equations, etc. very often do not convert correctly. In addition, the artwork (see Section 3.6) should be submitted as TIF, JPG, PNG, PDF or ChemDraw files. Should the files get too large, combine all of them in a zip file. These items and the copyright permissions or a statement that no permissions are needed (see Section 4), should be submitted to the Book Editors

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The Editors will coordinate possible changes with the authors and forward the final versions of the manuscripts to the Publisher.

Please incorporate into your manuscript (see Section 3.1) a concise **Abstract** (half a page or one page in the maximum) and 5-8 **Keywords** which characterize your chapter. This material is intended to help the *Chemical Abstract Service* and the Publisher for advertising purposes of the e- and o-books.

### 3 Preparation of the Manuscript

For the preparation of the manuscript, please use the template provided, which can also be found on [www.mils-series.com](http://www.mils-series.com)

#### 3.1 Arrangement of the Manuscript

1st page:      Title of the Chapter  
                  Author(s) name(s)  
                  Address(es) and Affiliation(s)  
                  e-mail address(es)  
                  Table of Contents of the chapter (possibly continued on the second page)

Abstract and Keywords

Text (see Section 3.3) -- indicate where figures, tables, etc. should be placed

Abbreviations and Definitions -- all abbreviations and special terms used throughout the manuscript must be defined in alphabetical order

Acknowledgments -- if appropriate

References (see Section 3.4)

Tables -- see Section 3.5

Figure Legends -- *begin a new page* after the tables

Figures -- see Section 3.6

#### 3.2 Organization of the Content of the Manuscript

As given in the template, for numbering of the several sections of a contribution the order and the system indicated below must be used in any chapter to guarantee a uniform appearance. For example:

ABSTRACT

1 INTRODUCTION

1.1 Biologically Active Thioethers

1.2 Coordination with Transition Metal Ions

2  $\alpha$ -THIOETHER CARBOXYLIC ACIDS, SULFOXIDES, AND SULFONES

2.1 Acidity

2.2 Binary Complexes

2.3 Ternary Complexes with 2,2'-Bipyridine

3 METHIONINE AND S-METHYLCYSTEINE

4 BIOTIN, BIOCYTIN, AND DERIVATIVES

4.1 Acidity

4.1.1 Biotin and Analogues

4.1.2 Biocytin and Analogues

4.2 Binary Complexes

etc.

5 GENERAL CONCLUSIONS

ABBREVIATIONS AND DEFINITIONS (use should be made of such a section)  
 ACKNOWLEDGMENTS (where appropriate)  
 REFERENCES

### 3.3 Text

#### 3.3.1. General

- The manuscript (including references and figure legends) must be written as a **double-spaced typescript** (line width 24 pt) with not more than *26 lines* per page and not more than *80 characters* per line.
- Preferably use Word.
- **Times New Roman** (12 pt) is best as font.
- Do **not** align the right hand margin! Do **NOT** use a hyphenation or justification program!
- Use only a **single** space after a period or any punctuation!
- Do **not** use any hyperlinks or Word endnotes!

#### 3.3.2 Further Directions

- **Footnotes: AVOID** using footnotes. You may give them a reference number and list them with the references. If considered as absolutely necessary, they should be given on the text page where they appear.
- **Parentheses, ( ),** are to be used for numbering equations, equilibria, formula, etc. *Equations* and *equilibria* should be numbered in sequence at the right-hand margin with Arabic numerals in parentheses, e.g., equilibrium (1) and equation (2):



$$K_{\text{HL}}^{\text{H}} = [\text{H}^+] [\text{L}^-] / [\text{HL}] \quad (2)$$

- All **nomenclature** should be clear, precise, and consistent. Standard symbols, abbreviations, and terminology should be used as common in the *IUPAC nomenclature*. Any unusual abbreviations or symbols should be explained and defined.

### 3.4 Citations and Reference Style

**References** should be cited by number, in order of appearance. This means, all references have to be listed in the order of citation in the chapter and numbered sequentially throughout each chapter beginning with number [1]. If a reference is cited more than once, the original number should be used again. Reference numbers have to be placed on the line and enclosed in **square brackets** in the text. Usually only **one** citation should be given per reference number, but if appropriate, related references may be grouped together.

List all coauthors' names; "*et al.*" is **not** acceptable. The **reference list** should be typed as follows (use the abbreviations of *Chemical Abstracts*): Journals, and book titles should be typed in *italics*; the year should be **bold** and the volume number in *italics*. Please model your references on the samples below, which follow the style used by many chemistry journals:

### *Journals*

35. R. Phillips, *Chem. Rev.* **1966**, *66*, 501–527.
37. C. P. R. Jones, F. Wilson, Jr., *J. Am. Agricul.* **1956**, *78* (suppl. 1), 413–419.
36. (a) G. L. Eichhorn, P. Clark, E. D. Becher, *Biochemistry* **1966**, *5*, 245–253.  
(b) K. Itaya, M. Ui, *J. Lipid Res.* **1965**, *6*, 16–21.

### *Books*

38. W. D. Stevenson, Jr., *Elements of Power Systems Analysis*, 3rd edn., McGraw-Hill, New York, 1975, pp. 125–134.
39. *Neurodegenerative Diseases and Metal Ions*, Vol. 1 of *Metal Ions in Life Sciences*, Eds A. Sigel, H. Sigel, R. K. O. Sigel, John Wiley & Sons, Chichester, UK, 2006, pp. 1–463.

### *Book chapters*

40. H. C. Freeman, in *The Biochemistry of Copper*, Eds J. Peisach, P. Aisen, W. E. Blumberg, Academic Press, New York, 1966, pp. 77–121.
41. L. J. Whitson, J. P. Hart, in *Neurodegenerative Diseases and Metal Ions*, Vol. 1 of *Metal Ions in Life Sciences*, Eds A. Sigel, H. Sigel, R. K. O. Sigel, John Wiley & Sons, Chichester, UK, 2006, pp. 179–205.

### *Conference reports/abstracts*

42. K. Busch, H. Kunzmann, F. Wäldele, "Numerical Error-Correction of Coordinate Measuring Machines", *Proceedings of the International Symposium on Meterology*, Tokyo, 1984, pp. 270–271.

### *Reference to another chapter in this volume*

44. P. Lindley, Chapter 13 of this book.  
-- Such a cross-reference can also be cited directly in the text as: (see also Chapter 13)

## **3.5 Tables**

Tables should be designated with *Arabic* numerals and brief titles which make their content clear without reference to the text. Footnotes to tables should be typed below the table. Horizontal rules should be used to separate column headings (and if necessary, column subheadings). **Each** table should be given on a **separate page** after the References; they should NOT be incorporated in the text.

## **3.6 Artwork**

### **3.6.1 General**

- Figures should be designated by *Arabic* numerals and should be submitted preferably in the size in which they appear in the book. The *maximum printed size* is 17 cm high and 11.5 cm wide.
- Place each figure on a *separate* page and label it at the bottom.
- Do **not** type the legend on the figure.
- Preferably use Adobe Illustrator, CorelDraw, ChemDraw, etc..

- Save each figure as original (source) file **as well as** TIFF, JPG (maximum resolution), or PNG and in addition also as PDF file.
- Electronic versions of halftones must be supplied at 300 dpi and of line figures of 600 dpi.
- If a figure has to be scanned in (which is not ideal for reproduction), the resolution should be higher than 600 dpi.
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- All abbreviations and nomenclature must be consistent with those used in the text.

### 3.6.2 *Color Illustrations*

Illustrations will be reproduced in black and white. However, if justified, color figures are acceptable.

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### 4.1 **Instructions for Obtaining Permissions**

It is the **author's sole responsibility**

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In due time you will receive proofs of your chapter as PDF's from the Publisher; these should be corrected carefully and returned immediately to the address provided with the proofs.

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## 6 Concluding Remarks

*Please note*, all authors must keep their manuscripts to the agreed length (a shorter manuscript will NOT create any problems).

If we can be of help in solving questions that may arise during the preparation of the manuscript, just let us know this. Additionally, we shall be happy to catalyze any contact between authors of related chapters.

Astrid Sigel, Helmut Sigel, and Roland K. O. Sigel

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Volume edited by Peter M.H. Kroneck and Martha E. Sosa Torres (Series Editors: Astrid Sigel, Helmut Sigel, and Roland K. O. Sigel. The scheduled publication date is late 2014 and the book will encompass in total approximately 500 pages.

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