Contents

Preface to the third edition xi
Acknowledgments xiii

1 Basic rules of writing 1
   Brevity 1
   Logic and clarity 2
   Physically attractive 2

2 Comments on scientific language 3
   English as a foreign language 3
   Follow the “leitmotif” 5
   Verbosity 5
   He/she 6
   Active or passive voice 7
   Tense 9
   Noun clusters and modifiers 9
   Prevalence and incidence 10
   Avoid the use of “respectively” 11
   The “and/or” construction 11
   Unnecessary hedging 12
   How old is young? 12
   Avoid synonyms to achieve elegant variation 14
   The remote verb 14

3 Drafting the manuscript 15
   Write down your thoughts as they arise 15
   Where and when to write? 16
   How it can work in practice 16
   The other way around 17
4 Choosing a journal 18
   Impact factor 18
   Faculty of 1000 19
   Open access 19

5 How to begin 22
   Begin with the graphs 22
   Using a graph 22
   Computer graphic programs 23
   Programs used 23
   Graphs in this book 23
   Illustrators 24

6 Figure captions (legends) 25
   Two items in the caption 25
   Main message 26
   Abbreviations 26
   Typeface 26

7 Preparing a graph 28
   The line graph 28
      Curves and gridlines 28
      Ratio 1:1 29
      Text too small to read 30
      Labeling 30
      What the graph is meant to say 31
   The bar chart 45
   The area graph 58
      Band graph 59
      Grouped area graph 60
   The pie chart 61
   The box plot 66
   The three-dimensional graph 70
      False 3-D graphs 70
      True 3-D graphs 74
   Individual instead of summary data 79

8 Graph combination 84
   Bar chart and line graph combined 84
   The graph combined with a table 90

9 Drawings 94

10 How to design tables 96
   The descriptive title 96
   The declarative title 97
   Rounding off 97
Table or graph? 98
Typing the table 101

11 Title 102
Whenever possible, use a declarative rather than a neutral title 102
Titles ending with a question mark 103
Begin with the keywords 104
Use verbs instead of abstract nouns 104
Avoid abbreviations in the title 105
A title for your thesis 105
Running title 106

12 Authors 107
Guidelines on authorship 107
The contributors list 108
A question from a student about coauthorship 109
Deceased author 110

13 Abstract 111
The conventional abstract 111
The structured abstract 112

14 Introduction 114

15 Methods 116
The subjects 117
Informed consent 117
Omissions in reporting of randomized controlled trials 118
Randomization 118
Blinding 119
Number of subjects 120
Guidelines and checklists 120

16 Results 122
Participant flow and follow-up 122
Dropouts 123
Loss of participants to follow-up 124
Details of randomized participants 124
Study outcome 126

17 Discussion 128
A structure for the discussion 128
Evaluate the results – not the authors 130
Avoid claiming priority 131
The reference-13 trick 132

Contents vii
## Table of Contents

18 **Acknowledgments** 133
   - Thank people who have helped you 133
   - Always give credit for financial support 134

19 **References** 135
   - Vancouver versus Harvard style 135
   - Accuracy of references and quotations 139
   - Your own author name 140
   - Chinese names 140
   - Anonymous 141
   - Record titles in the language of publication 143
   - Citing electronic material 144

20 **Ph.D. and other doctoral theses** 145
   - Compilations: the theses of the future 145
   - Contributors 146
   - Thesis at a glance 148
   - General introduction 148
   - Aims 149
   - Methods and results 149
   - General discussion 150
   - Acknowledgments 151
   - Cover illustration 152
   - A closer look 153
   - The structure of the thesis overview 153

21 **Letters and case reports** 155
   - The thalidomide letter 155
   - Format and size of a letter 156
   - Transforming a paper into a letter 156
   - Case reports 157
   - Format and size of case reports 157

22 **Numbers** 159
   - Numbers below 10 159
   - Two numbers side by side 160
   - Decimal point 160
   - Thousands 161
   - Numbers with several zeros 161
   - Quotients of units 162
   - Percentages 162
   - Rounding to two significant digits 163
   - Enumeration 163
   - What do we mean by “often”? 164
Table of Contents

23 Abbreviations 165
   Units of measure 166
   General principles 167

24 How to present statistical results 168
   Using mean when median is meant 168
   Using standard error instead of standard deviation 169
   Failure to distinguish between statistical significance and biological importance 169
   Selected presentation of multiple statistical testing 170
   Overinterpretation of subgroup effects 171
   Using relative instead of absolute figures 171
   Some further comments 172

25 Typing 174
   A model for typing the manuscript 174
   “Twain spacing” 182
   12-point Times 182
   Avoid using block capitals 183
   Up-and-down-style versus down style 183
   The length of the manuscript 184
   The importance of punctuation 184

26 Dealing with editors and referees 186
   Deal respectfully with referees’ comments 186
   Do referees delay? 187
   Unpublished work 187
   Shortening the manuscript 188
   Accepted or rejected 189

27 Correcting proofs 191
   What to correct 191
   Making corrections 192

28 Authors’ responsibilities 195
   Subjects’ right to privacy 195
   Duplicate submission 196
   Borrowing published material 196
   Saving your original data 199
   Literature needed on your desk 201
   On phraseology 201
   On synonyms 201
   On manuscript preparation 201
   On how to abbreviate a journal’s title 202

Contents ix
<table>
<thead>
<tr>
<th>Further reading</th>
<th>203</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guides to writing</td>
<td>203</td>
</tr>
<tr>
<td>Punctuation</td>
<td>204</td>
</tr>
<tr>
<td>The English language</td>
<td>205</td>
</tr>
<tr>
<td>Style manuals</td>
<td>205</td>
</tr>
<tr>
<td>Illustrations</td>
<td>205</td>
</tr>
<tr>
<td>Statistics</td>
<td>206</td>
</tr>
<tr>
<td>Literature cited</td>
<td>207</td>
</tr>
<tr>
<td>Index</td>
<td>221</td>
</tr>
</tbody>
</table>